Fayetteville State University
Established 1867

Undergraduate Catalog
2015-2016

Fayetteville State University
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Fayetteville, NC 28301-4298
www.uncfsu.edu
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1-800-222-2594

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Fayetteville State University is committed to equality of educational opportunity and employment and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, gender identity, sexual orientation, age, disability, genetic information, or veteran status. Moreover, Fayetteville State University values diversity and actively seeks to recruit talented students, faculty, and staff from diverse backgrounds. Any individual with a concern, grievance, or complaint of discrimination or retaliation should utilize the university's policies or the applicable employment related grievance procedures for faculty and EPA non-faculty employees.

Fayetteville State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, and doctorate level degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Fayetteville State University.

Fayetteville State University, in keeping abreast of ever-changing times, reserves the right to change, delete, or add to any part of this publication as it deems necessary for the good of the university. Every attempt will be made to keep changes to a minimum and to communicate changes to all students.

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Table of Contents

CHANCELLOR'S MESSAGE **7**

FOR MORE INFORMATION **8**

ACADEMIC CALENDARS **10**

GENERAL INFORMATION **26**

ADMISSIONS **40**

EXPENSES **47**

FINANCIAL AID **51**

STUDENT AFFAIRS **61**

ACADEMIC REGULATIONS **69**

UNIVERSITY COLLEGE **99**

COLLEGE OF ARTS AND SCIENCES **105**

Department of Biological Sciences *109*
Bachelor of Science in Biology *110*
Bachelor of Science in Forensic Science with concentration in Biology *113*
Bachelor of Science in Forensic Science with concentration in Chemistry *114*
Minor in Biology *116*
Minor in Biotechnology for Biology Majors *117*
Minor in Biotechnology for Chemistry Majors *117*
Department of Chemistry and Physics *117*
Bachelor of Arts in Chemistry *118*
Bachelor of Science in Chemistry *120*
Engineering 3+2 Dual Degree Program *122*
Minor in Biotechnology for Chemistry Majors *123*
Minor in Chemistry *123*
Minor in Materials Science *123*
Minor in Physics *123*
Department of Communication, Languages, and Cultures *124*
Bachelor of Arts in Communication *125*
Bachelor of Arts in Spanish *127*
Bachelor of Arts in Spanish with Teaching Licensure (K-12) *129*
Minor in Chinese Language and Culture *132*
Minor in Communication *132*
Minor in Spanish *132*
Department of Criminal Justice *133*
Bachelor of Science in Criminal Justice *134*
Minor in Criminal Justice *137*
Department of English *137*
Bachelor of Arts in English Language and Literature *138*
Bachelor of Arts in English Language and Literature with a Teaching Licensure Concentration (Secondary English 9-12) *140*
Minor in English *142*
Minor in Teaching English as a Second Language *143*
Minor in Writing *143*
Department of Government and History *143*
Bachelor of Science in Fire and Emergency Services Administration *146*
Bachelor of Arts in Geography *149*

Bachelor of Arts in History 151
Bachelor of Arts in Intelligence Studies 154
Bachelor of Arts in Political Science 156
Bachelor of Arts in Political Science with a concentration in Public Administration 159
Bachelor of Science in Professional Studies 161
Geospatial Intelligence (GEOINT) Certificate Program 164
Minor in Geography 164
Minor in History 165
Minor in Intelligence Studies 165
Minor in Philosophy 165
Minor in Political Science 165
Minor in Public Administration 166
Minor in Sustainability 166
Department of Mathematics and Computer Science 166
Bachelor of Science in Computer Science 167
Bachelor of Science in Mathematics 170
Bachelor of Science in Mathematics with a concentration in Applied Mathematics 172
Engineering 3+2 Dual Degree Program 174
Minor in Computer Science 175
Minor in Mathematics 175
Department of Nursing 175
Bachelor of Science in Nursing - Generic Four Year Track 177
Bachelor of Science in Nursing - RN-BSN Track 179
Department of Performing and Fine Arts 181
Bachelor of Arts in Music with a concentration in Music-Instrumental 182
Bachelor of Arts in Music with a concentration in Music-Keyboard 185
Bachelor of Arts in Music with a concentration in Music-Voice 187
Bachelor of Arts in Music with a concentration in Music Education-Instrumental 190
Bachelor of Arts in Music with a concentration in Music Education-Keyboard 193
Bachelor of Arts in Music with a concentration in Music Education-Voice 195
Bachelor of Arts in Theatre 198
Bachelor of Arts in Visual Arts with a concentration in Art Education 200
Bachelor of Arts in Visual Arts with a concentration in Digital Art 202
Bachelor of Arts in Visual Arts with a concentration in Studio Art 204
Minor in Dance 207
Minor in Digital Art 207
Minor in Music 207
Minor in Theatre 208
Minor in Visual Arts 208
Department of Psychology 208
Bachelor of Science in Psychology 209
Bachelor of Science in Psychology with a concentration in Biopsychology 211
Minor in Psychology 214
Department of Social Work 214
Bachelor of Social Work 215
Minor in Social Work 217
Department of Sociology 217
Bachelor of Arts in Sociology 218
Minor in Africana Studies 221
Minor in Sociology 221

SCHOOL OF BUSINESS AND ECONOMICS 222

Department of Accounting, Finance, Healthcare Administration, and Information Systems 224
Bachelor of Science in Accounting 226
Bachelor of Science in Banking and Finance 228

Bachelor of Science in Business Administration with a concentration in Healthcare Management 230
Bachelor of Science in Business Administration with a concentration in Management Information Systems 233
Bachelor of Science in Healthcare Administration 235
Bachelor of Science in Management Information Systems 237
Certificate Program in Accounting 239
Minor in Accounting for Business Majors 239
Minor in Accounting for Non-Business Majors 240
Minor in Finance 240
Minor in Healthcare Information Technology 240
Minor in Healthcare Information Technology for Healthcare Administration Majors 241
Minor in Healthcare Management for All Majors 241
Minor in Legal Studies in Business for Non-Business Majors 241
Minor in Management Information Systems for Business Majors 241
Minor in Management Information Systems for Non-Business Majors 242
Department of Management, Marketing, and Entrepreneurship 242
Bachelor of Science in Business Administration with a concentration in Entrepreneurship 243
Bachelor of Science in Business Administration with a concentration in Marketing 245
Bachelor of Science in Business Administration with a concentration in General Business 247
Bachelor of Science in Business Administration with a concentration in Management 250
Bachelor of Science in Business Administration with a concentration in Retail and Service Management 252
Minor in Economics for Business Majors 254
Minor in Economics for Non-Business Majors 254
Minor in Entrepreneurship for Non-Business Majors 255
Minor in General Business Administration for Non-Business Majors 255
Minor in Management for Non-Business Majors 255
Minor in Marketing for Non-Business Majors 255

SCHOOL OF EDUCATION 256

Department of Elementary Education 260
Bachelor of Science in Birth through Kindergarten (Teaching) 261
Bachelor of Science in Birth through Kindergarten (Non-Teaching) 263
Bachelor of Science in Elementary Education with a concentration in Biology 265
Bachelor of Science in Elementary Education with a concentration in Core Academic Studies 267
Bachelor of Science in Elementary Education with a concentration in English 269
Bachelor of Science in Elementary Education with a concentration in Health 271
Bachelor of Science in Elementary Education with a concentration in History 273
Bachelor of Science in Elementary Education with a concentration in Mathematics 275
Bachelor of Science in Elementary Education with a concentration in Political Science 278
Bachelor of Science in Elementary Education with a concentration in Psychology 280
Bachelor of Science in Elementary Education with a concentration in Reading 282
Bachelor of Science in Elementary Education with a concentration in Sociology 284
Bachelor of Science in Elementary Education with a concentration in Spanish 286
Bachelor of Science in Elementary Education with a concentration in Special Education 288
Bachelor of Science in Elementary Education with a concentration in Teaching English as a Second Language 290
Department of Middle Grades, Secondary, and Specialized Subjects 292
Bachelor of Science in Middle Grades Education with a concentration in Language Arts 296
Bachelor of Science in Middle Grades Education with a concentration in Mathematics 299
Bachelor of Science in Middle Grades Education with a concentration in Science 302
Bachelor of Science in Middle Grades Education with a concentration in Social Studies 306
Minor in Health 309

MILITARY EDUCATION 310

Department of Aerospace Studies (Air Force ROTC) 310
Minor in Military Technologies 312
Department of Military Science (Army ROTC) 312

COURSE DESCRIPTIONS **314**

CHANCELLOR'S MESSAGE

Dear Bronco:
Welcome to the Fayetteville State University family! I am pleased that you have selected FSU, the second-oldest public university in North Carolina, for your undergraduate studies.

FSU provides a high-quality education to more than 6,200 undergraduate and graduate students. Our university provides academic programs in the humanities and social sciences, in basic and applied sciences, in teacher education, and in business and economics. We have offered teacher-education programs since our genesis in 1867; a four-year nursing program, forensic science, and fire and emergency services administration are among our newest programs.

We have almost 250 faculty members whose first priority is the facilitation of your learning. Among the faculty, you will find award-winning scholars and researchers who have also won accolades in teaching. In addition, you will work with professors who include undergraduate students in their research projects, which are often funded by agencies such as the National Aeronautics and Space Administration, the U.S. Department of Education, the National Science Foundation, the National Institutes of Health, and the Rockefeller Foundation.

Our campus is experiencing a renaissance. New buildings are being erected, while existing buildings are being renovated—all so that you will have modern facilities in an attractive and comfortable setting. The grounds are constantly groomed. Our residence halls are all air conditioned and are constantly being improved for your comfort and safety. The campus is fully wired; you will have access to state-of-the-art technology seven days a week for up to 18 hours daily.

To ensure that students have multi-faceted experiences during their university years, FSU offers an array of extracurricular activities, community-service and internship opportunities, and student organizations designed to help you to develop your leadership skills, to foster your sense of civic responsibility, and to broaden your cultural and intellectual horizons. We are home to a number of championship sports teams—in football and golf, for example. We sponsor an annual Chancellor's Speakers Series featuring nationally prominent individuals. We offer a range of activities such as the annual Miss FSU and Mr. FSU competitions.

Inside this catalog you will find important information about the baccalaureate-degree programs available to you at the undergraduate level. Your guide to the university, the catalog also includes all university centers, programs, and policies. Please review it carefully so that you learn about the support services and opportunities that we have put in place to meet your needs.

Our goal is to ensure that you will graduate with the skills, knowledge, values, and attitudes required for success in the larger world in which you live and work after you earn your bachelor's degree. We embrace you as an FSU student, and we commit to doing everything in our power to make your years with us a productive, positive experience. We look forward to the day when we can count you among our thousands of outstanding Bronco alumni.

Sincerely,

James A. Anderson

Chancellor

For More Information

Academic Records and Transcripts **910-672-1185**

Admissions **910-672-1371**

Admissions – Toll Free **800-222-2594**

Alumni Affairs **910-672-1473**

Athletics **910-672-1314**

Bookstore **910-672-1277**

Center for Personal Development **910-672-1203**

Chancellor's Scholars **910-672-1814**

Dining Services **910-323-0294**

Financial Aid **910-672-1325**

Fort Bragg Center **910-672-2961**

Handicapped Students **910-672-1222**

Health Services **910-672-1454**

Information Technology and Telecommunications Services.....**910-672-2085**
Library Services **910-672-1231**

Online Degree Completion Programs..... **910-672-2571**

Office of School Services **910-672-1265**

Public Education Outreach **910-672-1814**

Registrar **910-672-1185**

Security **910-672-1341**

Student Academic Services Center **910-672-1205**

Student Activities **910-672-1166**

Student Affairs **910-672-1201**

Student Support Services **910-672-1172**

Summer School **910-672-1229**

Testing **910-672-1301**

Tuition and Fees **910-672-1155**

Veterans' Affairs **910-672-1628**

University College **910-672-1060**

College of Arts and Sciences **910-672-1659**
- Aerospace Studies 910-672-1464
- Biological Sciences 910-672-1691
- Chemistry and Physics 910-672-2441
- Communication 910-672-1381
- Criminal Justice 910-672-1478
- English 910-672-1416
- Government and History 910-672-1573
- Mathematics and Computer Science 910-672-1294
- Military Science (Army) 910-672-1942
- Natural Sciences 910-672-1691
- Nursing 910-672-1924
- Performing and Fine Arts 910-672-1571
- Psychology 910-672-1413
- Sociology 910-672-1122
- Social Work 910-672-1210
- World Languages and Cultures 910-672-1416

School of Business and Economics **910-672-1267**
- Accounting, Finance, Healthcare Administration, and Information Systems 910-672-1591
- Management, Marketing, and Entrepreneurship …….. 910-672-1480

School of Education **910-672-1265**
- Educational Leadership 910-672-1731
- Elementary Education 910-672-1538
- Middle Grades, Secondary, and Specialized Subjects… 910-672-1181

Graduate Studies **910-672-1498**
- Doctor of Education 910-672-1810
- Graduate Certificates in English 910-672-1416
- Master of Business Administration 910-672-1197
- Master of School Administration 910-672-1810
- Master of Education 910-672-1257
  - Elementary Education 910-672-1257
  - Middle Grades Education 910-672-1182
  - Reading Education 910-672-1257
  - Secondary Education 910-672-1182
  - Special Education 910-672-1182
- Master of Arts in Psychology 910-672-1413
- Master of Arts in Sociology 910-672-1122
- Master of Social Work 910-672-1210

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Academic Calendars

Fall Semester 2015		
April 13	Monday	Fall 2015 Registration Begins
August 10	Monday	New Faculty Orientation
August 10	Monday	Waitlists deactivated
August 11	Tuesday	College/School/Department meetings
August 12	Wednesday	Bronco Kick-Off Faculty-staff conference
August 15	Saturday	New students arrive
August 17	Monday	Registration ends
August 18	Tuesday	First day of classes
August 18	Tuesday	Late registration begins ($20.00 fee)
August 21	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
August 24	Monday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
August 25	Tuesday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
August 25	Tuesday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
August 25	Tuesday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
August 26	Wednesday	Last day to submit health insurance waiver Undergraduate and graduate students, registered for 6 or more credit hours, who do not submit the health insurance waiver by this date will be charged for university health insurance.
August 27	Thursday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
August 27	Thursday	Deadline for bill clearance for registered students (5:00 pm) Payment due for students who have not made payment or have not completed financial aid.

August 28	Friday	No Show Drops Registration cancelled for No Shows
August 28	Friday	Non Payment Drops Registration cancelled for students who have not made payment or have not completed financial aid.
August 31	Monday	Census Date
September 3	Thursday	Convocation
September 7	Monday	Labor Day Holiday University closed
September 10	Thursday	Issuance of student refunds begin
October 8	Thursday	Midterm exams begin
October 12	Monday	Second Eight Week Registration Opens
October 14	Wednesday	Midterm exams end
October 15	Thursday	Midterm grades due Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
October 15	Thursday	Midterm break begins No classes - university open
October 16	Friday	Midterm break ends No classes - university open
October 17	Saturday	Classes resume
October 20	Tuesday	Deadline for removing incomplete grades from previous semester for Undergraduates Incomplete grades become F grades after this date.
October 26	Monday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
October 31	Saturday	Homecoming
November 2	Monday	Spring 2016 Registration begins
November 11	Wednesday	Veteran's Day University closed
November 16	Monday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
November 23	Monday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
November 26	Thursday	Thanksgiving Holiday University closed

November 27	Friday	Thanksgiving Holiday University closed
November 30	Monday	Final exams begin for graduating students
December 3	Thursday	Last day of classes
December 4	Friday	Reading Day For regular fall term only
December 5	Saturday	Final exams begin for students not graduating
December 5	Saturday	Final exams end for graduating students
December 7	Monday	Final grades due for graduating students
December 11	Friday	Final exams end for students not graduating
December 12	Saturday	Commencement (9:00 am)
December 14	Monday	Final grades due for students not graduating
December 18	Friday	Textbook Rental Return Due Date Last day to return rental textbooks for the semester. The late return of textbooks is not an option and books are considered purchased by the student if not returned by the deadline.
December 24	Thursday	Christmas Holidays begin University closed
December 31	Thursday	Christmas Holidays end University closed
January 1	Friday	New Year's Day University closed
January 4	Monday	University Reopens
Eight-Week Term I 2015		
April 13	Monday	Fall 2015 Registration Begins
August 10	Monday	Waitlists deactivated
August 10	Monday	New Faculty Orientation
August 11	Tuesday	College/School/Department meetings
August 12	Wednesday	Bronco Kick-off Faculty-staff conference
August 15	Saturday	New students arrive
August 17	Monday	Registration ends
August 18	Tuesday	First day of classes
August 18	Tuesday	Late registration begins ($20.00 fee)
August 21	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
August 24	Monday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date.

		No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
August 25	Tuesday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
August 25	Tuesday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
August 25	Tuesday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
August 26	Wednesday	Last day to submit health insurance waiver Undergraduate and graduate students, registered for 6 or more credit hours, who do not submit the health insurance waiver by this date will be charged for university health insurance.
August 27	Thursday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
August 27	Thursday	Bill clearance deadline for registered students (5:00 pm) Payment due for students who have not made payment or have not completed financial aid.
August 28	Friday	No Show Drops Registration cancelled for No Shows
August 28	Friday	Non Payment Drops Registration cancelled for students who have not made payment or have not completed financial aid.
August 31	Monday	Census Date
September 3	Thursday	Convocation
September 7	Monday	Labor Day Holiday University closed
September 10	Thursday	Issuance of student refunds begin
September 28	Monday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
September 28	Monday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
September 29	Tuesday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").

		Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
October 12	Monday	Last day of classes Final exams are given on last day of classes in 8-week classes.
October 14	Wednesday	Final grades due
Eight-Week Term II 2015		
April 13	Monday	Fall 2015 Registration begins
August 10	Monday	Waitlists deactivated
October 16	Friday	Registration ends
October 17	Saturday	First day of classes
October 17	Saturday	Late registration begins ($20.00 fee)
October 21	Wednesday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
October 22	Thursday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
October 22	Thursday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
October 22	Thursday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
October 23	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
October 23	Friday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
October 26	Friday	No Show Drops Registration cancelled for No Shows
October 31	Saturday	Homecoming
November 11	Wednesday	Veteran's Day University closed
November 20	Wednesday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.

November 25	Thursday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
November 25	Wednesday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
November 26	Friday	Thanksgiving Holiday University closed
November 27	Friday	Thanksgiving Holiday University closed
November 30	Monday	Final exams begin for graduating students
December 5	Saturday	Final exams end for graduating students
December 7	Monday	Final grades due for graduating students
December 11	Friday	Last day of classes Final exams are given on last day of classes in 8-week classes.
December 12	Saturday	Commencement (9:00 am)
December 14	Monday	Final grades due for students not graduating
December 18	Friday	Textbook Rental Return Due Date Last day to return rental textbooks for the semester. The late return of textbooks is not an option and books are considered purchased by the student if not returned by the deadline.
December 24	Thursday	Christmas Holidays begin University closed
December 31	Thursday	Christmas Holidays end University closed
Spring Semester 2016		
November 2	Monday	Registration begins
January 1	Friday	New Year's Day University closed
January 4	Monday	University Reopens No classes - university open
January 4	Monday	Waitlists deactivated
January 4	Monday	University Reopens No classes - university open
January 5	Tuesday	College/School/Department meetings
January 8	Friday	Registration ends
January 9	Saturday	First day of classes
January 9	Saturday	Late registration begins ($20.00 fee)

January 15	Friday	Last day to submit health insurance waiver Undergraduate and graduate students, registered for 6 or more credit hours, who do not submit the health insurance waiver by this date will be charged for university health insurance.
January 15	Friday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
January 15	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
January 16	Saturday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
January 16	Saturday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
January 16	Saturday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
January 18	Monday	Martin Luther King, Jr. Birthday Holiday University closed
January 21	Thursday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
January 21	Thursday	Bill clearance deadline for registered students (5:00 pm) Payment due for students who have not made payment or have not completed financial aid.
January 22	Friday	No Show Drops Registration cancelled for No Shows
January 22	Friday	Non Payment Drops Registration cancelled for students who have not made payment or have not completed financial aid.
January 25	Monday	Census Date
January 28	Thursday	Issuance of student refunds begin
February 27	Saturday	Midterm exams begin
March 4	Friday	Midterm exams end
March 5	Saturday	Midterm break begins No classes - university open
March 7	Monday	Midterm grades due Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of

		student progress during the first half of the semester. See "Midterm Grades" for more information.
March 11	Friday	Last day of Midterm break
March 12	Saturday	Classes resume
March 18	Friday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
March 24	Thursday	Deadline for removing incomplete grades from previous semester for Undergraduates Incomplete grades become F grades after this date.
March 25	Friday	Spring Holiday University closed
April 7	Thursday	Founders Day
April 11	Monday	Fall 2016 Registration Begins
April 15	Friday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
April 15	Friday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
April 25	Monday	Final exams begin for graduating students
April 28	Thursday	Last day of classes
April 29	Friday	Reading Day For regular spring term only
April 30	Saturday	Final exams end for graduating students
April 30	Saturday	Final exams begin for students not graduating
May 2	Monday	Final grades due for graduating students
May 6	Friday	Final exams end for students not graduating
May 7	Saturday	Commencement (9:00 am)
May 9	Monday	Final grades due for students not graduating
May 9	Monday	Post-school Conference Faculty-staff conference
May 10	Tuesday	Post-school Conference Faculty-staff conference
May 13	Friday	Textbook Rental Return Due Date Last day to return rental textbooks for the semester. The late return of textbooks is not an option and books are considered purchased by the student if not returned by the deadline.
Eight-Week Term III 2016		

November 2	Monday	Registration begins
January 4	Monday	Waitlists deactivated
January 8	Friday	Registration ends
January 9	Saturday	First day of classes
January 9	Saturday	Late registration begins ($20.00 fee)
January 15	Friday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
January 15	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
January 15	Friday	Last day to submit health insurance waiver Undergraduate and graduate students, registered for 6 or more credit hours, who do not submit the health insurance waiver by this date will be charged for university health insurance.
January 16	Saturday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
January 16	Saturday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
January 16	Saturday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
January 18	Monday	Martin Luther King, Jr. Birthday Holiday University closed
January 21	Thursday	Bill clearance deadline for registered students (5:00 pm) Payment due for students who have not made payment or have not completed financial aid.
January 21	Thursday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
January 22	Tuesday	Non Payment Drops Registration cancelled for students who have not made payment or have not completed financial aid.
January 28	Thursday	Issuance of student refunds begin
February 12	Friday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.

February 19	Friday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
February 19	Friday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
March 4	Friday	Last day of classes Final exams are given on last day of classes in 8-week classes.
March 4	Friday	Final exams end
March 7	Monday	Final grades due
Eight-Week Term IV 2016		
November 2	Monday	Registration begins
January 4	Monday	Waitlists deactivated
March 11	Friday	Registration ends
March 12	Saturday	First day of classes
March 12	Saturday	Late registration begins ($20.00 fee)
March 15	Tuesday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
March 16	Wednesday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
March 16	Wednesday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
March 16	Wednesday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
March 18	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
March 18	Friday	Deadline for bill clearance for registered students (5:00 pm) Payment due for students who have not made payment or have not completed financial aid.
March 18	Friday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.

March 21	Monday	Non Payment Drops Registration cancelled for students who have not made payment or have not completed financial aid.
March 25	Friday	Spring Holiday University closed
March 28	Monday	Second Eight Week Census Date
April 15	Friday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
April 15	Friday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
April 22	Friday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
April 25	Monday	Final exams begin for graduating students
April 30	Saturday	Final exams end for graduating students
April 30	Saturday	Final exams begin for students not graduating
May 2	Monday	Final grades due for graduating students
May 6	Friday	Last day of classes Final exams are given on last day of classes in 8-week classes.
May 7	Saturday	Commencement (9:00 am)
May 9	Monday	Final grades due for students not graduating
May 10	Monday	Post-School Conference Faculty-staff conference
May 10	Tuesday	Post-School Conference Faculty-staff conference
May 13	Friday	Textbook Rental Return Due Date Last day to return rental textbooks for the semester. The late return of textbooks is not an option and books are considered purchased by the student if not returned by the deadline.
Intersession 2016		
April 11	Monday	Intersession 2016 Registration Begins
May 10	Tuesday	Registration ends
May 11	Wednesday	First day of classes
May 11	Wednesday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").

May 11	Wednesday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
May 11	Wednesday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
May 12	Thursday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
May 13	Friday	No Show Drops Registration cancelled for No Shows
May 18	Wednesday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
May 19	Thursday	Midterm grades due Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
May 20	Friday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
May 20	Friday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
May 26	Thursday	Last day of classes / Final Exams
May 27	Friday	Final grades due
Summer I 2016		
April 11	Monday	Summer I 2016 Registration Begins
May 23	Monday	Waitlists deactivated
May 31	Tuesday	Registration ends
June 1	Wednesday	First day of classes
June 1	Wednesday	Late registration begins ($20.00 fee)
June 3	Friday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
June 3	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the

		first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
June 6	Monday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
June 6	Monday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
June 6	Monday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
June 8	Wednesday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
June 9	Thursday	No Show Drops Registration cancelled for No Shows
June 10	Friday	Midterm exams begin Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
June 10	Friday	Midterm exams end Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
June 14	Tuesday	Midterm grades due Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
June 17	Friday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
June 21	Tuesday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
June 21	Tuesday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
June 28	Tuesday	Last day of classes / Final Exams
June 30	Thursday	Final grades due
Eight-Week Term V 2016		

April 11	Monday	Eight Week Summer 2016 Registration begins
May 23	Monday	Waitlists deactivated
May 31	Tuesday	Registration ends
June 1	Wednesday	First day of classes
June 1	Wednesday	Late registration begins ($20.00 fee)
June 3	Friday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
June 3	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
June 6	Monday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
June 6	Monday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
June 6	Monday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
June 8	Wednesday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
June 9	Thursday	No Show Drops Registration cancelled for No Shows
June 24	Friday	Midterm exams begin Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
June 24	Friday	Midterm exams end Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
June 28	Tuesday	Midterm grades due Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
June 29	Wednesday	Summer break begins No Classes/University open

July 4	Monday	July 4 Holiday University closed
July 11	Monday	Summer break ends Classes resume
July 14	Thursday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
August 2	Tuesday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
August 2	Tuesday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
August 5	Friday	Last day of classes Final exams are given on last day of classes in 8-week classes.
August 9	Tuesday	Final grades due
August 12	Friday	Textbook Rental Return Due Date Last day to return rental textbooks for the semester. The late return of textbooks is not an option and books are considered purchased by the student if not returned by the deadline.
Summer II 2016		
April 11	Monday	Summer II 2016 Registration Begins
June 27	Monday	Waitlists deactivated
July 11	Monday	Registration ends
July 11	Monday	First day of classes
July 11	Monday	Late registration begins ($20.00 fee)
July 13	Wednesday	Late registration ends; tuition and fees will not be reduced for withdrawals from individual classes after this date. No charge for classes dropped before this deadline; students are not permitted to attend classes for which they are not registered.
July 14	Thursday	Class withdrawals begin Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours included in attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress").
July 14	Thursday	University withdrawal (withdrawal from all classes) begins WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.

July 14	Thursday	Interim grading period begins Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
July 15	Friday	Deadline for X (No-Show) grades Faculty assign X grades to students on the class roster, but who have never attended. See "Interim Grades" for more information.
July 15	Friday	Course audit deadline Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes
July 18	Monday	No Show Drops Registration cancelled for No Shows
July 22	Friday	Midterm exams begin Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
July 22	Friday	Midterm exams end Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
July 26	Tuesday	Midterm grades due Faculty assign A, B, C, D or F grades at mid-term to provide an assessment of student progress during the first half of the semester. See "Midterm Grades" for more information.
July 27	Wednesday	Deadline for withdrawing from individual class(es) Undergraduate students are permitted to withdraw from no more than 16 credit hours with no impact on GPA. Hours counted as attempted hours. No adjustment of tuition and fees for withdrawal from individual classes.
July 29	Friday	Interim grading period ends Interim grades serve as a warning to students who are at risk of failing due to non-attendance or poor academic performance.
July 29	Friday	Deadline for withdrawing from the university (all classes) WU grades for all classes with no impact on GPA. Hours counted as attempted hours for financial aid eligibility. (See "Satisfactory Academic Progress"). Tuition/fees may be adjusted based on date of WU. See "Expenses" for WU refund schedule.
August 5	Friday	Last day of classes / Final Exams
August 9	Tuesday	Final grades due
August 12	Friday	Textbook Rental Return Due Date Last day to return rental textbooks for the semester. The late return of textbooks is not an option and books are considered purchased by the student if not returned by the deadline.

General Information

Mission Statement

Fayetteville State University (FSU) is a public comprehensive regional university that promotes the educational, social, cultural, and economic transformation of southeastern North Carolina and beyond. The primary mission of FSU is to provide students with the highest quality learning experiences that will produce global citizens and leaders as change agents for shaping the future of the State. Awarding degrees at the baccalaureate and master's levels, and the doctorate in educational leadership, FSU offers programs in teacher education, the arts and sciences, health professions, business and economics, and unique and emerging fields. FSU is an institution of opportunity and diversity. Committed to excellence in teaching, research, scholarship, and service, the university extends its services and programs to the community, including the military, and other educational institutions throughout North Carolina, the nation, and the world.

Vision Statement

Fayetteville State University is a leading institution of opportunity and diversity committed to developing learned and responsible global citizens.

Core Identity Statement

Fayetteville State University is a historically black university founded in 1867 as the Howard School by seven black men for the purpose of educating black children. FSU has a tradition of excellence in teacher education and is the second oldest state supported school in North Carolina. The student body, faculty, and staff today rank among the nation's most diverse campus communities. With program expansion, the university now has strong undergraduate and graduate curricula in both liberal arts and professional programs including the doctorate in educational leadership, and is developing new and emerging programs. FSU has a tradition of collaboration with the Fayetteville/Fort Bragg-Pope Air Force base community, and renders services throughout southeastern North Carolina. FSU has a tradition of an affordable education and of preparing students to be life-long learners, to be responsible citizens, and to render selfless service to mankind.

Core Values

Student Success and Pursuit of Excellence
We believe in student success and the obligation of the university to provide the highest quality learning experiences and academic programs to facilitate student success, intellectual and cultural growth, excellence in scholarship, leadership, and ethical standards.

Shared Governance
We believe in shared governance, fiscal responsibility, a commitment to life-long learning, and professional development for faculty, staff, and students.

Global Responsibility
We believe in respect for diversity, global responsibility, conservation of natural resources, and a commitment to sustainability.

Collaboration
We believe in outreach, partnerships with educational institutions and the community, economic transformation of the state, and service to others.

Administration

Board of Trustees

Trustee	Term Expires	Trustee	Term Expires
Dr. Richard Clayton Adams Fayetteville	17**	Ms. Candacy Bush Fayetteville	(Ex Officio, 2015-2016)
Mr. Claude Bogues Durham	17**	Mrs. Vedas Neal Elm City	15**
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Administrative Officers

Name	Degrees	Title
James A. Anderson	B.A., Ph.D.	Chancellor
Jon Young	B.A., M.A., Ph.D.	Provost and Vice Chancellor for Academic Affairs
Janice Haynie	B.A., M.S., Ph.D.	Vice Chancellor for Student Affairs
Thomas E. H. Conway	B.S., M.S., Ph.D.	Vice Chancellor and Chief of Staff
Yolanda Bonnette	B.S.	Interim Associate Vice Chancellor for Business and Finance
Arasu Ganesan	B.A., M.B.A.	Vice Chancellor for Information Technology
Getchel L. Caldwell	B.S., M.P.A.	Vice Chancellor for Institutional Advancement

Wanda D. Lessane Jenkins	B.B.A., M.B.A., J.D.	University Legal Counsel
David Barlow	B.S., M.S., Ph.D	Dean, College of Arts and Sciences
Assad Tavakoli	B.A., M.B.A., Ph.D.	Dean, School of Business and Economics
Doreen Hilton	B.S., M.A., Ph.D.	Dean, Graduate Studies
Leontye L. Lewis	B.S., M.Ed., Ph.D	Dean, School of Education

History

In 1867, seven black men - Matthew N. Leary, Jr., A. J. Chesnutt, Robert Simmons, George Grainger, Jr., Thomas Lomax, Nelson Carter, and David A. Bryant - paid $136 for two lots on Gillespie Street and converted themselves into a self-perpetuating Board of Trustees to maintain this property permanently as a site for the education of black children in Fayetteville. General Oliver O. Howard of the Freedman's Bureau, erected a building on this site, and the institution became known as the Howard School. Robert Harris was selected as the principal.

By a legislative act of 1877, the North Carolina General Assembly provided for the establishment of a Normal School for the education of black teachers. The Howard School was chosen as the most promising because of its successful record during the previous ten years under the leadership of Robert Harris. Its name was changed to the State Colored Normal School and Harris remained as principal until his death in 1880.

Charles W. Chesnutt was principal from 1880 to 1883. He emphasized foreign languages, social graces, and intellectual development as keys to success. He resigned to pursue a literary career and indeed became one of the leading black American writers of fiction between 1887 and 1930.

Ezekiel E. Smith became the third principal in 1883 and would serve three different terms in this leadership position. His first term as principal lasted from 1883-1888. He expanded the curriculum to better prepare teachers for the public grammar schools. In 1888 George Williams became the principal and introduced a Speaker's Series. Smith returned in 1895 after serving as an ambassador in Liberia. In 1898, he left to serve in the Spanish American War. Reverend Leonard E. Fairley served as acting principal until Smith returned in 1899.

Between 1899 and 1933, Dr. E.E. Smith's vision for excellence in teaching would lay the framework for the Normal School to become a college. By the time he retired in 1933, the school had grown from three rooms in a small frame structure to a physical plant of ten buildings on a fifty-acre tract of land. Black and white citizens contributed funds along with Dr. Smith, F. D. Williston, E. N. Williams, J. G. Smith and Dr. P. N. Melchor, to purchase the initial forty acres of land. With the erection of the Aycock Building by the state in 1908, the school began its permanent residency on Murchison Road. Smith's title was changed from principal to president in 1927. The Newbold School, a practice school for teachers, was erected on the campus in 1930. Dr. E.E. Smith's ideas about teacher training set the pace for teacher education throughout the state. His years of service covered a span of fifty years-1883 to 1933.

Dr. James Ward Seabrook became the president in 1933. Under his presidency the school became Fayetteville State Teachers College, thereafter being authorized to grant the Bachelor of Science Degree in Elementary Education. Cultural activities, student organizations, and significant physical expansion contributed to the complete transformation from a normal school to a college. The college received both state and regional accreditation in 1947.

Dr. Rudolph Jones succeeded Dr. Seabrook in 1956. During his administration, the curriculum was expanded to include majors in secondary education and programs leading to degrees outside the teaching field. The name of the school was changed to Fayetteville State College in 1963. FSC students were active participants in the Civil Rights Movement of the sixties and helped to bring about integration in Fayetteville. Also, under the leadership of Dr. Jones, six additions were made to the physical plant to accommodate a rapidly expanding enrollment.

Dr. Charles A. Lyons, Jr. was appointed president in 1969 and the institution acquired its present name. By a legislative act in 1972, Fayetteville State University became a constituent institution of the University of North Carolina System, and Dr. Lyons became its first Chancellor. During his tenure, the curriculum was expanded to include a variety of both baccalaureate and master's level programs. The Fort Bragg-Pope AFB Extension Center, in conjunction with the Weekend and Evening College, was established in order to provide military

personnel and other full-time working people with the opportunity to further their education. The general academic structure took its present configuration in 1985 when the university became a Comprehensive Level I Institution. In addition to expanding program offerings and services, eight buildings were added to the physical plant during this period.

On January 1, 1988, Dr. Lloyd V. Hackley became the eighth Chief Executive Officer of the university. In his seven years as Chancellor, the university expanded its master's level program offerings to include biology, business administration, education, English, history, mathematics, psychology, and sociology, and FSU's first doctoral program in Educational Leadership was established. Baccalaureate program offerings were also increased to include 36 disciplines in the arts and sciences, business and economics, and education. Hackley strengthened FSU's community outreach to at-risk children in the public schools and established numerous scholarship and tutoring/mentoring programs to encourage more young people to aspire to academic excellence and a college education. FSU's first major public Capital Campaign was also completed, which enabled the university to increase the number of privately funded scholarships. The student population doubled in numbers and in diversity during his administration. The addition of the ultra-modern School of Business and Economics Building and the Health and Physical Education Building underscored Dr. Hackley's commitment to FSU's continued expansion and growth. On December 31, 1994, Dr. Hackley left his post to become President of the North Carolina Department of Community Colleges, the first African-American to lead the state's system of 59 community colleges.

Dr. Donna J. Benson, Associate Vice President for Academic Affairs of the University of North Carolina served as Interim Chancellor from January 1, 1995 to November 15, 1995. Capital improvements included renovation of dormitories and completion of the Distance Learning Center in the Communications Building. In 1995 Dr. Willis B. McLeod, a 1964 graduate of Fayetteville State University, became the ninth Chief Executive Officer of FSU and the first alumnus to serve as Chancellor. Among the initiatives he instituted were the "Freshman Year Initiative" (or F.Y.I.), a program designed to enhance students' educational outcomes; new outreach efforts aimed at forging stronger community ties; and formed a regional partnership of public school, community college, and university leaders which focused on strengthening the educational pipeline from pre-school to post-graduate studies. Renovation and improvement of campus facilities were achieved, including all air-conditioned buildings. A strong cultural and fine arts series and fourteen CIAA championships bolstered Bronco Pride.

Dr. T. J. Bryan assumed the position of Chancellor on July 1, 2003. As the tenth chief executive officer of the university, Dr. Bryan was the first African-American woman selected to lead a constituent institution of the University of North Carolina. Dr. Bryan developed new academic programs, obtained specialized accreditation for several programs, strengthened student recruitment and support programs, and improved buildings and grounds. Under her leadership, a four-year nursing program and an Honors Program were established.

In 2007, Dr. Lloyd V. Hackley returned as Interim Chancellor. He launched projects to carry out the initiatives of UNC Tomorrow, placed FSU on a sound course for fiscal solvency, and introduced a number of organizational changes for greater efficiency of operations.

Dr. James A. Anderson was named the eleventh Chief Executive Officer of Fayetteville State University on March 7, 2008. Under Chancellor Anderson's leadership, the university has established a five year strategic plan for growth, expanded academic program offerings, added global education and study abroad, and increased certification and accreditation of academic programs. The university has expanded partnerships with universities, corporations, and the military. Outreach also includes service learning, a community computer center, a Veteran Center, the Early High School College, the Center for Defense and Homeland Security, and many collaborative cultural activities with community agencies.

Dr. Anderson is committed to making FSU a university of choice by enabling students to be successful through advanced technology, new cutting edge academic programs, expanded partnerships with the community and educational institutions, globalism, an improved campus environment, and professional development opportunities for faculty, staff, and students.

Administration of the University of North Carolina
The Board of Governors
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W. Louis Bissette, Jr., Vice Chairman
Joan Templeton Perry, MD, Secretary

2011-2015 Term
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David M. Powers
Richard F. "Dick" Taylor
Raiford Trask III
Phillip D. Walker

2013-2017 Term
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Henry W. Hinton
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W. Marty Kotis III
Scott Lampe
Steven B. Long
Joan G. MacNeill
W.G. Champion Mitchell
R. Doyle Parrish
Therence O. Pickett
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Harry Leo Smith, Jr.
J. Craig Souza
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Laura I. Wiley

Emeritus Member
Hannah D. Gage

History of the University of North Carolina

In North Carolina, all the public educational institutions that grant baccalaureate degrees are part of the University of North Carolina. Fayetteville State University is one of the 16 constituent institutions of the multi-campus state university.

The University of North Carolina, chartered by the N.C. General Assembly in 1789, was the first public university in the United States to open its doors and the only one to graduate students in the eighteenth century. The first class was admitted in Chapel Hill in 1795. For the next 136 years, the only campus of the University of North Carolina was at Chapel Hill.

In 1877, the N.C. General Assembly began sponsoring additional institutions of higher education, diverse in origin and purpose. Five were historically black institutions, and another was founded to educate American Indians. Several were created to prepare teachers for the public schools. Others had a technological emphasis. One is a training school for performing artists.

In 1931, the N.C. General Assembly redefined the University of North Carolina to include three state-supported institutions: the campus at Chapel Hill (now the University of North Carolina at Chapel Hill), North Carolina State College (now North Carolina State University at Raleigh), and Woman's College (now the University of North Carolina at Greensboro). The new multi-campus University operated with one board of trustees and one president. By 1969, three additional campuses had joined the University through legislative action: the University of North Carolina at Charlotte, the University of North Carolina at Asheville, and the University of North Carolina at Wilmington.

In 1971, the General Assembly passed legislation bringing into the University of North Carolina the state's ten remaining public senior institutions, each of which had until then been legally separate: Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, the North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created the current 16-campus University. (In 1985, the North Carolina School of Science and Mathematics, a

residential high school for gifted students, was declared an affiliated school of the University; and in 1996 Pembroke State University was renamed The University of North Carolina at Pembroke through legislative action.)

The UNC Board of Governors is the policy-making body legally charged with the general determination, control, supervision, management, and governance of all affairs of the constituent institutions. It elects the president, who administers the University. The 32 voting members of the Board of Governors are elected by the General Assembly for four-year terms. Former board chairmen and board members who are former governors of North Carolina may continue to serve for limited periods as non-voting members emeriti. The president of the UNC Association of Student Governments, or that student's designee, is also a non-voting member.

Each of the 16 constituent institutions is headed by a chancellor, who is chosen by the Board of Governors on the president's nomination and is responsible to the president. Each institution has a board of trustees, consisting of eight members elected by the Board of Governors, four appointed by the governor, and the president of the student body, who serves ex-officio. (The NC School of the Arts has two additional ex-officio members.) Each board of trustees holds extensive powers over academic and other operations of its institution on delegation from the Board of Governors.

Institutional Memberships and Accreditations

The university holds institutional membership in the following agencies and professional organizations:

The Adult Education Association, U.S.A.
American Association for Counseling and Development
The American Association for Colleges and Universities (AAC&U)
The American Association of Colleges and Schools for Teacher Education (AACTE)
The American Association of State Colleges and Universities (AASCU)
The American Council on Education (ACE)
Association for Continuing and Higher Education (ACHE)
The Central Intercollegiate Athletic Association (CIAA)
Council for Advancement and Support of Education (CASE)
Council of Graduate Departments of Psychology
International Police Executive Symposium
The National Alliance of Business
National Association for Equal Opportunity in Higher Education (NAFEO)
National Association for Student Financial Aid Administrators (NASFAA)
The National Association of Business Teacher Education
The National Collegiate Athletic Association (NCAA)
The North Carolina Association of Colleges and Universities
North Carolina Day Care Association
The Servicemen's Opportunity College (SOC)
The Southern Conference of Graduate Schools (SCGS)

The university has achieved program accreditation, certification, and/or program approval from the following professional organizations:

Accreditation Board for Engineering and Technology (ABET)
Academy of Criminal Justice Sciences (ACJS)
Association to Advance Collegiate Schools of Business (AACSB)
Commission on Collegiate Nursing Education (CCNE)
Council on Social Work Education (CSWE)
The National Council for Accreditation of Teacher Education (NCATE)
North Carolina Board of Nursing (NCBN)
The North Carolina Department of Public Instruction (DPI)
National Association of Schools of Music (NASM)

The Southern Association of Colleges and Commission on Colleges (SACSCOC)

Centers and Programs

Center for Economic Education

The Center for Economic Education is a non-profit and non-partisan institutional entity committed to promoting and imparting economic education primarily in southeastern North Carolina. The center is affiliated with The North Carolina Council of Economic Education and the National Council of Economic Education.

The objectives of the center are fivefold:

1. To improve on- and off campus teaching of economics, with particular emphasis on pre-service and in-service teacher training;
2. To consult with local schools, educational agencies, and community groups on matters relating to curriculum content, materials, and strategies;
3. To conduct research in economic education and disseminate updated information on economic issues in the community;
4. To mobilize community interest and support by developing cooperative working relationships with other groups committed to economic education;
5. To develop and distribute appropriate materials useful in the economic education effort.

For further information call 910-672-1618.

Curriculum Learning Resource Laboratory

Located in the Charles Waddell Chesnutt Library, the Curriculum Learning Resource Laboratory is designed to provide educational resources and equipment for pre-service and in service teachers, and faculty. The collections include state adopted textbooks, kits, films, transparencies, North Carolina state competencies, and audio-visual aids. For further information call 910-672-1391.

Distance Learning Center

The mission of the Distance Learning Center is to provide opportunities to faculty, staff, students, and external agencies in Southeastern North Carolina to participate in interactive classes and teleconferences via the North Carolina Information Highway (NCIH) and North Carolina Research Educational Network (NC-REN). Located in the Telecommunications Center, the Distance Learning Center offers convenient and cost-effective interactive access to a broad range of quality educational programming. Through the Center the university can acquire complete telecourses, short courses, audio-visual resources, training programs, and live teleconferences. These programs can be used in a variety of ways to increase distance learning opportunities, enrich classroom instruction, update faculty and administrators, expand community service, and enhance professional and career education. For further information call 910-672-1888.

Early Childhood Learning Center

The Fayetteville State University Early Childhood Learning Center, which serves children from three years through five years of age, is under the direction of the School of Education. It was established in the Fall of 1970 to provide early childhood education majors an opportunity to become familiar with young children and their characteristics, and to enable the translation of theoretical concepts into practical application. In addition to being a center for the training of early childhood personnel, the Early Childhood Learning Center also provides a learning environment that will help young children develop to their maximum potential physically, intellectually, socially, and emotionally.

The Early Childhood Learning Center serves not only the university, but the Fayetteville community as well, through its acceptance of children of either sex, children from any ethnic or religious orientation, and children with mildly handicapping physical and mental conditions.

The Cumberland County Department of Social Service Day Care unit refers as many of its Day Care applicants as space permits. The Developmental Evaluation Center refers children to the Center on an individual basis. The Early Childhood Learning Center holds the State of North Carolina, Department of Revenue Privilege License; State of North Carolina - Child Day Care "A" License; Level Two Certificate of Approval (Federal) from the Department of Human Resources - State of North Carolina Division of Social Service for Day Care of Children; and the North Carolina Department of Public Instruction Kindergarten/Early Childhood Division Certification. For further information call 910-672-1281.

Educational Opportunity Centers Program

The Educational Opportunity Centers Program (EOC) is one of several educational outreach programs established by Fayetteville State University to improve educational outcomes and the quality of life in the Cape Fear Region. Funded by the U.S. Department of Education, the program's purpose is to increase the availability of educational information and assistance to high school graduates, traditional and non-traditional students, and college dropouts, who wish to continue their education. Professional advisors are available to assist participants in establishing educational goals and making career choices. Participants also receive information on college admission requirements, the college application process, and assistance obtaining financial aid. All services are free to U.S. citizens 19 years and older, who meet eligibility requirements.

If you live in Cumberland, Harnett, Hoke, Robeson, or Sampson County, and are interested in the Educational Opportunity Centers Program, contact the main office in the Helen T. Chick Building, Room 224, or call (910) 672-1171 or 1-800-572-3646 for additional information.

Educational Talent Search Program

Fayetteville State University's Educational Talent Search Program is funded by the U.S. Department of Education for the purpose of providing academic support services to middle and high school students who meet the federal eligibility criteria. The program is designed to serve fourteen targeted middle and high schools in Cumberland, Harnett, and Hoke counties in North Carolina. The goal of the program is to provide eligible students with academic support services and activities that will enhance their academic skills. These services will ensure that the participants complete high school and also enroll in and complete programs of postsecondary education.

Enrolled participants receive a variety of academic, educational and career support services, such as Tutoring in English, Reading, Math, Science and other subject areas; personal, academic, educational, social and career counseling; supplementary academic skills workshops; guidance on secondary school reentry and entry to programs of postsecondary education; exposure to careers in which disadvantaged individuals are particularly underrepresented; visits to college campuses and exposure to cultural events and other educational activities; assistance in preparing for college entrance examinations; assistance in completing college admissions and financial aid applications; orientation workshops for the parents of the program's participants; drug awareness and teenage pregnancy prevention programs; mentoring programs involving the university's faculty, staff, and students.

Prospective students who are interested in the Educational Talent Search Program are encouraged to visit the Special Programs Office in the Helen T. Chick Building, Room 108, or call 910-672-1172.

Extended Learning and Summer Programs

The Office of Extended Learning and Summer Programs extends the teaching, consultative, and research resources of Fayetteville State University into the local community. These resources, in concert with all other appropriate resources, are molded into an organized effort to meet the unique educational needs of individuals within the adult population who have either completed or interrupted their formal education, and to assist people in the area to identify and develop new, expanded, or improved approaches to the solution of community problems.

All extended learning activities at Fayetteville State University are categorized as Continuing Education Units (CEU)/Teacher Renewal Credit (TRC), academic credit, or non-credit. Such activities are designed to serve

individuals needing further professional/career development; various forms of public affairs education; personal enrichment and cultural development; and skills training to meet the needs of professions or careers. Most non-credit continuing education activities are related to community service and include special programs affecting community-wide problems.

Consistent with the educational standards of the Southern Association of Colleges and Schools and the University of North Carolina, all continuing education activities sponsored or co-sponsored by Fayetteville State University are organized under responsible and capable direction and are subject to systematic evaluation. For further information call (910) 672-1226.

Fine Arts Resource Center

Housed in room 145 of the Rosenthal Building, the Fine Arts Resource Center (FARC) is a library and computer laboratory for music and the visual arts. The library section consists of records, tapes, musical scores, videos, filmstrips, and books (on music and art). It also includes equipment for viewing or listening to certain library materials, all of which are available on a check in/out basis. The computers in the FARC supplement classroom instruction by offering music history, theory and composition programs, as well as art-authoring and art history software for students in the visual arts. For further information call 910-672-1439.

Fort Bragg Center

Fayetteville State University offers a program of higher education to serve the nearby military installations. The proximity of the Fort Bragg Center, and the flexibility of the university programs, offer maximum opportunities for interested and qualified personnel to pursue their education while in service, either as part-time or full-time students. Additional information may be obtained by writing to the Director of the Fort Bragg Center, Box 70156, Fort Bragg, North Carolina 28307-5000 or call 910-497-9111.

GEAR UP

Fayetteville State University's GEAR UP (Gaining Early Awareness & Readiness for Undergraduate Programs) Program is funded by the U.S. Department of Education for the purpose of providing academic support services to middle and high school students. The program serves students who attend Luther "Nick" Jeralds Middle School and E.E. Smith High School. The program uses a cohort approach, by enrolling into the program each successive year all incoming 6th grade students at Luther "Nick" Jeralds Middle. The program continues to serve all of the students in each cohort as they progress toward high school graduation. The goal of the program is to provide eligible students with academic support services and activities that will enhance their academic skills, thereby ensuring that these students will complete high school and enroll in and complete programs of post-secondary education.

GEAR UP services to students include: in-school and after-school tutoring, enrichment camps, academic support workshops, summer camps, after-school college clubs, job-shadowing, mentoring, academic advising, career and cultural field trips, and tours of colleges throughout the United States. Services to parents include: college planning and financial aid workshops, and personal advisement on how to prepare their child for college. School personnel services include: professional development opportunities for teachers and administrators to help raise expectations for teachers and students. For further information, call 910-672-1172.

Honors Program

The primary goal of the Honors Program is to prepare high-ability students for the graduate school and professional school through courses and activities that focus on academic preparation, cultural enrichment, and leadership development.

Central to the honors academic experience are honors classes, which are limited usually to 15-20 students to facilitate dialogue among and between students as well as between students and faculty members. Students are required to take responsibility for their learning. Collaboration, rather than competition, is encouraged. The ultimate goal in the honors classroom is to provide students with opportunities to take risks in a "safe"

environment and encourage them to develop to their fullest potential. The Honors Program also includes the frequent use of primary sources, the offering of interdisciplinary courses, and the integration of experiential learning with theoretical and applied experiences in the classroom.

For more information about the Honors Program, visit the university's website, www.uncfsu.edu/honors/, or call 910-672-2153.

Mathematics and Science Education Center

One of ten mathematics and science education centers in the University of North Carolina system is located at Fayetteville State University. These centers are responsible for providing in-service training and continuing education for public school teachers in the fields of technology, mathematics, and science. The center operates on a year-round basis. Activities in mathematics, science (life, earth, and physical sciences), technology use, and mathematics and science methods are included. Academic credit and Continuing Education Units (CEU)/Teacher Renewal Credits (TRC) are available through semester courses, one-day workshops, one-week intensive training, seminars, and other formats to fit the needs of teachers and school systems. The center's programs are specially aimed at the following:

1. Increasing the supply of qualified mathematics and science teachers;
2. Strengthening instruction in the elementary/ middle grades and high school programs in mathematics and science;
3. Increasing effective use of educational technologies at all levels of instruction;
4. Increasing the pool of minorities and women in the mathematics and sciences; and
5. Encouraging business and industry to cooperate with public schools and institutions of higher learning in assessing mathematics and science needs in order to increase the relevance of programs for teachers.

Tuition waiver scholarships are available to participants in some center-supported programs. Scholarships range from partial to full tuition, depending upon program implementation costs. For further information call 910-672-1669.

Online Degree Completion Programs

FSU's undergraduate online degree completion programs enable students to take upper-division (junior and senior level) courses online to complete their degrees. Online Degree Completion (ODC) students must have completed all university and program core requirements, or be dual enrolled with a partnering community college prior to admittance to an ODC program.

- Bachelor of Science in Business Administration with a concentration in General Business
- Bachelor of Science in Criminal Justice
- Bachelor of Science in Fire and Emergency Services Administration
- Bachelor of Science in Psychology
- Bachelor of Arts in Sociology

Current students who seek to change their major to an online degree completion major must have a cumulative GPA of 2.0.

Interested students should consult with department chairs or other departmental representatives for additional requirements specific to their chosen programs.

Residence Halls

Residence hall life provides students a unique experience that will enhance their overall education at Fayetteville State University. The residence halls at FSU provide amenities that are comparable to home. All rooms have cable television connections, are fully furnished, have individually controlled heat and air conditioning, and have local telephone service with long distance capabilities. Most residence halls are equipped with wide-screened televisions, computers, study rooms, and living learning laboratories. Students choose from a

variety of living options in one of nine residence halls. Most students are permitted to choose their own roommates. Residence hall applications are included in the letter of acceptance from the Office of Admissions. For further information, call 910-672-1284.

Rosenthal Gallery

The Rosenthal Gallery, located in the Rosenthal Building, is operated through the Department of Performing and Fine Arts. The gallery installs temporary exhibitions of regional, national, and international works; includes FSU faculty and student exhibitions; and hosts an annual High School Competition and an annual National Competition.

The Rosenthal Gallery offers services that supplement the curriculum through exhibits, lectures and seminars, and serves as a cultural component of the campus and the region.

Servicemen's Opportunity College

Fayetteville State University is a Servicemen's Opportunity College. The Servicemen's Opportunity College is a network of institutions across the country and overseas that have recognized and have responded to expectations of servicemen and women for adult continuing education.

Small Business and Technology Development Center

The Small Business and Technology Development Center (SBTDC) is a business development service of The University of North Carolina system. The SBTDC provides management counseling and educational services to small and mid-sized businesses in all of North Carolina's 100 counties. SBTDC services target established firms, high-growth companies, and start-up businesses and help them meet today's challenges, manage change, and plan for the future.

The SBTDC employs over 50 management counselors in 17 offices across North Carolina -- each affiliated with a college or university. Services are well defined and are designed to meet the clients' needs.

The primary focus of the SBTDC is management counseling, addressing issues including financing, marketing, human resources, operations, business planning, and feasibility assessment.

The SBTDC also provides targeted, research-based educational products which are focused on change management, strategic performance, and leadership development for your management team, board members, and employees.

In addition, the SBTDC offers specialized market development assistance in government procurement, international business, marine trades services, and technology development and commercialization. These services are specifically designed to aid growing companies in expanding their markets and increasing competitiveness.

For further information, please call the SBTDC's FSU campus office at 910-672-1627.

Study Abroad Program

The Fayetteville State University Study Abroad Program provides opportunities for students to study in a number of foreign countries while receiving college credits and practical experience. The program provides study opportunities abroad during the Fall and Spring semesters and Summer sessions.

Current programs with academic institutions abroad include: The University of Buea-Cameroon (West Africa); International Business and Marketing Courses offered through the University of Evansville (Great Britain); the University of Science and Technology-Kumasi, Ghana (West Africa); Universidad Nacional Pedro Henriquez Urena-Santo Domingo (Dominican Republic); the Universidad Autonoma del Estado de Morelos: Centro de Estudios Linguisticos y Multiculturales (Mexico); and the University of Granada (Spain). In addition to these programs, special arrangements can be made for students to study in many other institutions abroad on the basis of their interests.

All study abroad transactions must be coordinated by and processed through the Study Abroad Program Office, and approved by the Director of International Programs.

Admission is open to university students in at least their sophomore year with a good academic standing (GPA of at least 2.5). Graduate students and secondary school teachers are also eligible. Application forms can be obtained from the Study Abroad Office, Room 218, Hackley Honors Hall, or for further information, call 910-672-1981.

Summer School Program

The summer school program at Fayetteville State University is organized primarily for students desiring to make progress toward fulfilling requirements for undergraduate and graduate degrees. The curricula provided during the summer sessions are equivalent to those offered during regular semesters. The Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Business Administration, and Associate of Arts degrees are available through the College of Arts and Sciences, School of Business and Economics, and School of Education.

The summer program is separated into two distinct sessions to accommodate the needs of the following groups of students: a) graduates of accredited high schools who are planning to enter the freshman class, b) undergraduate students who are meeting degree requirements at Fayetteville State University, c) visiting undergraduate students who desire to take courses for transfer to their home institutions, d) teachers and administrators who are planning to meet state certification requirements, and e) other students who desire courses for personal development or special education through attendance at weekend and evening classes and/or Monday-Friday classes. In addition, the university offers a program of higher education during the summer to serve military personnel and their dependents through the Fort Bragg-Pope Air Force Base University Center.

Teaching Licensure Opportunities for Transitioning Soldiers

Fayetteville State University, in cooperation with the Fort Bragg Education Center, offers a program of Teacher Licensure Opportunities for Transitioning Soldiers (TLOTS) through the School of Education. This program allows transitioning soldiers who have a maximum of two years of active duty remaining and hold at least a B.A. or B.S. degree to enroll in a teacher licensure program. For program requirements, contact the School of Education.

University Library

The Charles Waddell Chesnutt Library is the central research facility for Fayetteville State University and the surrounding community. Named for Charles Waddell Chesnutt, who was the third president of the institution and the first successful African-American novelist, the library is a four-level contemporary building providing nearly 80,000 square feet of space, seating for approximately 800 patrons, and a capacity for 500,000 volumes and over one million items of microform. The library currently has in its holdings in excess of 226,000 volumes; 21,422 reels of microfilm; 890,000 pieces of microfiche; 3,195 periodicals; and 56 newspapers. It is also a selective depository for state and federal documents.

The Chesnutt Library meets the informational needs of the university community by offering a variety of services and special features. These include the following: electronic ordering in the acquisitions area; online cataloging and circulation system; remote access to its online public access catalog; access to Internet; local area network for CD-ROMS; fax machine; computerized information retrieval; audio-visual production; microform reading and copying facilities; computer terminals; microcomputers for users; media listening, viewing, and videotaping capabilities; and small, medium, and large group-study rooms, seminar rooms, and the J. C. Jones Boardroom. There are numerous displays and exhibits throughout the building.

The library also has an Archives and Special Collections area. The Archives section is responsible for maintaining a collection of official records, manuscripts, and materials relating to Fayetteville State University. The Special Collections section contains the papers and materials of Charles Waddell Chesnutt, James Ward Seabrook, and other African-Americans and individuals who have made noteworthy contributions to southeastern North Carolina. The Special Collections section also includes selected materials by and about

African-Americans. These materials are available to scholars and researchers from the university and the community.

Professional and support staff are available to assist patrons with the online public access catalog, circulation, reference, and Inter-Library Loan services, and to provide informational tours, lectures, and classroom instruction. Extensive use is made of electronic databases and networks in the retrieval of information (e.g., NC LIVE, FirstSearch, Internet) for use by library users.

Each student enrolled at the university receives an identification card that also serves as the Library Card for borrowing materials. In addition, all students are provided library brochures that acquaint them with the facilities, services, rules, and regulations governing use of the library and library materials. A handbook is also provided as a guide to the efficient use of the library.

Members of the public may gain access to Chesnutt Library services by joining the "Friends of the Charles W. Chesnutt Library." For information, call 910-672-1232.

University Police and Public Safety

Fayetteville State University strives to provide students with reasonable security while they are pursuing academic study and living in University residence halls. The Fayetteville State University Police Department is a campus law enforcement agency authorized by the Board of Trustees under Chapter 116 of the North Carolina General Statutes with full police powers equivalent to those of a Municipal Policy Agency.

The department is organized in three divisions: The Operations Division provides police patrol and crime prevention services to the campus twenty-four hours a day; the Administrative Division provides investigation services as well as twenty-four hour emergency telephone and police dispatch services; and the Traffic and Parking Division performs campus parking permit and parking citation functions. Night escort services between campus buildings may be requested by calling 672-1295. Answers to questions regarding parking may be requested 8:00 a.m. to 5:00 p.m., Monday through Friday by calling 672-1341.

University Testing Services

University Testing Services is a clearinghouse of information about testing and assessment resources. Scanning and scoring of test documents, surveys, and questionnaires are regularly provided as well as assistance with test administration. University Testing Services offers many programs and services to the Fayetteville State University and local communities. These services include computerized placement testing, computer-based interest and personality assessments, computerized test preparation for standardized tests such as the GRE, GMAT, SAT, and a comprehensive collection of assessment resources, including reference books and video presentations for test taking and study skills development.

Nationally administered test programs such as the Graduate Record Examination, Scholastic Assessment Tests, Graduate Management Admission Test, the PRAXIS Series Examinations, the Law School Admission Test, the Miller Analogies Test, the CLEP tests, and TOEFL are administered through University Testing Services.

In Fall 1998, University Testing Services became a Computer-Based Test site as it migrated to computer-based testing for some of its national test programs, including GRE, GMAT, NBPTS, the PRAXIS (Pre-Professional Skills Test), and the TOEFL. Computer-based testing is now available year-round. Examination candidates may make an appointment for a computer-based test by calling a toll-free number (refer to program specific Information Registration Bulletin) or University Testing Services at 672-1815 or 672-1301.

University Testing Services provides accommodations for examination candidates with special needs in accordance with the test administration provisions of the Americans with Disabilities Act (ADA). In order to reasonably accommodate an individual with a special need, the test center must be informed in advance of the testing appointment. To test under special conditions, the examination candidate must make arrangements with the testing company sponsoring the examination.

University Testing Services is a member of the National Collegiate Testing Association (NCTA), the Consortium of College Test Centers, the National Council on the Measurement in Education. UTS also endorses the *Professional Standards and Guidelines for Postsecondary Test Centers* and is guided by *Fair Test Policies* and the *Code of Fair Testing Practices.*

Upward Bound Program

Fayetteville State University's Upward Bound Program is funded by the U.S. Department of Education for the purpose of providing academic support services to high school students who meet the federal eligibility criteria. The program is designed to serve seven (7) target high schools (9-12) in Cumberland, Harnett and Hoke Counties, in North Carolina. In order to meet the selection criteria, students must be from low-income families, potential first generation college students and/or disabled. The goal of the program is to provide eligible students with academic support services and activities that will enhance their academic skills, thereby ensuring that these students will complete high school and enroll in and complete programs of post secondary education. The Upward Bound program consists of a nine-month Academic Year Component, a six-week residential summer component for program participants, and a Summer Bridge Program for recent high school graduates who participated in Upward Bound. For further information, call 910-672-1172.

Veterans Affairs

The Veterans Affairs Office, under the direction of the Student Support Services Department, is located in the Harris School of Business and Economics Building. This institution is approved by the North Carolina State Approving Agency for the enrollment of persons eligible for education assistance benefits from the United States Department of Veterans Affairs (VA). For information about monetary benefits contact the U.S. Department of Veterans Affairs Regional Office in Winston-Salem, NC at 1-800-827-1000. For information about the available programs at this institution contact the Campus Veterans Assistant Specialist at 910-672-1628.

Admissions

The university seeks to admit undergraduate students whose academic preparation is strong, who desire to succeed, and who are highly motivated academically, professionally, and personally.

Admissions Procedures

Applications may be obtained by writing, calling, or may be accessed online at http://www.uncfsu.edu/admissions/

Director of Admissions
Fayetteville State University
1200 Murchison Road
Newbold Station
Fayetteville, North Carolina 28301-4298
910-672-1371
Toll free: 800-222-2594
Fax: 910-672-1414

All prospective student applications, regardless of classification, must be accompanied by a **nonrefundable** $40.00 application fee.* The application for admission deadline dates are as follows:

First year and Transfer Students

- June 30 for Fall Semester
- December 1 for Spring Semester
- May 1 for Summer Session I
- June 1 for Summer Session II

Readmitted and Special Visiting Students

- August 18 for Fall Semester
- December 10 for Spring Semester
- May 5 for Intersession
- May 15 for Summer Session I
- June 15 for Summer Session II

All applications for admission received after the deadline dates will be considered on a space available basis only. Admission to the university does not guarantee admission to a professional teaching curriculum or any program that has specific requirements. Students are responsible for ensuring that all requested credentials are forwarded to the Office of Admissions prior to registration for the semester for which they wish to enroll.

Falsification of the application or of any academic records will make the applicant ineligible for admission or subject to dismissal if admission has already been granted.

The university accepts applications according to the guidelines outlined below.

**With the appropriate documentation, the Office of Admissions will waive the $40.00 non-refundable application fee for active military applicants (forms located on the Office of Admissions website). Also, FSU will waive the application fee for readmission students who have been away from the University for only one semester.*

Early Admission Program

The Early Admission Program provides the opportunity for promising high school students to take college-level courses while enrolled in high school. To be eligible, students must have completed their junior year, have an acceptable score on either the SAT I or the ACT (the writing component should be included with each test), and a cumulative grade point average of 3.0 or higher. The applicant must submit a formal application for admission and recommendations from counselors or the principal.

Minimum Course Requirements

All applicants must meet the following minimum course requirements to be eligible for admission:

- In **English**, four (4) course units emphasizing grammar, composition, and literature.
- In **mathematics**, four (4) course units in any of the following combinations:
  - **Algebra I and II, geometry, and one unit beyond Algebra II,**
  - **Algebra I and II, and two units beyond Algebra II, or**
  - Integrated Math I, II, and III, and one unit beyond Integrated Math III. **It is recommended that prospective students take a mathematics course unit in the twelfth grade.**
- In **science**, three (3) course units including at least one unit in a life or **biological science** (for example, biology), at least one unit in a **physical science** (for example, physical science, chemistry, physics), and at least one **laboratory course**;
- In **social studies**, two (2) course units including one unit in **U.S. history**, but an applicant who does not have the unit in U.S. history may be admitted on the condition that at least three semester hours in that subject will be passed by the end of the sophomore year;
- In **foreign language**, two (2) units of language other than English.

Applicants who graduated prior to 2006 may be exempted from the 4th unit mathematics requirement.
Applicants who graduated prior to 2004 may be exempted from the 2-year foreign language requirement.
Applicants who are at least 24 years of age may be exempted from the UNC Minimum Course Requirements.

Course units as defined in these requirements may include those high school-level courses taken and passed by an applicant after graduating from high school, as well as those taken while enrolled as a high school student.

First-Year Students

A first-year student is defined as any applicant who has not taken any college-level coursework **after completing high school.** Fayetteville State University seeks to admit students whose academic preparation is strong, who desire to succeed, and who are highly motivated academically, professionally, and personally.

In reaching admissions decisions the following information is considered: overall academic performance and grades, curriculum, rank in class (if available), standardized test scores and, if provided, a writing sample. While letters of recommendation are not required, they provide additional information regarding the applicant's accomplishments. The university's Admissions Office implements the established academic policies and requirements that define the necessary qualifications and credentials for admission.

In addition to meeting the minimum course requirements listed above, applicants must provide or meet the following requirements:

1. Graduate from an accredited high school or its equivalent. (A high school equivalency certificate or G.E.D may be submitted in lieu of a high school diploma).
2. Submit an official copy of the high school transcript showing grades earned through the junior year, courses in progress in the senior year, rank in class (if available) and a cumulative grade point average.
3. Must meet the minimum grade point average requirement as established by the university.

4. Must submit the results of the SAT or ACT college entrance examination with the writing component and meet the minimum test score requirement as established by the university.
5. Submit a Personal Statement (250 words) that expresses who you are and why you want to attend FSU.
6. A passing score on all sections of the North Carolina Competency Examination.

High school applicants will be required to meet these minimum standards:

1. North Carolina residents: 2.5 cumulative GPA and an 800 SAT score (critical reading and math combined) or a 17 ACT composite score.
2. Out-of-state residents: 2.5 cumulative GPA and an 830 SAT score (critical reading and math combined) or a 17 ACT composite score.

Transfer Students

A transfer student is defined as any applicant who enrolled in a college or university after graduating from high school. All qualified transfer applicants for undergraduate admission should meet the following standards:

1. Transfer applicants must be eligible to return to the last institution in which they are enrolled.
2. Transfer applicants must have at least cumulative 2.0 GPA or higher.
3. Transfer applicants who have earned less than twenty four (24) transferable credits must meet all first time student requirements. However, transfer students may be exempt from first time student requirements (high school transcripts, standardized test scores and high school courses) who fall into one of the following categories:
   - Applicants who were awarded the high school diploma prior to 1988 and/or are at least twenty one (21) years of age.
   - Applicants who have earned an associate of arts or associate of science.
   - Applicants who have completed at least twenty four (24) transferable credits.
4. Submit an official transcript from each college or university attended. (Sent directly to the Office of Admissions from the Registrar's Office of the previous institutions attended).
5. Submit military records (if applicable).
6. Submit a writing sample (recommended).

Acceptance of Transfer Credits

Transfer student transcripts will be evaluated on the basis of the following policies:

1. All transfer credits for courses that can be applied to any FSU degree program and in which a student earned a grade of C or higher will be accepted. Students may appeal exclusions of transfer credits within one year of enrollment. Appeals should be directed to the appropriate academic department.
2. Full credit will be awarded only for courses in which a grade of C or higher was earned and are non-remedial or non-developmental.
3. Transfer credits will be used to fulfill program requirements or as electives at the discretion of the appropriate department chair and dean.
4. Credentials for transfer students will be officially evaluated only after an applicant has been accepted and all official transcript(s) have been received.
5. Grades transferred from other institution(s) are not considered in computing the grade point average at Fayetteville State University.
6. No more than 64 hours of credit will be awarded for credits earned at a two year institution unless otherwise authorized by a specific dual enrollment or articulation agreement.

The North Carolina Comprehensive Articulation Agreement (CAA) between the University of North Carolina System and North Carolina Community College System takes precedence over bilateral articulation agreements previously established between Fayetteville State University and North Carolina Community

Colleges. The university will accept transfer credits in accordance with the CAA relative to the General Education transfer core; for graduates with the Associate in Arts and Associate in Science degree. Transfer credit for the Fine Arts and Applied Science degree courses, general education core courses for non-graduates, and transfer courses not originated at North Carolina Community Colleges will be awarded on a course-by-course basis according to Section V of the CAA.

Transfer from Non-Accredited Institutions

Transfer credits accepted for courses taken from a non-accredited institution are conditional and will not be considered by the Dean of the respective College/School or department chair, nor will they be validated until students have maintained a 2.0 average or higher for two (2) consecutive semesters.

Credits from Military Schools and Experiences

Academic departments determine transfer equivalences for military-based credit. Credits for courses from military service schools and for military service experience are based on recommendations published in the *Guide to the Evaluation of Education Experiences in the Armed Services* by the American Council on Education. Students seeking credit for military service experience must provide official documentation (an AARTS transcript, for example) relative to the experience, service school, or military occupational specialties. The Department of Criminal Justice does not accept military credit for CRJC courses but may accept them for free electives.

Credit for Basic Health and Physical Education

Veterans and active duty service members may receive a total of three (3) credit hours for basic health and physical education requirements at the first-year level when a copy of their Report of Separation (DD Form 214) or a copy of the Enlisted Records Brief (ERB) has been provided to the Director of Admissions.

Readmitted Students

Students who have not attended the university for **less than** two consecutive semesters, are in good academic standing, and have not attended another institution, please visit http://www.uncfsu.edu/registrar.

Students who have not attended the university for **two or more** consecutive semesters (fall and spring or spring and fall) must file a complete application with a $40.00 non-refundable fee and furnish official transcripts from all institutions attended since their last enrollment. Subsequent to readmission, former students must receive clearance from the Office of Business and Finance, Student Affairs, and the Registrar.

Applicants for readmission who had a cumulative grade point average below 2.0 in their last semester of enrollment must successfully complete the appeal process (see "Catalog Policy", in "Academic Regulations"). If the appeal is approved, the applicant must submit an application to the Office of Admissions. Applicants who successfully appeal, have been readmitted by the Office of Admissions, and have received clearance from the Office of Business and Finance, Student Affairs, and the Registrar will be placed in the Student Success Program.

Students suspended more than two times will be permitted to re-enroll only under the provisions of the Academic Fresh Start Policy.

Students readmitted to the university will be subject to the degree requirements in effect at the time of readmission (see "Catalog Policy", in "Academic Regulations").

Second Degree Seeking Students

Students who have earned a bachelor's degree from an accredited institution may apply for a second degree by doing the following:

1. Submit an application along with a non-refundable $40.00 application fee to the Office of Admissions.
2. Submit official transcript(s) from all previously attended colleges/ universities.
3. Select a major field that differs from that of the first degree awarded.

Special Visiting Students

Special Visiting Students are defined as those who are taking courses for reasons other than earning a degree. Those applying for Special Visiting Student status are required to submit an application with a non-refundable $40.00 fee and to furnish one of the following credentials:

1. Official high school transcript or equivalency certificate.
2. Official transcript of any other university, college, technical institution, junior or community college attended.

Applicants accepted as special visiting students must apply for full admission to the university when they earn 30 credits at FSU. However, credit earned as a visiting student cannot be used to establish eligibility for admission to FSU.

International Students

International applicants are students who do not hold United States citizenship or resident alien status. The Office of Admissions requires the following information from an international applicant to be considered for undergraduate admission.

1. A completed application form with a non-refundable $40.00 application fee in U.S. dollars.
2. Certified copy of official school transcripts—secondary and/or post-secondary. All freshman applicants are required to submit an official transcript from their secondary school. All foreign academic transcripts must be evaluated by WES or a NACES approved evaluation service and translated into English.
3. Official TOEFL (Test of English as a Foreign Language) score report. International English Language Testing System (IELTS) or SAT/ACT as required. The test score report should be no more than two years old.
4. Certified bank or scholarship letter, no more than six months old, addressed to Fayetteville State University verifying the availability of funds to cover tuition, fees, and other direct costs associated with enrolling at the university.

Residence Status for Tuition Purposes

The basis for determining the appropriate tuition charge rests upon whether a student is a resident or nonresident for tuition purposes. Each student must make a statement as to the length of his or her residence in North Carolina, with assessment by the institution of that statement to be conditioned by the following.

Residence -To qualify as a resident for tuition purposes, a person must become a legal resident and remain a legal resident for at least twelve months immediately prior to classification. Thus, there is a distinction between legal residence and residence for tuition purposes. Furthermore, twelve months legal residence means more than simple abode in North Carolina. In particular, it means maintaining a domicile (permanent home of indefinite duration) as opposed to maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education. The burden of establishing facts which justify classification of a student as a resident entitled to in-state tuition rates is on the applicant for such classification, who must show his or her entitlement by the preponderance (the greater part) of the residentiary information.

Initiative - Being classified a resident for tuition purposes is contingent on the student's seeking such status and providing all information that the institution may require in making the determination.

Parents Domicile - If an individual, irrespective of age, has living parent(s) or court-appointed guardian of the person, the domicile of such parent(s) or guardian is, prima facie, the domicile of the individual; but this prima facie evidence of the individual's domicile may or may not be sustained by other information. Further, non-

domiciliary status of parents is not deemed prima facie evidence of applicant child's status if the applicant has lived (though not necessarily legally resided) in North Carolina for the five years preceding enrollment or re-registration.

Effect of Marriage - Marriage alone does not prevent a person from becoming or continuing to be a resident for tuition purposes, nor does marriage in any circumstance ensure that a person will become or continue to be a resident for tuition purposes. Marriage and the legal residence of one's spouse are, however, relevant information in determining residentiary intent. Furthermore, if both a husband and a wife are legal residents of North Carolina and if one of them has been a legal resident longer than the other, then the longer duration may be claimed by either spouse in meeting the twelve-month requirement for in-state tuition status.

Military Personnel and Dependents - A North Carolinian who serves outside the state in the armed forces does not lose North Carolina domicile simply by reason of such service. And students from the military may prove retention or establishment of residence by reference, as in other cases, to residentiary acts accompanied by residentiary intent.

Any active duty member of the armed services qualifying for admission to Fayetteville State University but not qualifying as a resident for tuition purposes shall be charged the in-state tuition rate and applicable mandatory fees for enrollment while the member of the armed services is abiding in this State incident to active military in North Carolina.

Any dependent relative of a member of the armed forces who is abiding in North Carolina will be eligible to pay the in-state tuition rate, if the dependent relative qualifies for admission to Fayetteville State University. In the event the member of the armed services is reassigned outside the State of North Carolina, the dependent relative shall continue to be eligible to receive in-state tuition and applicable mandatory fees so long as the dependent relative is continuously enrolled in a degree program.

To be considered for this benefit the applicant must submit a military residency application.

Grace Period - If a person (1) has been a bona fide legal resident of the required duration, (2) has consequently been classified as a resident for tuition purposes, and (3) has subsequently lost North Carolina legal residence while enrolled at a public institution of higher education, that person may continue to enjoy the in-state tuition rate for a grace period of twelve months measured from the date on which North Carolina legal residence was lost. If the twelve months ends during an academic term for which the person is enrolled at a State institution of higher education, the grace period extends, in addition, to the end of that term. The fact of marriage to one who continues to be domiciled outside North Carolina does not by itself cause loss of legal residence marking the beginning of the grace period.

Minors - Minors (persons under 18 years of age) usually have the domicile of their parents, but certain special cases are recognized by the residence classification statute in determining residence for tuition purposes.

1. If a minor's parents live apart, the minor's domicile is deemed to be North Carolina for the time period(s) that either parent, as a North Carolina legal resident, may claim and does claim the minor as a tax dependent, even if other law or judicial act assigns the minors domicile outside North Carolina. A minor thus deemed to be a legal resident will not, upon achieving majority before enrolling at an institution of higher education, lose North Carolina legal residence if that person (1) upon becoming an adult, acts, to the extent that the person's degree of actual emancipation permits, in a manner consistent with bona fide legal residence in North Carolina and (2) begins enrollment at an institution of higher education not later than the fall academic term following completion of education prerequisite to admission at such institution.
2. If a minor has lived for five or more consecutive years with relatives (other than parents) who are domiciled in North Carolina and if the relatives have functioned during this time as if they were personal guardians, the minor will be deemed a resident for tuition purposes for an enrolled term commencing immediately after at least five years in which these circumstances have existed. If under this consideration a minor is deemed to be a resident for tuition purposes immediately prior to his or her eighteenth birthday, that person on achieving majority will be deemed a legal resident of North Carolina

of at least twelve months duration. This provision acts to confer in-state tuition status even in the face of other provisions of law to the contrary; however, a person deemed a resident of twelve months duration pursuant to this provision continues to be a legal resident of the State only so long as he or she does not abandon North Carolina domicile.

Lost but Regained Domicile - If a student ceases enrollment at or graduates from an institution of higher education while classified a resident for tuition purposes and then both abandons and reacquires North Carolina domicile within a twelve-month period, that person, if he or she continues to maintain the reacquired domicile into re-**enrollment** at an institution of higher education, may re-enroll at the in-state tuition rate without having to meet the usual twelve-month duration requirement. However, any one person may receive the benefit of this provision only once.

Change of Status - A student admitted to initial enrollment in an institution (or permitted to re-enroll following an absence from the institutional program which involved a formal withdrawal from enrollment) must be classified by the admitting institution either as a resident or as a nonresident for tuition purposes prior to actual enrollment. A residence status classification once assigned (and finalized pursuant to any appeal properly taken) may be changed thereafter (with corresponding change in billing rates) only at intervals corresponding with the established primary divisions of the academic year.

Transfer Students - When a student transfers from one North Carolina public institution of higher education to another, he or she is treated as a new student by the institution to which he or she is transferring and must be assigned an initial residence status classification for tuition purposes.

Prevailing North Carolina Law - General Statute (G.S.) 116-143.1 is the prevailing statute governing residence status classification. Copies of the applicable law and of the implementing regulations are available for review in the Office of Admissions, First Floor, William R. Collins Building.

Expenses

Tuition and Fees

Rates for tuition and fees are established by the North Carolina General Assembly, the University of North Carolina, the President of the University of North Carolina, and Fayetteville State University. The university reserves the right to change fees and expenses without prior notice to the students or the general public. Prior notification of change will be provided whenever possible.

The tuition and fees include state tuition (in-state and out-of-state rates), activities and service fees, and insurance. Additional charges for room and board are assessed to students who reside on campus. All students who reside on campus are required to purchase a meal plan. Optional meal plans are available to commuting students. In addition to these basic costs, other fees and expenses may be charged to students for special services. A complete list of current tuition, fees, and other expenses is available at the cashier's office or online at http://www.uncfsu.edu/bursar/fees.htm.

Method of Payment

Tuition, fees, and room and board charges are due by the last day of late registration for each semester or term. Payments can be made by cash, cashier's check, personal check, money order, credit or debit card, third-party sponsors, or financial aid. Students planning to use financial aid to pay their bills must meet all financial aid application deadlines to ensure availability of funds at the time of registration. Students with an account balance after the last day of late registration must enroll in a monthly payment plan with Tuition Management Systems (TMS) or their registration will be dropped for nonpayment. Students can contact TMS at 1-888-463-6994 or online at www.afford.com/uncfsu. The monthly payment plan is ***not*** available for summer sessions.

Military Personnel and Dependents

Any active duty member of the armed services qualifying for admission to Fayetteville State University but not qualifying as a resident for tuition purposes shall be charged the in-state tuition rate and applicable mandatory fees for enrollment while the member of the armed services is abiding in this State incident to active military in North Carolina.

Any dependent relative of a member of the armed forces who is abiding in North Carolina will be eligible to be charged the in-state tuition rate if the dependent relative qualifies for admission to Fayetteville State University. In the event the member of the armed services is reassigned outside the State of North Carolina, the dependent relative shall continue to be eligible to receive in-state tuition and applicable mandatory fees so long as the dependent relative is continuously enrolled in a degree program.

To be eligible for the in-state tuition rate the applicant must submit a military residency application by the deadline established by the Admissions Office.

Tuition Surcharge

All new undergraduates seeking a baccalaureate degree at Fayetteville State University will be subject to a 50% tuition surcharge if they take more than 140 credit hours to complete a four-year degree program or more than 110% of the required credit hours to complete the officially designated five-year program.

Note: The State Scholarship Program for Children of War Veterans administered by the North Carolina Division of Veterans Affairs will not cover the 50% tuition surcharge. Responsibility for the surcharge will be placed on the student.

Credit Hours Included in Calculation of Tuition Surcharge

The undergraduate credit hours to be counted for this requirement include: (1) all regular session degree-creditable courses taken at FSU, including repeated courses, failed courses, course withdrawals,; and (2) all

transfer credit hours accepted by FSU. However, this calculation excludes the following credit hours: (1) those earned through the College Boards Advanced Placement (AP) and College Level Examination Program (CLEP) or similar programs; (2) those earned through institutional advanced placement, course validation, or other similar procedures for awarding course credit; and (3) those earned through the summer session or degree-credit extension division at FSU or at another UNC institution.

Students Subject to the Surcharge

The surcharge shall be imposed on all counted credit hours in excess of the threshold defined below for each of the following three categories of undergraduates:

1. For students earning a first baccalaureate degree in a program that requires no more than 128 credit hours, the surcharge shall be applied to all counted credit hours in excess of 140.
2. For students earning a first baccalaureate degree in a Board-approved program that requires more than 128 counted credit hours, the surcharge shall be applied to all credit hours that exceed 110% of the credit hours required for the degree. Such programs include those that have been officially designated by the Board of Governors as five-year programs, as well as those involving double majors or combined bachelors/masters degrees.
3. For students earning a baccalaureate degree other than the first, the surcharge shall be applied to all counted credit hours that exceed 110% of the minimum additional credit hours needed to earn the additional baccalaureate degree.

Students Exempt from the Surcharge

The surcharge shall not be imposed on undergraduates who:

1. Complete a first baccalaureate degree program that has not been officially designated by the Board of Governors as a five-year program and whose counted credit hours were earned in eight or fewer regular term semesters or the equivalent; or
2. Complete a first baccalaureate degree program that has been officially designated by the Board of Governors as a five-year program and take their counted credit hours in 10 or fewer regular term semesters or the equivalent.

Calculation of the Surcharge

The surcharge shall be imposed on tuition charged in the current semester and in subsequent semesters for students whose cumulative credit hour total - including that semester's course load - exceeds the threshold. The surcharge does not apply to required fees.

Refunds/Adjustments of Tuition and Fees

Refunds and/or adjustments of tuition and fees will be made only to students who withdraw from **all** classes in which they are enrolled for the semester, and who complete the official process for withdrawing from the university (see next section). Students wishing to withdraw from all classes must initiate the withdrawal process by reporting to the Center for Personal Development located in room 155 of the Spaulding Building. **Students who fail to complete the official withdrawal process will not be eligible for any refund or adjustment of tuition, fee, or room and board charges. Ceasing class attendance does not constitute official withdrawal from the university.** According to the university's Undergraduate Attendance Policy, students with excessive class absences in courses at the 100 and 200 level may be withdrawn from classes by instructors. **Students withdrawn from class due to non-attendance are not eligible for any refund or adjustment of tuition and fees.**

Official University Withdrawal Process

Before deciding to withdraw from the university, a student should consult with his or her advisor to discuss the reasons for the withdrawal, and the student's plan for continuing his or her education. If the student and advisor conclude that withdrawal from the university might be the best option, the student must complete the official university withdrawal process, which is initiated in the Center for Personal Development located in the Spaulding Building, Room 155. The appropriate steps in the process are as follows:

1. Upon entering the Center for Personal Development, the student will be asked to discuss the reasons for the possible withdrawal. If unable to resolve the problems, the counselor will ask the student to complete the online withdrawal form. If this is a telephone conversation, the form will be emailed to the student's Bronco email account to process.
2. Upon the student submitting the form, it is directed to the Office of the Registrar for processing. The Registrar's Office will alert the student's advisor, chair and/or dean of the school or college for final review. The official date of the student's withdrawal from the university is based on the date when the Registrar approves the form.
3. Upon completion, the Registrar will contact Financial Aid, Student Accounts, and Student Auxiliaries (Bookstore, Police Office, Post Office, Library, Residence Life, and Bronco One Card Office). These offices will make the appropriate adjustment to the student's account and notify the student of any remaining balance or refund of tuition and fees paid or any additional steps they must take to complete their withdrawal from the University.
4. When extreme emergencies prevent a student from completing the withdrawal before the published deadline and they do not meet the requirements for withdrawing for extenuating circumstances, the student must make the request for withdrawal from the university, in writing, to the Provost and Vice Chancellor for Academic Affairs. This request must include documentation of the circumstances that prevented the student from completing the process according to published deadlines. Such requests must be made by the end of the next regular semester after the semester for which the university withdrawal is requested.

The university will not make any refund of tuition/fees or room and board charges until four (4) weeks after the student completes the official withdrawal process. All refunds will be made by the method selected by the student for their student refunds. After the end of the official withdrawal period, which is ten (10) weeks for the Fall and Spring Semesters and four (4) weeks for the Summer Sessions, adjustments can be granted only if exceptional circumstances are documented. Also within the official withdrawal period, students may request an increased withdrawal adjustment if exceptional circumstances are documented. These requests must be submitted with the appropriate documentation to the Vice Chancellor for Business and Finance. After an administrative review, the university will notify the student of its decision.

A student is not officially withdrawn from the university unless and until he/she has completed the withdrawal process. The official withdrawal date is the date that the process was initiated if the student or their designee returns the form within ten (10) calendar days of that date. The following adjustment schedules are based on the first day that classes officially begin and not when a student actually begins attending classes or completes the registration process.

When a student withdraws, the university uses the schedule below to determine the percentage adjustment that will be made to the students tuition and fee cost. Once the students balance has been adjusted, the amount the student has paid will then be deducted from the student's adjusted balance to determine if the student is due a refund or if there still remains indebtedness to the university.

Withdrawal Adjustment Schedule - All Semesters	
NOTE: Withdrawal from ALL classes (Adjustment includes Room and Board and is based on percentage of course completion)	
Prior to course start date to 6.5% complete	100%

6.6% to 13.0% course completion	90%
13.1% to 19.5% course completion	80%
19.6% to 26.0% course completion	70%
26.1% to 32.5% course completion	60%
32.6% to 39.0% course completion	50%
39.1% to 45.5% course completion	40%
45.6% to 52.0% course completion	30%
52.1% to 58.5% course completion	20%
58.6% to 65.0% course completion	10%
65.1% and Thereafter	

Refunds/Adjustments for Individual Classes

Tuition and fee adjustments will be made only for courses dropped during the university's designated drop/add periods. A student may complete an individual class withdrawal form after the close of the drop/add period, but no adjustment of tuition and fees will be made for withdrawing from individual classes. The drop/add and withdrawal procedures apply only to students enrolled in more than one class. Students enrolled in only one class who wish to drop or withdraw from that class must go through the official university withdrawal process outlined in the previous section. A full refund of tuition and fees will be made for classes canceled by the university.

Room/Board Adjustments

No adjustment of room and board charges will be made for any student who remains at the university, but who wishes to make housing changes (example: between residence halls, on/off campus) after the tenth week of the Fall or Spring Semesters. Additional room and board adjustments may be granted when a) the student withdrawals from the university, b) the student is called for military deployment, c) a medical emergency, or d) a financial hardship, all dorm and meal plan adjustments require supporting documentation and must be approved by the Director of Residence Life or designee.

Student Medical Insurance

The university requires all undergraduate and graduate students who are enrolled in six or more credit hours on the main campus to have medical insurance and provides a medical insurance plan for each student. Medical insurance fees are automatically assessed as part of a student's overall tuition and fees. A student may waive the medical insurance fee for the entire fiscal year by completing an insurance waiver form at the beginning of the fall semester or by completing the waiver form by the last day of posted registration for each semester online only at www.studentinsurance.com. **Documentation of proof of insurance is needed to waive the student medical insurance fee.**

Indebtedness to the University

All indebtedness to the university must be satisfactorily settled before a diploma or transcript of record will be issued. A student who is indebted to the university will not be permitted to re-enroll in subsequent terms unless such indebtedness has been satisfied. A student who is delinquent in his/her payment of a student education loan is treated as one indebted to the university. Any cost associated with the collection of a past due or delinquent indebtedness will be borne by the student.

Financial Aid

Fayetteville State University seeks to ensure that qualified students will not be denied the opportunity to attend this university because of a lack of financial resources. The Office of Financial Aid, located on the lower floor of the Lilly Building, provides information and assistance to students applying for financial aid. Inquiries about financial aid should be directed to:

Office of Financial Aid
Fayetteville State University
1200 Murchison Road
Fayetteville, NC 28301-4298
910- 672-1325
800-368-4210

All applicants should be aware that the financial aid application review process is lengthy. Applicants can avoid unnecessary delays in the processing of their applications by submitting all application materials by the published deadlines and making sure that all information provided on the application is correct and complete. Since financial aid funds are limited, students will increase their chances of receiving aid by applying by the priority date of March 1.

Eligibility Criteria

To be eligible to receive financial aid assistance by the Office of Financial Aid, the applicant must:

1. Be admitted and currently enrolled in at least half time status as an undergraduate or graduate student;
2. Be enrolled in a degree-seeking program at Fayetteville State University;
3. Be a U.S. citizen, permanent resident or eligible non-citizen;
4. Make satisfactory academic progress (See "Satisfactory Academic Progress,") toward the completion of his or her academic program;
5. Not be in default status on any Title IV aid from a previous enrollment period;
6. Complete the Free Application for Federal Student Aid (FAFSA) by the priority deadline of March 1.

Eligibility for most financial aid programs administered by the Office of Financial Aid is based on "Financial Eligibility" as demonstrated on the Institution Information Student Report (ISIR). Eligibility need is the difference between the costs to attend college and what the applicant and his or her family can reasonably afford to contribute toward the student's education. Graduate students are eligible for unsubsidized student loans.

Total Educational Cost	**-**	**Expected Family Contribution (EFC) (Based on congressional calculation)**	**=**	**Eligibility (Need)**

A student's eligibility for financial aid is determined by the U.S. Department of Education from information provided on the Free Application for Federal Student Aid (FAFSA), which is often referred to as the need analysis document. A need analysis is a systematic method of measuring the ability of the student to pay for educational costs, and student's eligibility to receive funds from federal, state, institutional, and/or other financial aid programs.

Deadlines

Students making initial application for aid from federal or state sources, as well as students seeking renewal of financial aid from these sources, must submit completed applications by the priority deadlines below to ensure funding notification prior to the anticipated enrollment period. To be complete, an application must include

accurate data and all supporting documentation, including all required materials if the application is selected for verification by the U.S. Department of Education.

Term for which aid is requested	Priority Deadline for FAFSA filing
Academic Year	March 1
Summer School	May 1

To apply for Federal Loans and/or Plus Loans, you must have a completed Financial Aid file by the applicable Deadline date.

Term for which loan is requested	Deadline
Fall Semester	November 1
Spring Semester	April 15
Summer Session I	May 1
Summer Session II	June 1
You must complete a Renewal or New Free Application for Federal Student Aid (FAFSA) each Academic year by: March 1	

Default Policy

Students whose financial aid has been terminated because they have defaulted on a student loan at a previous institution(s) or at Fayetteville State University may become eligible for reinstatement of financial aid when the U.S. Department of Education submits, in writing, to the Office of Financial Aid at Fayetteville State University that the student is "No Longer in Default."

A student whose default status is cleared by the U.S. Department of Education will be eligible to receive funding for which that student qualifies.

Warning to All Financial Aid Applicants

Information provided by applicants may be verified by the university, the state, or by the U.S. Department of Education. Applicants may be asked to provide U.S. Income Tax returns, non-filing documents, untaxed income verification, and other requested documents. Applicants who do not provide these records will not be awarded federal student aid. If federal student aid is awarded based on incorrect information provided on the FAFSA by the student and/or documentation submitted to the Office of Financial Aid, the applicant will have to pay it back, in addition to fines and fees. If an applicant gives false or misleading information on the application, the applicant may be fined $10,000, sent to prison, or both.

Steps for Applying for Financial Aid

To be eligible for scholarships, grants, work-study, and/or loans, students must complete each of the following steps.

1. Complete the Free Application for Federal Student Aid (FAFSA) - This form can be obtained at www.fafsa.ed.gov. The FAFSA must be filed to determine a student's financial need and eligibility for financial aid at Fayetteville State University.
2. Verification - The U.S. Department of Education randomly selects a certain percentage of financial aid applications for verification. Students whose applications are selected for verification will be contacted by CFI School Services (College Foundation Incorporated). If you receive an email from

verification@SSCwp.org or echosign.com, please respond immediately. For questions regarding the verification process or CFI School Services, please go to www.SSCwp.org or call 1-855-328-4400. You will need to submit requested documents to Shared Services. If you do not submit requested documents in a timely manner, your award letter will be delayed.

3. Award Letter - When the review process is complete, the student will receive an award letter. The award letter is also available in Banner Self Service. Students who receive an award letter should go to Banner Self Service at https://ssbprod11g.uncfsu.edu/pls/FSUPROD/twbkwbis.P_WWWLogin to accept, reduce, or decline their federal student loans. Loan funds will not pay to student accounts unless they are accepted on Banner Self Service. In Banner, students can view their financial aid status at any time. They can also view any outstanding requirements, view their student account summary, and view and pay bills.
4. Summer School – Applicants must submit a separate summer school application that is available online and will be due by May 15 for Summer Session 1 and June 15 for Summer Session 2.

Federal Financial Aid Available

Students who meet all eligibility requirements for financial aid will be awarded a financial aid package that combines funds from one or more of the following funds:

Federal Pell Grants

The Pell Grant Program provides federal grant funds for needy students who have not completed a first bachelor's degree. To be eligible, the student must demonstrate financial eligibility as determined by the U.S. Department of Education. At Fayetteville State University, these grants range from $626 - $5,775 for the 2015-2016 academic year.

The Consolidated Appropriations Act, 2012 (Public Law 112-74), was passed into law limiting the number of semesters a student may receive Federal Pell Grant funding from eighteen (**18) semesters or 900% to twelve (12) semesters or 600%**. Students may not appeal their Pell Grant eligibility; the Federal Pell Grant limits have been set by the U.S. Department of Education.

Federal Supplemental Educational Opportunity Grant (SEOG)

These federal grant funds administered by the university are awarded to students who have not completed degree requirements for a bachelor's degree, and who demonstrate exceptional financial need on the FAFSA. The grants can range from $100 to $4,000 per award year and are awarded to the neediest students (ordinarily students with a zero EFC) as allowable based on the availability of funds.

Federal TEACH Grant Program (TEACH)

The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program provides grants of up to $4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. Each grant recipient agrees to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students. Grant recipients must teach for at least four academic years within eight calendar years of completing the program of study for which they received a TEACH Grant. IMPORTANT: If a grant recipient fails to complete this service obligation, all amounts of TEACH Grants received will be converted to a Federal Direct Unsubsidized Loan which must then be repaid to the U.S. Department of Education. In this event, recipients will be charged interest from the date the grant(s) was disbursed. Note: TEACH Grant recipients will be given a 6-month grace period prior to entering repayment if a TEACH Grant is converted to a Direct Unsubsidized Loan.

Federal Work Study Program (FWSP)

This federally funded employment program is administered by the university and provides part-time jobs on the Fayetteville State University campus for students who have financial eligibility as demonstrated on the FAFSA. Students normally work eight to ten hours per week in a University facility. Wages paid are at least at the minimum wage rate and are used to assist the student in meeting educational expenses.

Federal Perkins Loan Program (Formerly the National Direct/Defense Student Loan - NDSL)

The Perkins Loan Program is a federal loan program administered by the university to provide students with exceptional financial need long-term, low interest (5%) loan funds for educational expenses. Under this program students may borrow up to $5,500 per year as undergraduates and $8,000 per year as graduate students to finance their education and must repay the loan after leaving school.

Repayment begins nine months after graduation or after the student ceases to be enrolled at least on a half-time basis. The student may take up to ten years to repay the loan. Interest on the loan does not begin to accrue until the end of the nine-month grace period. All or a portion of the loan can be canceled by teaching in certain approved areas, by specified military service, by working in the law enforcement field, or by service as a Peace Corps or VISTA volunteer. The student must demonstrate financial need on the FAFSA to qualify for this program. A promissory note must be signed in the Perkins Loans Office for each academic period for which Perkins funds are received. Perkins funding is based on availability of funds.

The William D. Ford Federal Direct Loan Program

The William D. Ford Federal Direct Loan Program is divided between subsidized and unsubsidized loans. These loans provide assistance to students in meeting educational expenses. Interest is deferred on the principal of the subsidized loan while the student maintains continuous enrollment. Depending on eligibility or unmet cost of attendance, a student may borrow up to:

- $5,500 a year during the first year;
- $6,500 a year during the second year of undergraduate study;
- $7,500 a year for students with junior or senior status.

To apply for William D. Ford Direct Loans, the student must have completed the Financial Aid process by the applicable deadline dates:

Fall Semester	November 1
Spring Semester	April 15
Summer Session I	May 1
Summer Session II	June 1

Students must complete a Renewal or FAFSA each academic year by March 1 to be considered for loans.

William D. Ford Federal Direct Plus Loans

Direct Plus Loans are loans for the parents of dependent students and for graduate/ professional students. PLUS loans help pay for education expenses up to the cost of attendance minus all other financial assistance. Interest is charged during all periods. The student must complete a FAFSA to determine eligibility for financial aid funds prior to the completion of the PLUS promissory note and a credit check will be performed.

To apply for Direct Plus Loans, the student must have completed the Financial Aid process by the applicable deadline dates:

Fall Semester:	November 1

Spring Semester:	April 15
Summer Session I:	May 1
Summer Session II:	June 1

Students must complete a Renewal or FAFSA each academic year by March 1 to be considered for loans.

State Scholarships and Grants for NC Residents

The State of North Carolina offers a variety of aid for NC residents. A current and complete list of grants, scholarships, and application criteria is available at http://www.cfnc.org/paying/schol/info_schol.jsp.

Institutional Scholarships and Grants

Fayetteville State University offers a variety of institutional scholarships and grants. A current and complete list of scholarships, selection criteria, and application materials is available at the Fayetteville State University website at http://finaid.uncfsu.edu/scholarshipindex.htm.

Satisfactory Academic Progress

Financial aid recipients (both undergraduates and graduate students) must make satisfactory academic progress to maintain eligibility for financial aid. Fayetteville State University defines satisfactory academic progress in quantitative and qualitative terms. Students are evaluated for satisfactory academic progress at the end of each semester, at which time students must have earned at least 67% of their attempted hours with a minimum GPA of 2.0 for an undergraduate student and a minimum GPA of 3.0 for a graduate student. Students whose total of attempted hours (including all transfer hours) exceeds 180 for an undergraduate student and 54 for a graduate student may re-enroll if their GPA is 2.0 or higher for an undergraduate student and 3.0 or higher for a graduate student, but will be ineligible for financial aid without successfully appealing through the Academic Appeals Committee for a one time only approval of maximum hours. Students will be evaluated for financial aid eligibility at the end of each semester and will be notified by the Academic Appeals Committee of their eligibility status. Students may appeal their financial aid eligibility by following the process delineated below in the section titled "Appeal Procedure".

Status	**GPA**	**Consequences**
Good Standing	2.0 or higher	Student eligible for continued enrollment and may be eligible for financial aid (see Financial Aid, "Satisfactory Academic Progress").
Financial Aid Probation	Cumulative GPA below 2.0 at the end of the fall semester	Student eligible for continued enrollment and may be eligible for financial aid to achieve good standing (see Financial Aid, "Satisfactory Academic Progress"). Students on probation will not be permitted to register without meeting with their officially assigned advisor and preparing an Academic Success Plan. Student's enrollment is limited to 14 hours. (Students on probation will sometimes be advised to delay subsequent enrollment to resolve the problems causing poor performance.)

Suspension	Cumulative GPA below 2.0 at the end of the spring semester	Student ineligible for continued enrollment and ineligible for financial aid unless suspension is successfully appealed. Students who successfully appeal suspension will be placed on suspension/ reinstatement and required to participate in the Student Success Program. Students who appeal suspension, but then are suspended more than twice will not be permitted to re-enroll unless they improve status in summer school or participate in Academic Fresh Start. A Student Success Counselor will be assigned to suspended students. The counselor will assist students in taking steps to achieve eligibility for re-enrollment.
Financial Aid Warning	The university evaluates Satisfactory Academic Progress at the end of each payment period and determines that the student did not meet 2.0 and 67% requirements.	Student eligible for continued enrollment and financial aid for one more semester to achieve good standing. Students on financial aid warning will not be permitted to register without meeting with their officially assigned advisor and preparing an Academic Success Plan. Student enrollment is limited to 14 hours. (Students on probation will sometimes be advised to delay subsequent enrollment to resolve the problems causing poor performance.)

Academic Suspension – If a student's GPA is below 2.0 for the first time at the end of the spring semester, the student will be placed on academic suspension, but will be allowed continued enrollment. However, the student must successfully appeal for continued financial aid eligibility.

If a student's GPA is below 2.0 for the second time at the end of the spring semester, the student will be placed on academic suspension, will not be eligible for financial aid, and will not be permitted to re-enroll without successfully appealing academic suspension or attending summer school to improve the GPA (see "Academic Regulations" for appeal procedures).

A student who is placed on suspension more than two times will not be permitted to re-enroll except through the provisions of the Academic Fresh Start program (see "Academic Regulations" for guidelines).

A student who has a cumulative GPA below 2.0 and withdraws from the university during the spring semester will be evaluated for continuous enrollment according to the guidelines above.

Academic Probation – Students who fail to maintain a cumulative GPA of at least 2.0 at the end of the fall semester will be placed on Academic Probation and will be permitted to enroll in a maximum of 14 credits for the subsequent semester. Students on probation will be required to discuss with their respective advisors strategies for improving their academic status.

Course Repeat Policy

Students may repeat a course, but can only earn credit hours once for any given course (except in cases where the faculty designate a course as one that can earn credit more than once). When a student repeats a course, the lower grade is excluded from the calculation of the Grade Point Average and the higher grade is included. A student is allowed a maximum of 16 credit hours for course repeats without penalty (a student cannot replace the grades of the same course more than once). "Without Penalty" means that only the higher grade will be calculated into the student's Grade Point Average. All original entries and grades will appear on the student's permanent record, with the designation that lower grade has been excluded from the Grade Point Average.

If a student repeats the same course for a second time or more, and/or exceeds the maximum of 16 credit hours, all attempted hours will be counted and all grades will be calculated into the Grade Point Average. However, students can only earn credit once for each course.

Students who seek to utilize the course repeat policy must complete a "Course Repeat" form. If a student earns a passing grade twice for the same course, only one set of course credit hours will be counted toward graduation.

Per federal regulations (34 CFR Section 668.2), repeated coursework that falls under the following conditions cannot be included in a student's enrollment status for Title IV Federal Aid eligibility:

- This regulation will allow a student to receive Title IV federal financial aid for only **one repeat** of any previously passed course or its' equivalency.
- A student attempting a **second repeat** of a previously passed course cannot have the enrollment for the course count toward the student's Title IV financial aid eligibility.

All repeated courses are included in a student's total attempted hours. The tuition surcharge will apply for all hours attempted beyond 140 credit hours.

Incomplete Grades

The grade of "I" may be assigned only when a student has maintained a passing average but for reasons beyond his or her control, is unable to complete a specific course requirement such as a report, field experience, experiment, or examination. An Incomplete Grade may not be assigned to students who have failed to fulfill multiple requirements in a class.

An "I" grade must be removed before the end of the next regular (fall or spring) semester immediately following the semester or term in which the "I" grade was assigned. If the "I" grade is not removed within the stipulated time limit, the grade will be converted to a grade of "F." Students are responsible for initiating the actions necessary to remove "I" grades.

Incomplete Grades for Students Who Miss Final Exams

A student not present at an officially scheduled final exam may only be assigned an Incomplete grade if he/she contacts the instructor of the course before the end of the final exam week to request a deferred final examination. Students who need to defer an examination must furnish valid support for the request. If the faculty member approves the deferred examination, a grade of "I" will be assigned.

Students whose request for deferred exams are not granted or who miss final exams without contacting the instructor before the end of the final exam week are not eligible to receive an Incomplete Grade.

Part-Time Undergraduate Students

Part-time students are expected to progress at proportionally the same rate as full-time undergraduate students and are governed by the same Satisfactory Academic Progress Policy as full time undergraduate students.

Academic Fresh Start

Academic Fresh Start allows students whose academic record would otherwise prevent them from enrolling to resume their studies at Fayetteville State University after a period of non-enrollment without the burden of their prior grade point average. Students suspended more than two times from the university can only return under Academic Fresh Start. Under Academic Fresh Start,

1. All course work completed at FSU prior to the semester of re-admission will be excluded from the GPA calculation.
2. All previous courses in which the student earned a final grade of C or higher will be used to fulfill degree requirements. Such courses will be designated "XG" in the academic transcript.

3. Previous courses in which the student earned a D or lower will not be used to fulfill degree requirements and will not count as earned hours. Such courses will be designated "XC" in the academic transcript.
4. All course work will remain on the transcript with the following notation: "Academic Fresh Start."
5. All attempted hours will remain on a student's record, and, hence, hours covered by Academic Fresh Start will be used in determining possible tuition surcharges and financial aid eligibility.

To be eligible for Academic Fresh Start, students must meet admissions criteria at Fayetteville State University. Students must demonstrate the potential for degree completion in one of the following ways:

1. They must have a period of non-enrollment for at least four consecutive semesters and provide evidence in their request that the conditions that led to poor academic performance have been corrected; OR
2. They must have a record of academic performance at another institution subsequent to their departure from FSU that demonstrates the potential for academic success at FSU.

A record of academic performance may be demonstrated by earning an Associate's degree, completing an academic certificate program, or earning at least 15 semester hours with a C or better. The following provisions will apply for students readmitted under this program:

1. **A student will be granted Academic Fresh Start only one time.**
2. Students readmitted under the Academic Fresh Start program will be required to enroll in a Student Success Program approved by the student's College or School Academic Advising Office to help them achieve success while re-enrolled.
3. Academic Fresh Start students will be eligible for financial aid in the first semester of re-enrollment only if their request is based on a record of academic performance at another institution subsequent to their departure from FSU. If a student does not have a record of academic performance from another institution, he/she will be responsible for all tuition and fees the first semester of reinstatement and must enroll as a full-time student. Academic Fresh Start students will be eligible for financial aid if they meet satisfactory academic progress; to do this, they must achieve a cumulative grade point average of 2.0 and a progression rate of 67% in hours attempted after their reinstatement with less than 180 attempted hours.

Requests for Academic Fresh Start must be submitted using the Letter of Appeal. The request must specify (1) the period of initial enrollment at Fayetteville State University, (2) the period of nonenrollment, (3) the conditions that led to the academic difficulty during the initial period of enrollment at Fayetteville State University, (4) the actions the student has taken to improve these conditions and circumstances, and (5) any record of academic performance at another institution.

Academic Fresh Start will be applied to the student's record at the end of the semester of his/her return after final grades have been posted.

Appeal Procedure

Students whose financial aid is cancelled as a result of not meeting Satisfactory Academic Progress must appeal financial aid ineligibility as part of their suspension appeal. The appeal must be made in writing and submitted to:

Chair of Academic Appeals Committee
Office of the Registrar
Fayetteville State University
Fayetteville, NC 28301-4298

Letters of appeal of academic suspension must be submitted by April 30 for summer, July 30 for the fall semester, and October 30 for the spring semester, and must address each of the following:

1. The special or unusual circumstances, with documentation, that contributed to the student's academic suspension;
2. Actions the student has taken to change the circumstances so that they will not contribute again to poor academic performance;
3. Specific steps the students will take to improve his or her academic status in the upcoming semester;
4. An address and phone number at which the student may be notified of the committee's decision.

The Academic Appeals Committee's response will indicate one of the following: 1) approval for student to re-enroll with reinstatement of financial aid; 2) approval for student to re-enroll without reinstatement of financial aid; 3) denial of the appeal. Appeals will be granted only under extraordinary circumstances that are appropriately documented. Student appeals submitted after the deadline will not be considered. Students suspended more than two times will be permitted to re-enroll only under the provisions of the Academic Fresh Start Policy.

Students who meet the academic standards for re-enrollment, but fail to meet the standards for continued financial aid must submit a letter of appeal that addresses the items outlined above to:

Chair of Academic Appeals Committee
Office of the Registrar
Fayetteville State University
1200 Murchison Road
Fayetteville, NC 28301-4298

Appeals will be granted only under extraordinary circumstances that are appropriately documented.

Financial Aid Withdrawal Refunds/Repayments

Refunds to Programs

When a student withdraws from the university, refunds will be returned to the programs from which the student received aid. The date of withdrawal is determined by the Registrar's Office and is based upon the date the student began the withdrawal process. Refunds are determined by using the Withdrawal/Refund Calculation Sheet that is based upon Federal Rules and Regulations #484B, #682.606, and #682.607 in the Federal Register.

If the student does not complete the university's official withdrawal form, the student will be responsible for 100% of the semester's charges. If the student secures documentation from each of his professors attesting to his last date of attendance in their classes and completes a Withdrawal Form, a refund may be calculated based upon the normal withdrawal/refund processing policy. (The Registrar determines if the documentation is sufficient. If the Registrar changes the date of withdrawal, the student should contact the Office of Financial Aid to determine if a recalculation is appropriate.)

Repayments to Programs When a Return of Title IV Calculation is Completed

If a return of federal funds is applicable based on the calculation of a withdrawal, the funds will be returned in the following order to the United States Department of Education:

1. Unsubsidized Direct Loan
2. Subsidized Direct Loan
3. Perkins Loan
4. Direct PLUS (Graduate Students)
5. Direct PLUS (Parent)
6. Pell Grant
7. FSEOG

8. Other Title IV Grant Funds
9. NC State Funds

Student Affairs

The Division of Student Affairs is committed to providing an exceptional co-curricular experience, supportive of the academic mission at Fayetteville State University from orientation through graduation. With a strong emphasis on total student development, the division strives to prepare each student for a productive, ethical and meaningful life after college, while fostering an inclusive campus community in support of the educational mission of the university.

The philosophy of the division is that student development is an on-going and cumulative process of intellectual, psychological, cultural, social, and spiritual growth. This growth and development is shaped by a student's involvement outside the classroom and is a valuable part of the collegiate learning experience. Accordingly, the goals of Student Affairs are: to provide programs, services, and events that promote cultural enrichment and development; to collaborate with academic units and utilize Experiential Learning opportunities to enhance students' productivity; and to maintain a campus environment that encourages social diversification while promoting interpersonal interaction.

The Division of Student Affairs encompasses the administrative Office of the Vice Chancellor and the following units: Career Services, the Office of Residence Life, the Center for Personal Development, the Office of Student Engagement, Intramurals and Campus Recreational Services, Student Health Services, the Rudolph Jones Student Center, and the Dean of Students.

Career Services Center

The Career Services Center, located in the Rudolph Jones Student Center, provides support and assistance for all students. Services are available to undergraduates and recent alumni of the university in their preparation for securing meaningful employment. The office offers career exploration seminars, workshops, job fairs, symposia and classroom presentations. All students are expected to start the career services process in the freshman year and continue through graduation. The Career Resource Library offers materials and information regarding careers, the job search process and company literature, as well as graduate schools and fellowship programs.

Job Location and Development Program

The Job Location and Development Program, located within the Career Services Center, assists currently enrolled students with off-campus part-time job placements. The program affords opportunities for students to learn skills while developing work habits and values that will benefit them throughout their careers.

Cooperative Education

Cooperative Education (CO-OP), offered through the Career Services Center, is a unique plan of education, which integrates a student's academic and career interests with productive work experiences in cooperating employer organizations. Through this interaction, students enhance their education and improve their personal and professional development. The academic advisor, cooperative education coordinator, and the employing supervisor all share in the intellectual and personal development of the student. The cooperative education experience enhances the self-awareness and direction of students by allowing them to develop practical skills and gain exposure to work environments beyond the university.

To ensure proper credit, students must complete all paperwork and approval processes prior to registering for CO-OP courses. Approval includes the cooperative education coordinator, academic advisor, department chair, and dean.

Center for Personal Development

The Center for Personal Development offers programs, services and activities to assist students with social, personal and academic growth during their matriculation at the university. In addition to counseling services, the

Center for Personal Development staff presents workshops and outreach activities designed to enhance students' self-esteem, study skills, leadership abilities, and decision-making skills. A confidential counseling atmosphere is provided for all enrolled students where personal, social, and academic concerns may be discussed.

Individual and group counseling sessions are available, and the information discussed therein is held in strict confidence to the limits provided by law. No record of counseling is made on academic transcripts or placement files. Referrals to community agencies are made when necessary. Office hours are 8:00 a.m. to 5:00 p.m., Monday through Friday. Other times are available by appointment.

Services for Students with Disabilities and the Drug and Alcohol Education Prevention program are also coordinated through the Center for Personal Development.

Services for Students with Disabilities

The university provides for the matriculation of all students without regard to sex, race, religion, or disability. The university continues to be sensitive to the identification of possible barriers to students with disabilities and attempts to make reasonable accommodations for these students. Students with disabilities who need assistance in utilizing university services should register with the Center for Personal Development as soon as they are admitted to the university.

Drug and Alcohol Education Prevention Program

The Substance Abuse Prevention Program offers awareness information in an attempt to curb alcohol and other drug use and its associated negative consequences. A comprehensive prevention approach has been established that combines traditional educational programs with strategies aimed at informing the social environment on campus. Successful partnerships have been established with the following agencies in an effort to provide current information to the student population: Cumberland County Health Department, Cumberland County Mental Health Center, North Carolina Highway Patrol, ABC Alcohol Law Enforcement, Operation Sickle Cell, Inc., HIV/STD Prevention Program, and Rape Crisis Volunteers of Cumberland County.

Intramurals and Campus Recreational Services

The Intramurals and Campus Recreational Services program is a unique opportunity for members of the Fayetteville State University community to participate together in sports leagues, tournaments, and special events. There are four team sports competitions: basketball, flag football, soccer, and volleyball. Other individual sports and special events include track, soccer, dodge ball, racquet ball, weightlifting, swimming, water aerobics, exercise equipment/ activities (Zumba, T-25 & Insanity), indoor/ outdoor track, and bike riding.

Participants do not have to possess superior athletic abilities. All levels of skill are incorporated. Eligibility is limited to Fayetteville State University students, faculty, and staff. Complete participant eligibility rules and sport specific rules can be found in the soon to be published Intramurals and Recreational Services Handbook.

The Intramurals Sports Office is located on the first floor of Williams Hall.

Residence Life

The primary goal of the Department of Residence Life is to create an atmosphere that is conducive to the overall educational mission of the university. Efforts are made to integrate academic and out-of-class learning while providing opportunities for self-identity, social networking, leadership development, and civic engagement through the Residence Hall Association.

The main office of Residence Life is located in Williams Hall. There are currently nine residence halls on the main campus and one apartment complex adjacent to the campus, offering comfortable and safe accommodations to approximately 1,600 students. Each facility is supervised by a group of adult professional staff members and supported by responsible student staff members, who aid as peer leaders assisting residents in their adjustment to college life.

An annual application and fee are required before a student can move on campus. Currently, priority is given to first year freshmen and sophomores in accordance with the on-campus living policy; however, upperclassmen

and graduate students are welcomed based upon space availability. All residents are responsible for acquainting themselves and adhering to the policies and regulations outlined in the Student Code of Conduct, Guide to Residential Living, and the FSU Housing Application.

Residence hall living is based on community effort, mutual respect, and consideration of others. A written set of Community Living Standards is issued to residents and collectively reviewed at the beginning of each academic term. Community standards are designed to ensure that all students have a positive residential experience. As members of the residence hall community, students are expected to abide by the residence hall regulations, as well as all other college policies and federal, state, and local laws. Alcohol, weapons, and drugs are strictly prohibited on campus.

Rudolph Jones Student Center

The Rudolph Jones Student Center serves as the community center for students, faculty, and staff by providing an environment conducive for growth and exchange. The Office of Student Engagement, Office of Career Services, Dean of Students, Photography, Student Government Association, Student Activities Council, AUTOS Commuter Student Association, Fayettevillian Yearbook, and the VOICE Student Newspaper are housed in the facility. The Student Center is equipped with meeting rooms, student lounge areas, television lounge, recreational space with a hot grill, 100-seat movie theater, full service post office, and cafeteria. Other services available in the Center include a copy machine, vending machines, and teller machine.

Office of Student Engagement

The Office of Student Engagement provides opportunities for students to involve themselves in co-curricular activities. Through this involvement, students are challenged through experiential learning and receive practical experience in program planning, leadership, problem solving, and consulting.

The Office of Student Engagement is responsible for certifying and monitoring the registration process for student clubs and organizations. Procedures for registering a student organization and for establishing a new student organization can be found in the Student Handbook.

Student Government Association

The Student Government Association (SGA) is the organization that represents Fayetteville State University students. SGA strives to meet the needs of students and to act in their best interests. The officers focus on communications with students and on general operation of the Student Government. The Senate, composed of student representatives, is responsible for examining student concerns and making appropriate recommendations to the university administration.

Student Activities Council

The Student Activities Council (SAC) has been established as the primary planning and implementation board of the majority of students' social, cultural and recreational activities and events. The Council is comprised of several elected underclassmen and executive board members. Council members are elected annually and serve as representative of their constituents.

Student Health Services

The mission of Student Health Services is to provide quality, cost effective health care and health educational services that will support students in creating better physical, emotional, and social well-being.

Student Health Services is located in the Spaulding Building. All currently enrolled students are eligible for health care. Treatment of minor illnesses and minor injuries are provided at Student Health Services. Students needing referrals for specialized services are referred to local area clinics and hospitals. The student is responsible for all charges not covered by their personal insurance plan, and/or their Student Medical Insurance Plan.

In order to give satisfactory service to each student, the Student Health Services staff desires the cooperation of each student in adhering to Student Health Policies. All students who have medical problems or questions are invited to consult the Student Health Services staff. On each visit to Student Health Services a valid Fayetteville State University Identification Card must be presented prior to treatment and/or services.

Medical Provider hours for routine treatment are posted, but may vary during summer sessions. After hours, for non-life threatening issues, students can contact the Health Line Blue at 1-877-477-2424. If experiencing a life-threatening emergency, students should contact the Residence Hall Advisor/Director, the Campus Police, or the Emergency Management System (911).

Insurance

Fayetteville State University requires each student to have accident and medical insurance either by their personal policy or under the FSU Student Medical Insurance Plan. Brochures describing the Student Insurance Plans are available online at www.bcbsnc.com/fsu.

The premium for the Student Accident & Sickness Insurance Plan is included in each student's semester bill as long as three criteria are met:

1. Six or more credit hours taken on the main campus.
2. Student is eligible to pay the student health fee.
3. Student is enrolled in a degree-seeking program.

Students who do NOT wish to be enrolled in the Student Insurance Plan MUST present proof of personal insurance coverage and complete the insurance waiver online only at www.bcbsnc.com/fsu. The deadline will be announced via email. Students who participate in varsity athletics are not allowed to waive their FSU Student Accident & Sickness Insurance Plan without the permission of their respective coach or the Athletic Director. Any student enrolled in the Student Insurance Plan may also enroll their eligible dependents and/or spouse.

International students are insured under the University System International Insurance plan. All international students are to contact Student Health Services for information.

Medical Immunization Requirements

Fayetteville State University and North Carolina Statute, G.S. 130A-155.1, require that all new, readmitted and transfer students taking more than four hours on campus before 5:00 p.m., and students applying for admission to the Teacher Education Program complete the medical/immunization requirements. The required immunizations are listed on the Student Health Form included in the admission packet sent to all new and readmitted students. These forms are also available online and in the Spaulding Building.

Additional Information

All medical/ immunization records should be mailed directly to Student Health Services. The immunization record must be physician-certified or verified by a clinic stamp. A physician must verify any medical exemption from the immunization requirement on the Medical Exemption Statement form (DHHS 3987). All medical information is confidential and is not divulged without the written consent of the student. The university is required by North Carolina state law to withdraw all students who do not provide the necessary immunization records. This administrative withdrawal can result in loss of grades and/ or academic credit. Students who are exempt from the immunization requirement include the following:

1. Students taking fewer than four credit hours
2. Students attending evening classes only
3. Students attending weekend classes only
4. Students taking off-campus classes for the duration of their degree

All students must still complete the Student Health Form upon acceptance to the University.

Medical Excuses

Medical excuses are given only when the Medical Provider deems it medically necessary. An appointment with Student Health Services does not mandate a medical excuse. Medical excuses are not issued for missed class time. Therefore, students are strongly encouraged not to schedule appointments during class time.

Dean of Students

The Dean of Students administers judicial policies and adjudicates alleged violations of the Code of Student Conduct for the university student judicial system. The Code of Student Conduct applies to all enrolled part-time, full-time, and graduate students while they are on premises owned by the university, on city streets running through or adjacent to the campus, and in off-campus facilities occupied by students by virtue of their association with an organization recognized by the University.

The Dean also provides various means of support as needed in crisis situations that involve students and other university offices. In addition, this office advises the National Pan Hellenic Council, Inc., the Student Judicial Board and the Order of Omega Honor Society. The Office of the Dean of Students is located in the Rudolph Jones Student Center.

Alcohol/Drug Policy

Alcoholic beverages and drugs are strictly prohibited on the campus of Fayetteville State University. This includes the possession, sale, distribution, and consumption of any alcoholic beverages and illegal drugs.

Counseling and Rehabilitation

Counseling and rehabilitation related to alcohol and drug abuse are an important part of the university's alcohol/drug policy. The following specific activities shall be implemented:

1. Information regarding the Center for Personal Development's services and referral process for alcohol and drug abuse shall be disseminated to students, faculty, administrators, and staff.
2. Members of the academic community who are aware of individuals with alcohol/drug problems shall be encouraged to make referrals to the Center for Personal Development or other agencies.

Enforcement and Penalties Trafficking in Illegal Drugs

For illegal manufacture, sale or delivery, or possession with intent to manufacture, sell or deliver any controlled substance identified in Schedule I through VI, NC General Statutes 90-89, 90-91 through 90-94, (including but not limited to heroin, mescaline, lysergic acid diethylamide, opium, cocaine, amphetamine, methaqualone, marijuana, pentobarbital, codeine) the minimum penalty shall be expulsion from enrollment of any student or dismissal from employment for any faculty member, administrator or any other employee.

Illegal Possession of Drugs

For the first offense involving the illegal possession of any controlled substance identified in Schedule I, NC General Statutes 90-89, Schedule II, NC General Statutes 90-90, the minimum penalty shall be suspension from enrollment for a minimum of one calendar year for any student, faculty member or employee. For a second offense for possession of any controlled substance identified in Schedule I, NC General Statutes 90-89, or Schedule II, NC General Statutes 90-90, the minimum penalty shall be expulsion from enrollment or dismissal from employment.

For a first offense involving the illegal possession of any controlled substance identified in Schedules III through VI, NC General Statutes 90-91 through 90-94, the minimum penalty for any student, faculty member or other employee shall be probation, for a period to be determined on a case-by-case basis. A more severe penalty

may be imposed including the maximum penalty of expulsion for students and discharge for faculty members, administrators or other employees.

A person on probation must agree to participate in a drug education and counseling program, consent to regular drug testing, and accept such other conditions and restrictions, including a program of community service, as the chancellor or the chancellor's designee deems appropriate. Refusal or failure to abide by the terms of probation shall result in suspension from enrollment or from employment for any unexpired balance of the prescribed probation.

For second or other subsequent offenses involving the illegal possession of controlled substances, progressively more severe penalties shall be imposed, including expulsion of students and discharge of faculty members, administrators or other employees.

When a student, faculty member, administrator, or other employee has been charged by the university with a violation of policies concerning illegal drugs, he or she may be suspended from enrollment or employment before initiation or completion of regular disciplinary proceedings if, assuming the truth of the charges, the Chancellor or, in his absence, the Chancellor's designee concludes that the persons continued presence within the university community would constitute clear and immediate danger to the health or welfare of other members of the university community. If such a suspension is imposed, an appropriate hearing of the charges against the suspended person shall be held as promptly as possible thereafter.

A complete statement of the Fayetteville State University Alcohol/Drugs Policy can be found in the Student Handbook, which is published by the Office of the Vice Chancellor for Student Affairs.

Sexual Harassment and Sexual Misconduct

Sexual Harassment

The university is committed to taking effective action to prevent and correct sexual harassment by or against members of the university community. Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when:

- submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or academic or student status, or
- submission to or rejection of such conduct by an individual is used as the basis for employment, academic, or other institutional decisions affecting such individual, or
- such conduct has the purpose or effect of unreasonably interfering with an individual's work performance, academic activities, or student experience, or creating an intimidating, hostile, or offensive working, academic, or student life environment.

Students who believe they have been the victims of sexual harassment and/or who wish to file a complaint regarding an issue of sexual harassment should consult the university's Sexual Harassment policy at http://www.uncfsu.edu/policy. Such complaints shall be reviewed, investigated and resolved in accordance with that policy.

Sexual Misconduct

The university is committed to fostering a safe campus environment where sexual misconduct is unacceptable and is not tolerated. Sexual misconduct is defined as any act of a sexual nature perpetrated against an individual without effective consent or when an individual is unable to freely give consent. Sexual misconduct includes, but is not limited to the following:

- Attempted or completed intercourse or penetration (anal, oral or vaginal);
- Sexual touching (including disrobing or exposure);
- Sexual exploitation;
- Sexual violence (as described below); or

- Sexual intimidation.

The university encourages students who may have experienced sexual misconduct to speak with someone at the university so that the university can provide the support that is needed and respond appropriately. The Sexual Misconduct policy can be found at the following link:
http://www.uncfsu.edu/Documents/Policy/students/SexualMisconduct.pdf

Consulting with a Health Care Professional - A student who wishes to confidentially speak about an incident of sexual misconduct should contact either of the following individuals who are required to maintain confidentiality:

Ms. Pamela C. Fisher
Licensed Professional Counselor
Spaulding Building, Room 165
(910) 672-1387
psmith@uncfsu.edu

Ms. Linda Melvin
Director, Student Health Services
Spaulding Building, Room 121
(910) 672-1454
lmelvi10@uncfsu.edu

Reporting an Incident of Sexual Misconduct - The university encourages students to **report** incidents of sexual misconduct. A student who wishes to **report** sexual misconduct or has questions about University policies and procedures regarding sexual misconduct should contact the university's Title IX Coordinator.

Unlike the Licensed Professional Counselor or the Director of Student Health Services, the Title IX Coordinator is legally obligated to investigate reports of sexual misconduct, and therefore cannot guarantee confidentiality, but a request for confidentiality will be considered and respected to the extent possible.

Students are also encouraged to report incidents of sexual misconduct to the university's Police and Public Safety Department at (910) 672-1911.

Written Complaint Procedure

At Fayetteville State University, we recognize our students as the primary customers for all of the services that we offer, from classroom instruction to personal counseling to computer labs. When an area of the university needs improvement or change to better serve the needs of our students, we appreciate hearing from them.

As a first step, students are encouraged to discuss their complaints directly with the person responsible for the area or problem. If the issue is not or cannot be addressed through discussion with the responsible person and if there are no methods prescribed for appeal in the applicable area in the relevant Academic Catalog, Student Handbook, or other official university documents, then the issue should be outlined in writing and submitted to the following offices in the order indicated:

Academic Complaints:

1. Department Chair
2. Dean of the School/College
3. Provost and Vice Chancellor for Academic Affairs

Non-Academic Complaints:

1. Department or Office Director
2. Vice Chancellor of the Division to which the Department or Office reports

Each office listed above will respond to the student within 10 working days of receipt of the written suggestion or complaint. If the issue is not satisfactorily resolved at the first level, the student should submit his/her request to the next highest level. If the issue remains unresolved at the highest level indicated above, the student(s) should appeal to the Office of the Chancellor.

Americans with Disabilities Act Section 504 of the Rehabilitation Act Complaint Procedures

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of physical or mental handicap by programs receiving federal assistance. Section 504 focuses on program accessibility, academic accommodations, and integrated settings. Title II of the Americans with Disabilities Act prohibits discrimination based on disability in all programs, activities, and services of State and local governments.

As an institution that receives federal assistance from the U.S. Department of Education and as a constituent institution of the University of North Carolina (a state agency), Fayetteville State University must comply with the laws and regulations pertaining to Section 504 and ADA.

It is the policy of FSU that no qualified individual with a disability will be excluded, by reason of such disability, from the participation in or be denied the benefits of the services, programs, or activities offered by FSU or be subjected to discrimination.

Additionally, FSU does not discriminate against a qualified individual with a disability, in regard to job application procedures, the hiring, advancement, or discharge of employees, employee compensation, job training, or any other term, condition, and privileges of employment.

These procedures were established to provide an individual with the means to file a complaint if the individual believes that he or she has been discriminated against based on disability. A student, employee, applicant or member of the public who wishes to file a complaint regarding the University's compliance with ADA/Section 504 must file such a complaint with the Director for the Center for Personal Development, Fayetteville State University, Fayetteville, NC 28301-4298.

Statement on Sexual Orientation

Fayetteville State University regards unfair treatment based on sexual orientation to be inconsistent with its goal of modeling an environment where individual differences are acknowledged and respected. Fayetteville State University values the benefits of diversity and welcomes individuals of good will without regard to sexual orientation. As a consequence, Fayetteville State University considers it the ethical and moral responsibility of every member of its community to promote the development of an environment characterized by mutual respect and tolerance.

Those who believe they have been treated unfairly on the basis of sexual orientation should contact the following offices: the Dean of Students for current and prospective students; the Office of Human Resources for employees and applicants for employment; and the University Legal Counselor for members of the public.

Academic Regulations

Policy on FSU Electronic Mail

Fayetteville State University provides to each student, free of charge, an electronic mail account that is easily accessible via the Internet. The university has established email as the primary mode of communicating with enrolled students about impending deadlines, upcoming events, and other information important to student progression at the university. Students are responsible for reading their email on a regular basis to remain aware of important information disseminated by the university. The university maintains open-use computer laboratories throughout the campus that can be used to access electronic mail.

Students making inquiries via email to FSU faculty and staff about academic records, grades, bills, financial aid, and other matters of a confidential nature are required to use their FSU email account. Rules and regulations governing the use of FSU email may be found at:
http://www.uncfsu.edu/policy/general/FSUE-mailFINAL.pdf

Catalog Policy

Students are not permitted to combine the requirements of two or more catalogs. Students must complete the curriculum requirements as outlined in the catalog that is in effect at the time of their initial enrollment at the university, except for the following reasons:

1. Time to degree – Degree requirements remain in effect for six years for students who maintain six years of continuous enrollment from the date of their initial enrollment at the university. Students who do not complete all degree requirements within six years of continuous enrollment will be guided by the catalog in effect when they apply for graduation. Students who do not maintain continuous enrollment must apply for readmission to the university.
2. Readmitted students - Students who are not enrolled for more than two consecutive semesters (fall and spring or spring and fall) must apply for readmission to the university. If readmitted, students may follow the catalog in effect at the time of their re-enrollment or any subsequent catalog. For readmitted students, the time limit for completing all degree requirements will be calculated from the date of their re-enrollment. Readmitted students who are unable to complete their degrees within the time to degree limits must complete the curriculum requirements as outlined in the catalog that is in effect when they apply for graduation.
3. Selection of current catalog - Students may choose to be guided by any catalog in effect subsequent to their admission or readmission to include the catalog in effect when they apply for graduation. Students must meet all of the requirements of that catalog. Students who are unable to complete their degrees within the time to degree limits must complete the curriculum requirements as outlined in the catalog that is in effect when they apply for graduation.

This policy applies only to degree program requirements. Students are governed by the academic regulations of the current catalog. Students must become thoroughly familiar with all current regulations of the university. Students are solely responsible for complying with all regulations of the university, of their school or college, and of the departments from which they take courses. They are also responsible for fulfilling all requirements for their respective degree programs. Requirements are considered complete only when appropriate documentation is recorded in the Registrar's Office.

Classification of Students

Undergraduate students at Fayetteville State University are classified according to the number of semester hours they have earned, including hours transferred from other institutions, in keeping with the following table:

Fewer than 30 hours	Freshman
30 – 59 hours	Sophomore
60 – 89 hours	Junior
90 or more hours	Senior

Students are also classified according to the following categories:

1. **Regular Student** - A regular student is one who has met all admission requirements and who is pursuing a degree program.
2. **Full-Time Student** - A full-time student is one who registers for a minimum of twelve credit hours during a regular semester or six credit hours during a summer session. Students enrolled at the Fort Bragg Center or in Weekend and Evening College classes are considered full time if they enroll in at least six hours per term for a minimum of twelve hours for the semester.
3. **Part-Time Student** - A part-time student is one who registers for fewer than twelve credit hours during a regular semester or fewer than six credit hours during a summer session. A part-time student in weekend and evening classes is enrolled in fewer than six credit hours during a term.
4. **Special/Visiting Student** - A special visiting student is one who is not pursing a degree program. Most special visiting students are enrolled in a professional licensure program, have permission from a home university or college to enroll in FSU courses, or are high school students earning university credit, or non-degree seeking students enrolling for life enrichment.
5. **Dual Enrolled Student -** A student enrolled simultaneously at FSU and another college or university based on an approved dual enrollment agreement.

Majors

Degree seeking students must complete all requirements of a major field of study, including all correlative requirements such as a minor, concentration, or track. Admission to the university does not guarantee admission to a specific degree program. Therefore, students must submit the online "Declaration of Major" form to request admission to a degree program.

Students who enter the university as first-time freshmen are required to declare a major in the second semester of their freshman year if they meet the admission requirements of their intended major. Transfer students must declare a major in their first semester of enrollment. If the department chair accepts a student into a degree program, the department chair will assign an advisor to the student. If students select a major and do not meet the admission requirements for the major, the department may recommend a pre-major category. The department must notify the student of the pre-major and the requirements to be accepted into the major.

A student wishing to change his or her major after officially declaring a major should recognize that the hours completed for the initial major may not be applicable to the new major, which may delay the student's progress toward graduation. Hence, students should take advantage of the educational guidance offered by advisors, administrative officers, the catalog, and the online degree evaluation program, before changing majors. To change a major the student must complete the online change of major form. The chair of the department of the new major will assign the student an advisor.

All degree-seeking students are required to declare a major prior to earning 60 credit hours. Students with no officially declared major and 60 or more credit hours will be blocked from registering for classes.

Special-visiting students must change their status to degree-seeking before submitting the declaration of major form.

Time to Degree

Students can complete a 120-hour undergraduate degree program in eight semesters of 15 hours each. Students completing programs with more than 120 hours will have to take additional hours per semester to complete the program in 8 semesters. Changing majors, withdrawing from, dropping, or failing courses, enrolling in fewer than 15 hours and/or receiving Ds in major area coursework will extend the length of time to complete a degree.

Academic Advisement

All students are assigned an advisor with whom they must consult in planning their academic programs, registering for classes, and making other decisions regarding their academic progression. Although students are expected to consult advisors on a regular basis, **students bear final responsibility for the decisions they make.**

Advisors are assigned to students according to the following guidelines:

1. University College faculty members serve as advisors for undeclared students who enter as first-time freshmen.
2. Department chairs assign an advisor to each student admitted to a major. Students may request an advisor or change an assigned advisor by contacting the appropriate department chair.
3. Academic Counselors in the College or School Academic Advising Offices serve as the initial point of contact for new transfer students, readmitted students, and those students who are experiencing academic difficulty.
4. Undecided students who are juniors or seniors should see the College or School Academic Advising Office that has the major that they might be interested in pursuing.

To facilitate effective advisement and degree completion, students are required to take the following steps:

1. Students are required to check their FSU email on a regular basis to receive notifications about upcoming events and deadlines and information from academic advisors.
2. Students must communicate with the officially assigned advisor at least two times each semester to review the student's progress toward degree completion. Students are responsible for initiating this communication in person, by phone, or through FSU email.
3. Students whose GPA falls below 2.0 are required to meet with their advisor to complete an Academic Success Plan and take all actions agreed upon with advisors.
4. Through Self-Service Banner, students must run their online degree evaluation to develop a plan for degree completion.
5. **Students are eligible to apply for graduation** once they are within two semesters of completing all degree requirements. Students should run their online degree evaluation to determine graduation eligibility. Students must apply for graduation using their online Banner account.
6. Students must remain aware of and make decisions consistent with university policies, deadlines, and degree requirements as stated in the catalog, the FSU website, and other official documents.
7. Students must recognize that failure to follow the steps outlined above will delay their graduation

To facilitate their advisees' degree completion, Academic Advisors must take the following steps:

1. Advisors will be available during published office hours and at other times by appointment to assist advisees in completing the student responsibilities outlined above.

2. Advisors will provide accurate information in a timely manner. Advisors will usually respond to student inquiries within two business days. When advisors are not available (i.e., summer or other extended leave), they will arrange for back-up.
3. Advisors will help students understand their responsibilities, as outlined above, in the advisement process.
4. Advisors will direct students to appropriate university resources for assistance as needed. For students whose GPA falls below 2.0, advisors will work with the student to develop an Academic Success Plan and monitor student's implementation of the plan.
5. Advisors will review online degree evaluations with students and advise them accordingly based on degree requirements and university policies.
6. Advisors will respect advisees as individuals with different backgrounds and educational/life goals.
7. Advisors will respect the confidentiality of information shared by advisees and protect the privacy of students as defined by the Family Educational Rights and Privacy Act (FERPA)
8. Advisors are responsible for maintaining accurate records of meetings with advisees.
9. Advisors must recognize that failure to complete the responsibilities outlined here will likely delay a student's graduation.

Registration

Students are responsible for registering for classes according to procedures and deadlines established by the University. The classes in which a student is registered at the close of the official registration period constitute the student's official schedule and course load. Tuition and fees are based on the student's total hours of enrollment at the close of the official registration period.

Attending a class does not constitute official enrollment in that class. Students will not receive credit or a grade for any class in which they are not officially enrolled. Therefore, students must ensure that they are officially registered for the classes they attend.

Failure to attend class does not constitute official withdrawal from that class. Students are responsible for initiating the class withdrawal process if they wish to discontinue enrollment in a class.

Financial aid will be canceled for any class(es) that a student does not attend.

Dropping and Adding Classes

Students may adjust their schedule of classes through the last day of late registration (see Academic Calendar for specific dates). After this date, students will be permitted to adjust their schedules only for unusual and documented circumstances beyond their control and must be approved by the faculty member, department chair, dean, and provost. Students are cautioned that adjustments of their official schedule may affect tuition, fees, and financial aid eligibility, and may require additional payment and/or reimbursement of financial aid awards.

Credits

The following terms apply to a student's enrollment and academic record:

1. **Credit hour –** The minimum credit hours required for any baccalaureate degree at Fayetteville State University is 120. FSU follows the federal definition of a credit hour. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:
    a. One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester or the equivalent amount of work over a different amount of time; or
    b. At least an equivalent amount of work as required in paragraph (a) of this definition for other academic activities as established by the institution including laboratory work,

internships, practica, studio work, and other academic work leading to the award of credit hours.

2. **Attempted hours –** The credit hours in which a student is enrolled at Fayetteville State University, to include hours transferred from other institutions.
3. **Earned hours –** The credit hours for each course in which a student earns a final grade of D or better at Fayetteville State University and credit hours transferred from other institutions with a grade of C or better.
4. **GPA hours –** The credit hours used in the calculation of a student's GPA. The minimum GPA required for any baccalaureate degree at Fayetteville State University is 2.0.

Course Load

The maximum credit hours in which a student may enroll in a semester or summer session is governed by the following guidelines.

Fall or Spring Semester	
12 hours per semester:	Minimum course load required for full-time status
14 hours per semester:	Maximum course load for student on academic probation
15 hours per semester:	Minimum average course load required each semester to graduate in four years
18 hours per semester:	Maximum course load for student in good academic standing or good standing with warning*
21 hours per semester:	Maximum course load for student with cumulative GPA of 3.0 or higher
Eight Week Terms: Main Campus and Distance Education	
6 hours per term:	Minimum course load required for full-time status
9 hours per term:	Maximum load for each eight-week term*
* Students with a minimum GPA of 2.0 may enroll concurrently in semester-long and eight-week classes for a maximum of 21credit hours.	
Summer School**	
4 hours for Intersession:	Student must be in good academic standing or good academic standing with warning to enroll in Intersession*
8 hours per session:	Maximum course load for student with cumulative GPA less than 3.0
10 hours per session:	Maximum course load per summer session for student with minimum cumulative GPA of 3.0
*Enrollment in Intersession does not reduce maximum course loads in any other session or term. **Students enrolled simultaneously in a combination of courses that include Term V and summer session I and/or summer session II are not permitted to enroll in more than 10 hours simultaneously.	

Students with a cumulative GPA of at least 2.0 may exceed these course load limits only with written approval of the advisor, department chair, and dean using the Course Overload Form. Such approvals will normally be given only in cases when the overload will enable the student to complete degree requirements in the semester/term for which the overload is requested.

Class Withdrawals

Students may withdraw from individual classes until the deadline each semester, term, or session (see Academic Calendar for specific dates). Students who complete the class withdrawal process will receive a

grade of W. Tuition and fees are not adjusted for withdrawing from individual classes. Students are required to earn at least 67% of their attempted hours each semester to maintain financial aid eligibility. Students who withdraw from more than 33% of their attempted hours in a semester will lose financial aid. Failure to attend class does not constitute official withdrawal from that class.

Students are permitted to withdraw from a maximum of 16 credit hours throughout their undergraduate career. After a student has exceeded this limit, the student must earn a final grade of A, B, C, D, F, or FN.

Withdrawal from the University

Before deciding to withdraw from the university, a student must consult with his or her advisor to discuss the reasons for the withdrawal and the student's plan for continuing his or her education. The student can then begin the official university withdrawal process, which is initiated in the Center for Personal Development, located in Room 155 of the Spaulding Infirmary Building. Students who are under 18 years of age must have the approval of a parent or guardian before withdrawing from the university. The official date of withdrawal (for purposes of computing charges and grades) will be the date the student submits the online form. The university will not make any refund of tuition/ fees or room and board charges until four (4) weeks after the student completes the official withdrawal process. All refunds will be made by the method selected by the student for refunds. Students may withdraw from the university until two weeks prior to the beginning of final exams (see Academic Calendars for specific deadlines).

Students seeking to withdraw from the university after the published deadline and who do not meet the criteria for "Withdrawal for Extenuating Circumstances" must make the request, in writing, to the Provost and Vice Chancellor for Academic Affairs. This request must include documentation of unavoidable and unforeseen circumstances that prevented the student from meeting the published deadline. Such requests must be made no later than the end of the next regular semester after the semester for which the university withdrawal is requested.

Students who officially withdraw from the university will receive a WU grade in all of their classes (see "Grades" below). Students who receive WU grades may re-enroll in the next regular semester or summer term without making application for readmission, but cannot enroll in the same semester for an 8-week term. Students who seek to withdraw from the university within the deadline but have earned grades in the previous 8-week session will retain those grades. The student will be assigned a WU for the remaining courses.

Hours with a grade of WU count as hours attempted but not completed for the purposes of financial aid. Withdrawal from the University may therefore have an adverse effect on financial aid. In addition, a student who withdraws from the University the semester after being placed on Academic Probation will be considered to have two consecutive semesters below 2.0 for the purposes of calculating academic standing. Withdrawal from the University may therefore have an adverse effect on academic standing as well.

Mandatory Withdrawal from the University

The university reserves the right to request the withdrawal of a student at any time if (1) the student's conduct is judged to be undesirable; (2) the student persistently disregards the regulations of the university; (3) the student fails to maintain an acceptable standard of work; or (4) the student's mental or physical health precludes satisfactory academic progress or becomes detrimental to others.

Withdrawal for Extenuating Circumstances

Students may withdraw from individual courses or from the university for extenuating circumstances without academic penalty:

- WU will be recorded on the transcript;
- Course(s) count in attempted hours;

- Course(s) do not count for tuition surcharge;
- Course(s) do not count in GPA calculations;
- Course(s) will not count toward the withdrawal maximum of 16 hours;
- Course(s) are subject to Title IV regulation (SAP rules and calculations).

Extenuating circumstances include:

- **Military Service Obligation:** Duty on a voluntary or involuntary basis in connection with service in the Armed Forces, Reserves, or National Guard including, but not limited to active duty, active duty for training, initial active duty for training, and inactive duty training.
- **Serious Medical Debilitation of the Student:** Illness, injury, impairment, or physical or mental condition requiring inpatient care in a hospital, hospice, or residential medical care facility.

Documentation required includes:

- **Military Service Obligation:** Verification of the student's voluntary or involuntary basis in connection with service in the Armed Forces, Reserves, or National Guard including, but not limited to, active duty for training, initial active duty for training, and inactive duty training. Acceptable documentation may include, for example, copies of orders, letters from a commanding officer, etc.
- **Serious Medical Debilitation of the Student:** A certificate issued by the treating health care professional(s) stating each of the following:

1. Approximate date on which the student's condition began;
2. Extent to which the condition has impacted the student's pursuit of a degree;
3. Relevant and appropriate medical facts regarding the student's condition.

Review Process for Course Withdrawal for Extenuating Circumstances

The student will submit a statement and all required documentation to the Office of Personal Development. The statement must include:

- Student name and Banner ID, date of request, names and section numbers of requested course(s) for withdrawal, and detailed reason the student is requesting withdrawal for extenuating circumstances.

The Office of Personal Development will review the request and documentation and forward with a recommendation to the Dean of the College or School and the Office of the Registrar.

If approved by the Dean of the College or School (or designee), the Office of the Registrar will process the withdrawal for extenuating circumstances. If not approved by the Dean of the College or School (or designee), the Dean's office will contact the student and the advisor to determine the best course of action for the student. A student may appeal a denial through the Office of the Provost.

Administrative Withdrawals

It is the expectation of Fayetteville State University (FSU) that students will attend all of their classes regularly and consistently and be responsible for notifying faculty members, in advance, of the reasons for any class absences. Attendance in classes taught online is understood to mean regular and consistent interaction with the course website and instructor and submission of assignments according to stated deadlines. Students who are enrolled for a semester/term but stop attending classes shall be required to officially withdraw from FSU. Students who stop attending all classes during a semester, but fail to officially withdraw from FSU, shall be administratively withdrawn by the university in accordance with this policy.

Receipt by a student of one or more of the following grades may lead to the initiation of the administrative withdrawal process:

A. Interim (Warning) Grade for Excessive Absences (EA): Beginning on the tenth (10th) day of each semester/term and continuing until the deadline for withdrawing from the university, a faculty member shall assign an ***interim grade*** of EA (Excessive Absences) to an officially enrolled student who has four (4) consecutive hours of ***unexcused*** absences or whose absences jeopardize the student's success in the class. In assigning an interim grade of EA, the faculty member shall determine the last date of attendance for each student who will receive an EA grade. For online courses, a faculty member shall assign an interim grade of EA to a student who does not interact with the course website for more than one (1) week or who fails to respond to the faculty member's request(s) for information.

Students and their advisors shall be notified of the EA interim grade. Once the student is notified of the EA grade, the student shall either resume class attendance or withdraw from the class or the university by the specified deadline. If the student does neither, the student shall receive a final grade of FN (failure due to non-attendance).

The EA interim grade is not intended to apply to students who have excused absences. Students are responsible for providing written documentation of ***excused*** absences to faculty members. "***Excused*** absences" are limited to documented personal illness, family emergencies, or participation in university sponsored activities.

B. Final Grades

1. Failure Due to Non-Attendance (FN)

If a student does not take corrective action in response to an EA interim grade, the instructor shall assign the student a final grade of FN – failure due to non-attendance. Faculty who assign FN grades shall specify the last date of attendance.

2. Failure Due to Performance (F)

If a student earns a final grade of F due to his or her performance in class, the faculty member shall specify the student's last date of attendance which will normally be the date of the final exam.

3. Administrative Withdrawal from the University (WUA)

This grade will be assigned to all classes in which a student is enrolled if it is determined that the student stopped attending class during the semester even if the student did not officially withdraw from the university. The WUA grade is equivalent to the WU grade in terms of calculation of GPA and attempted and earned hours.

Administrative Withdrawal Process

A. Review of Student Records: At the end of each semester, the Office of the Registrar shall determine which students should be administratively withdrawn by reviewing the final grades of all students in accordance with the following criteria:

1. Students with all FN grades will be administratively withdrawn from the university. Such students shall be assigned a final grade of WUA in all of the classes for the semester/term.

2. Students with a combination of all FN, I, or W final grades shall have their record reviewed to determine if they stopped attending all classes based on the date of last attendance recorded by each faculty member who assigned an FN grade. If it is determined that the student did not complete the semester, the student will be assigned WUA grades in all classes. If the records indicate that the student completed the semester in at least one class, the student shall NOT receive WUA grades.

B. Effective Date of Administrative Withdrawal: The effective date of an administrative withdrawal shall be based on the following considerations:

1. The latest date identified by faculty as the last date of attendance shall be the effective date of the administrative withdrawal, except as noted below.

2. If a student withdraws from a class after the last date of attendance cited by the instructor, the date of the student's actual withdrawal from the class shall be used as the effective date of the administrative withdrawal.

3. If records show that at a date later than any date cited above the student met with an advisor, participated in a study group or academic support activity, completed assignments in Blackboard, or had some other documented interaction with university personnel, then a determination shall be made by the Office of the Registrar as to whether the date of the activity will serve as the effective date of withdrawal.

C. Adjustment of Tuition and Financial Aid: All forms of financial aid – including, but not limited to scholarships, grants, work-study, and loans – are provided to support students who are attending classes and making satisfactory progress toward degree completion. When the effective date of an administrative withdrawal is determined, the university shall apply its policies on refunds to re-calculate tuition and fees and make appropriate adjustments to a student's financial aid. Administrative withdrawal may result in the requirement for recipients of financial aid to repay all or some of the aid they received for that semester.

Class Cancellations

During any semester or summer session, the university reserves the right to cancel classes. Students will be notified by email of class cancellations. If classes are canceled after the close of the official drop-add period, provisions will be made to allow students to adjust their schedules. Students must have the approval of the instructor of the classes in which they intend to enroll.

Auditing of Courses

Students who wish to audit a course must complete the Course Audit Form and submit it to the Office of the Registrar for enrollment in the course(s). The student must submit a copy of the Course Audit form to Student Accounts for proper billing. Audited courses carry no credit and a grade of AU is given. Students registered for audit will not be permitted to change to credit after the first week of classes. Conversely, students registered for credit will not be permitted to change to audit after the first week of classes.

Independent Study

Independent Study is an individualized, carefully planned, and closely monitored study experience in which a student works under the direct supervision of a faculty member. Permission to pursue independent study will be granted only under the following conditions:

- The student is in his/her senior year of study
- Course credit may not be earned through other regular courses offerings
- The duration of the independent study is at least eight weeks
- The faculty member affirms that the learning outcomes, assessments, and grading criteria for the independent study are equivalent to similar courses as regularly offered

A student may complete no more than one independent study per semester or term. A Request for Independent Study form—with a list of assignments, deadlines for completion, types of assessments, and grading criteria—must be approved by the faculty member who will teach the class and by the department chair and dean of the school/college in which the class is offered.

A course scheduled in a regular class format (whether fact to face, online, or hybrid) may not be delivered as an Independent Study without being approved by the process outlined above.

Grades

Interim Grades

Interim grades serve as warnings to students that they are at risk of failing a course due to non-attendance or poor academic performance if they do not take immediate corrective action. The interim grading period begins on the first day after the close of registration and continues until one week prior to the deadline for withdrawing from classes. Students are responsible for monitoring interim grades and taking actions in response to them. Interim grades are not permanent and have no effect on a student's earned hours and grade point average.

1. **Excessive Absences:** Faculty members assign the interim grades of X and EA as warranted by the student's attendance.

Grade	Meaning – Effect
X	No-Show - Student does not attend class during the first week of semester/term. Student must either begin attending class or withdraw from it. Students who fail to take actions in response to interim grade of X will receive a final grade of FN. In online classes, an X grade is assigned to enrolled students who do not interact with the course website for the first week of the semester/term.
EA	Excessive Absences - Student's class absences exceed 10% of their total contact hours. Student must resume class attendance or withdraw from it. Students who do not withdraw will receive a final grade based on evaluation criteria of the class.

Midterm Grades

Midterm grades provide an assessment of student progress in courses during the first half of the semester. Students earning a midterm grade of D or F in a class must take corrective action to improve their academic status. All faculty teaching undergraduate courses are required to post midterm grades for all students. All students are required to review their midterm grades using their online accounts.

Final Grades

Final grades are calculated on a four-point system and affect a student's grade point average as indicated below. Faculty members will delineate in each class syllabus the methods and evaluative criteria for determining final grades in the class. All students are required to review their final grades using their online accounts.

Grade	Credit Hours	Quality Points	Meaning
A	Hours attempted and earned	4 per credit hour;	Exceptionally high
B	Hours attempted and earned	3 per credit hour	Good
C	Hours attempted and earned	2 per credit hour	Satisfactory
D	Hours attempted and earned	1 per credit hour	Marginally passing

F	Hours attempted – Not earned	0 per credit hour	Failing
FN	Hours attempted – Not earned	0 per credit hour	Failing due to non-attendance and/or excessive absences.
W	Hours attempted – Not earned	No impact on GPA. Students are permitted a maximum of 16 credit hours of class withdrawals during their academic career. Beyond this limit, students must earn a final grade of A,B,C,D,F, or FN.	Class withdrawal prior to deadline (see Academic Calendar)
P	Hours attempted and earned	No impact on GPA	Satisfactory - Assigned only in classes specified as Pass/Fail
WU	Hours attempted – Not earned	No impact on GPA; however, may have financial implications	Withdrawal from all classes for semester or term
WUA	Hours attempted – Not earned	No impact on GPA; however, may have financial implications	Administrative withdrawal from the university due to a combination of FN, F, and W grades (failure for non-attendance)
WX	Hours attempted – Not earned	No impact on GPA or tuition surcharge; however, may have other financial implications	Withdrawal for extenuating circumstances
AU	Hours attempted – Not earned	No impact on GPA	Auditing

Grade Point Average (GPA)

At the end of each semester and summer session a grade point average is calculated for each student for the current term and for the student's entire career. The current GPA is based exclusively on the courses in which the student is enrolled for that specific term, while the cumulative GPA is based on all courses the student has completed at Fayetteville State University. The GPA is based on the following formula:

$$\text{GPA} = \frac{\text{Total Quality Points}}{\text{Total GPA Hours}}$$

Your grade point average (GPA) is calculated by dividing the total number of quality points by the total number of credits earned. Specifically, "Total Quality Points" are computed by multiplying the grade by the number of credit hours earned (GPA hours) for each course and then adding the quality points. "Credit

Hours Earned (GPA Hours)" refers to the credit hours for courses in which a student earned a final letter grade of A, B, C, D, or F. Withdrawals from the university and incompletes do not affect a student's GPA hours; however, courses with a grade of F and/or FN are calculated into the GPA. Letter grades are assigned the following grade point values:

A=4
B=3
C=2
D=1
F=0

The following example demonstrates the calculation of the GPA:

Course	Grade	Credit Hours	GPA Hours	Quality Points
ENGL 110	B (3)	3	3	3 X 3 = 9
UNIV 202	C (2)	1	1	2 X 1 = 2
MATH 131	A (4)	3	3	4 X 3 = 12
HEED 112	B (3)	2	2	3 X 2 = 6
NSCI 110	B (3)	4	4	3 X 4 = 12
PHIL 110	F (0)	3	3	0 X 3 = 0
TOTALS			16	41
GPA: 41/16 = 2.56				

A student's career or cumulative GPA is calculated by dividing the total number of quality points earned by the total number of course credit hours earned (GPA hours) in all of the semesters of the student's enrollment at Fayetteville State University.

Early Warning System

Fayetteville State University's Early Warning System (EWS) complies with UNC policy and regulations on Fostering Student Success (400.1.5 and 400.1.5R). The purpose of the EWS is to alert campus personnel to signs of poor academic performance by a student or of behavior likely to lead to a student's poor academic performance. Such students are considered to be "at-risk".

A. Identification of At-Risk Students

At FSU, at-risk students are identified in several ways, including grade alerts (interim grades, midterm grades), academic standing, and non-registration. Interim grades are midterm grades given before the official midterm grading period—as early as the second week of a term. In addition to the grade of F, which indicates poor performance, two special interim grades are available: X (no-show) and EA (excessive absence). See Grades in Academic Regulations for more information about interim grades.

All instructors are required to assign midterm grades in all undergraduate courses by the midterm grade deadline each term. See Grades in Academic Regulations for more information about midterm grades. Academic Standing other than Good Standing is another indicator of poor performance. Students are placed on academic probation if their cumulative grade point average is below 2.0 at the end of the fall semester. If their cumulative GPA is below 2.0 at the end of the spring semester, they are placed on academic suspension. For more information on probation and suspension, see Scholastic Standards in Academic Regulations.

Once registration opens for the following semester, students who neither applied to graduate nor registered for the following semester are also considered at-risk of not continuing.

B. Notification

At-risk identifiers are available to students, advisors, and other campus officials in Banner. However, FSU takes several steps to ensure that these parties are actively informed.

Students who earn grade alerts receive an e-mail. Students who fail to register for the following semester are sent e-mail reminders. Students are notified by e-mail if they are placed on Academic Probation. If they are placed on Academic Suspension, they receive an e-mail notification and a letter by postal service.

Advisors are also informed of grade alerts. Twice each semester, at week five and at midterm, advisors receive an Advisement Reporting Survey that lists their advisees and any grade alerts their advisees may have received. Weekly grade alert reports are sent to department chairs and the directors of programs concerned with student success, such as Athletics and the Early College.

Academic standing is also communicated to advisors, chairs, and program directors. The advisement reporting surveys indicate the academic standing of advisees, allowing advisors to identify quickly students at risk because of low GPA. The grade alert reports that identify interim grade alerts for chairs and program directors also include academic standing.

Once registration for the following term begins, chairs receive weekly reports on which of their majors have registered for the following term. Advisors can see which of their advisees have registered through an advisement reporting survey administered after registration opens.

C. Follow-Up

The Office of the Registrar notifies students who receive interim grades of X that they must either attend the class or withdraw from it. Failure to take an action may result in a failing grade.

Advisors are asked to communicate with students who earn grade alerts. Chairs and program directors also communicate with such students. Intervention may take the form of an e-mail, phone call, or office visit. Students on academic probation are asked to create an Academic Success Plan with their advisor to identify strategies for succeeding in classes during the current term.

Students who fail to register are sent e-mails from their chair or from University College. Post cards and phone calls are also used to remind students to register for the following term.

Course Repeat Policy

Students may repeat a course, but can only earn credit hours once for any given course (except in cases where the faculty designate a course as one that can earn credit more than once). When a student repeats a course, the lower grade is excluded from the calculation of the Grade Point Average and the higher grade is included. A student is allowed a maximum of 16 credit hours for course repeats without penalty (a student cannot replace the grades of the same course more than once). "Without Penalty" means that only the higher grade will be calculated into the student's Grade Point Average. All original entries and grades will appear on the student's permanent record with the designation that the lower grade has been excluded from the Grade Point Average.

If a student repeats the same course for a second time or more, and/or exceeds the maximum of 16 credit hours, all attempted hours will be counted and all grades will be calculated into the Grade Point Average. However, students can only earn credit once for each course.

If a student earns a passing grade twice for the same course, only one set of course credit hours will be counted toward graduation.

All repeated courses are included in a student's total attempted hours. The tuition surcharge will apply for all hours attempted beyond 140 credit hours.

Incomplete Grades

The grade of "I" may be assigned only when a student has maintained a passing average but for reasons beyond his or her control, is unable to complete a specific course requirement such as a report, field

experience, experiment, or examination. An Incomplete Grade may not be assigned to students who have failed to fulfill multiple requirements in a class.

An "I" grade must be removed before the end of the next regular (fall or spring) semester immediately following the semester or term in which the "I" grade was assigned. If the "I" grade is not removed within the stipulated time limit, the grade will be converted to a grade of "F." Students are responsible for initiating the actions necessary to remove "I" grades.

Incomplete Grades for Students Who Miss Final Exams

A student not present at an officially scheduled final exam may only be assigned an Incomplete grade if he/ she contacts the instructor of the course before the end of the final exam week to request a deferred final examination. Students who need to defer an examination must furnish valid support for the request. If the faculty member approves the deferred examination, a grade of "I" will be assigned.

Students whose requests for deferred exams are not granted or who miss final exams without contacting the instructor before the end of the final exam week are not eligible to receive an Incomplete Grade.

Extension Grade Policy

An Extension Grade may be assigned in lieu of a final grade of D or F for undergraduate students taking any course in which the university provides a structured program of academic support. The Extension Grade may only be used the first time a student takes the course at Fayetteville State University.

The Extension Grade will be designated as "EX-D" or as "EX-F" and is not calculated into the student's Grade Point Average but will remain on the student's transcript. Any student requesting an Extension Grade must sign an Extension Grade Contract not later than the end of the fifth week of the semester, not later than the end of the first week of each summer term, or not later than the end of the second week of an eight-week term. The Extension Grade Contract will specify the course and section, the nature and duration of the academic support, and the individual or office that will verify completion of the academic support. An Extension Grade Contract must require at least 10 hours of academic support.

To be eligible for the Extension Grade, a student must complete all requirements for the course and all requirements of academic support services. The instructor will certify completion of the course requirements, and a representative of the appropriate academic support unit will verify completion of academic support requirements. When a student receives an Extension Grade, the student must re-enroll for the course in the next semester that the student matriculates at the university. If the student does not re-enroll in the course, the Extension Grade will revert to the original grade of D or F, and will be calculated into the student's Grade Point Average.

Grade Appeals

If a student thinks that a final grade is inaccurate, he or she should first consult with the faculty member who awarded the grade. The university expects the majority of grade appeals to be resolved by the student and instructor. If the instructor agrees to change the student's grade, the instructor must submit a grade change form for approval by the Department Chair, Dean, and Provost and Vice Chancellor for Academic Affairs. If these informal efforts are unsuccessful in resolving the student's concern, the student may initiate a formal grade appeal.

The formal grade appeal must include documentation that one or more of the following occurred: 1) the instructor made an error in calculating the final grade; 2) the final grade was based on criteria and/or standards at variance with the course syllabus; and/or 3) the final grade was based on factors other than student achievement/performance. Failure to address one or more of these three reasons is a basis for rejection of that appeal. Students must recognize that they bear the burden of proof in the grade appeal process and that a grade appeal will not be successful without appropriate documentation.

The student must submit the written appeal, with documentation, first to the instructor. If the instructor rejects the appeal, the student may submit the appeal to the instructor's department chair. If the department chair rejects the appeal, the student may submit the appeal to the dean of the college/school of the instructor. If the dean rejects the appeal, the student may submit the appeal to the Provost and Vice Chancellor for Academic Affairs. If the department chair or dean supports a grade appeal, he or she will forward to the next administrative level for review. The grade appeal will be considered at each administrative level only after it has been reviewed at all previous levels. To ensure review of appeals at each level, each respondent to the appeal will send a copy of the response to next higher review, i.e., faculty will send copy to department chair, department chair to dean, and dean to provost. The department chair and dean will respond to the grade appeal either by upholding the original grade or working with the faculty member (and, in the case of the dean, with the chair) to propose a means of re-evaluating the student's final grade. The chair and dean do not have the authority to change a student's grade.

If the student submits the written appeal to the Provost and Vice Chancellor for Academic Appeals, the appeal will be submitted for review to the Academic Credits Committee, which is comprised exclusively of faculty members. If the appeal is based on grounds other than the three specified above, the Academic Credits Committee will reject the appeal without further review. If the appeal is based on one of three grounds specified above, the committee will discuss the appeal with the instructor and the student and, after a careful review of all relevant information, recommend either that the original grade be upheld or that a new grade be awarded. If the committee upholds the original grade, the student will be informed in writing of the decision of the committee. If the committee recommends a new grade and the recommendation is approved by the Provost and Vice Chancellor for Academic Affairs, the committee's recommendation will be forwarded to the Registrar, with a copy to the faculty member, for notation on the student's record. A complete record of the grade appeal process will be placed in the student's permanent file.

The decision of the Provost and Vice Chancellor for Academic Affairs regarding a grade appeal is final and may not be appealed further.

Timeline for Formal Grade Appeal Process

Students must initiate the formal grade appeal process no later than the 20th day of class in the next fall or spring semester after the contested grade was received. Grade appeals submitted after this deadline will not be considered. Grade appeals will be resolved before end of the semester in which they are submitted. Grade appeals are not considered during the summer.

Graduating seniors who initiate a formal grade appeal in the same semester that they plan to graduate should be aware that the grade appeal will very likely NOT be resolved in time for graduation clearance.

Class Attendance

Students are expected to attend all class meetings, laboratories, and other instructional sessions for all courses in which they are enrolled. Students are also expected to arrive to class on time and remain in class for the entire scheduled period. When students must miss class(es) for unavoidable reasons—i.e., illness, family emergencies, or participation in official university sponsored activities – they are responsible for informing faculty of the reasons for the absences, in advance if possible, and completing all missed assignments. Faculty members will indicate in their syllabi the conditions for making up missed assignments, as well as any penalties for unexcused absences or tardiness.

During the first half of the semester/term, faculty will assign an interim grade of "EA," Excessive Absences, for students whose class absences exceed 10% of the total contact hours for the class. Students who receive EA interim grades must either withdraw from the class or resume attendance. Students who resume attendance must consult with the instructor about completion of missed assignments. The EA is not a final grade, so students who are assigned an interim grade of EA, but do not withdraw from the class, will receive a final grade based on the evaluation criteria for the class.

Course Substitutions and Waivers

Under exceptional circumstances a substitution of or exemption from prescribed courses in a curriculum will be permitted. The request for a course substitution or course waiver must be prepared and initiated by the student's advisor for approval by the chair of the department and the dean of the college or school in which the student is earning a degree. The request must provide academically defensible arguments justifying the substitution or waiver.

Credit hours are not awarded when a course is waived. Hence, when a course waiver is approved, the student will usually need to complete additional electives to ensure completion of credit hours.

Scholastic Standards

Students must earn a minimum cumulative GPA of 2.0, a minimum term GPA of 2.0, and meet the threshold for Satisfactory Academic Progress (earning at least 67% of the hours that they have attempted) to maintain good academic standing. Students who fall below the 67% threshold for Satisfactory Academic Progress and/or whose term GPAs fall below 2.0 will receive a status of Good Standing with Warning. Meeting these standards does not guarantee financial aid eligibility. See Financial Aid, "Satisfactory Academic Progress". The university will evaluate students for satisfactory academic progress at the end of the fall and spring semesters. The student's academic status will be noted on the student's transcript. Students are responsible for remaining aware of their academic status.

Status	GPA	Consequences
Good Standing	2.0 or higher	Student eligible for continued enrollment and may be eligible for financial aid (see Financial Aid, "Satisfactory Academic Progress").
Good Standing with Warning	Cumulative GPA of 2.0 or higher but a term GPA below 2.0 or Satisfactory Academic Progress below 67%	Student eligible for continued enrollment but may not be eligible for financial aid (see Financial Aid, "Satisfactory Academic Progress").
Probation	Cumulative GPA below 2.0 at the end of the fall semester	Students eligible for continued enrollment and may be eligible for financial aid to achieve good standing (see Financial Aid, "Satisfactory Academic Progress"). Students on probation will not be permitted to register without meeting with their officially assigned advisor and preparing an Academic Success Plan. Student's enrollment is limited to 14 hours. (Students on probation will sometimes be advised to delay subsequent enrollment to resolve the problems causing poor performance.)
Suspension	Cumulative GPA below 2.0 at the end of the spring semester	Students ineligible for continued enrollment and ineligible for financial aid unless suspension is successfully appealed. Students who successfully appeal suspension will be placed on suspension/ reinstatement and required to participate in the Student Success Program. Students who appeal suspension, but then are suspended more than twice will not be permitted to re-enroll unless they improve status in summer school or participate in Academic Fresh Start.

Academic Suspension – If a student's GPA is below 2.0 for the first time at the end of the spring semester, the student will be placed on academic suspension, but will be allowed continued enrollment. However, the student must successfully appeal for continued financial aid eligibility.

If a student's GPA is below 2.0 for the second time at the end of the spring semester, the student will be placed on academic suspension, will not be eligible for financial aid, and will not be permitted to re-enroll without successfully appealing academic suspension or attending summer school to improve the GPA (see "Academic Regulations" for appeal procedures).

A student who is placed on suspension more than two times will not be permitted to re-enroll except through the provisions of the Academic Fresh Start program (see "Academic Regulations" for guidelines).

A student who has a cumulative GPA below 2.0 and withdraws from the university during the spring semester will be evaluated for continuous enrollment according to the guidelines above.

Academic Probation – Students who fail to maintain a cumulative GPA of at least 2.0 at the end of the fall semester will be placed on Academic Probation and will be permitted to enroll in a maximum of 14 credits for the subsequent semester. Students on probation will be required to complete an Academic Success Plan with their advisors.

Appeal Procedure

Students may appeal academic suspension by submitting the online Letter of Appeal form. The appeal form must be submitted by May 30 for summer I and summer II sessions and July 30 for the fall semester. The completed form must address each of the following:

1. The special or unusual circumstances, with documentation, which contributed to the student's academic suspension;
2. Actions the student has taken to change the circumstances so that they will not contribute again to poor academic performance;
3. Specific steps the students will take to improve his or her academic status in the upcoming semester;
4. An address and phone number at which the student may be notified of the committee's decision.

Appeals will be granted only under extraordinary circumstances that are appropriately documented. Student appeals submitted after the deadline will not be considered.

Students suspended more than two times will be permitted to re-enroll only under the provisions of the Academic Fresh Start Policy.

Academic Fresh Start

Academic Fresh Start allows students whose academic record would otherwise prevent them from enrolling to resume their studies at Fayetteville State University after a period of non-enrollment without the burden of their prior grade point average. Students suspended more than two times from the university can only return under Academic Fresh Start. Under Academic Fresh Start:

1. All course work completed at FSU prior to the semester of re-admission will be excluded from the GPA calculation.
2. All previous courses in which the student earned a final grade of C or higher will be used to fulfill degree requirements. Such courses will be designated "XG" in the academic transcript.
3. Previous courses in which the student earned a D or lower will not be used to fulfill degree requirements and will not count as earned hours. Such courses will be designated "XC" in the academic transcript.
4. All course work will remain on the transcript with the following notation: "Academic Fresh Start."
5. All attempted hours will remain on a student's record, and, hence, hours covered by Academic Fresh Start will be used in determining possible tuition surcharges and financial aid eligibility.

To be eligible for Academic Fresh Start, students must meet admissions criteria at Fayetteville State University. Students must demonstrate the potential for degree completion in one of the following ways:

1. They must have a period of non-enrollment for at least four consecutive semesters and provide evidence in their request that the conditions that led to poor academic performance have been corrected; OR
2. They must have a record of academic performance at another institution subsequent to their departure from FSU that demonstrates the potential for academic success at FSU.

A record of academic performance may be demonstrated by earning an Associate's degree, completing an academic certificate program, or earning at least 15 semester hours with a C or better. The following provisions will apply for students readmitted under this program:

1. **A student will be granted Academic Fresh Start only one time.**
2. Students readmitted under the Academic Fresh Start program will be required to enroll in a Student Success Program approved by the student's College or School Academic Advising Office to help them achieve success while re-enrolled.
3. Academic Fresh Start students will be eligible for financial aid in the first semester of re-enrollment only if their request is based on a record of academic performance at another institution subsequent to their departure from FSU. If a student does not have a record of academic performance from another institution, he/she will be responsible for all tuition and fees the first semester of reinstatement and must enroll as a full-time student. Academic Fresh Start students will be eligible for financial aid if they meet satisfactory academic progress; to do this, they must achieve a cumulative grade point average of 2.0 and a progression rate of 67% in hours attempted after their reinstatement with less than 180 attempted hours.

Requests for Academic Fresh Start must be submitted using the Letter of Appeal. The request must specify (1) the period of initial enrollment at Fayetteville State University, (2) the period of nonenrollment, (3) the conditions that led to the academic difficulty during the initial period of enrollment at Fayetteville State University, (4) the actions the student has taken to improve these conditions and circumstances, and (5) any record of academic performance at another institution.

Academic Fresh Start will be applied to the student's record at the end of the semester of his/her return after final grades have been posted.

Veterans Affairs

Entitled veterans, participants in the G. I. Bill contributory program, active duty military, drilling National Guard, drilling Reservists, and eligible spouses and offspring who have applied, met all admissions criteria, and are actively matriculating may be certified to the United States Department of Veterans Affairs Regional Office as enrolled and in pursuit of an approved program of education.

All veterans and dependents wishing to receive VA Educational Benefits through Fayetteville State University must bring a copy of the DD Form 214 or Certificate of Eligibility and/or any other document(s) that entitles receipt of benefits to the Student Veteran's Center. The Student Veteran's Center is located at 1073 Murchison Road, Bronco Square, Suite 102. Students applying for these benefits are required to provide copies of transcripts to include a high school transcript, a copy of the acceptance letter to the university, and proof of a declaration of major before certification can be made to the Veterans Administration for payment. Any change in the veteran's or dependent's course of study should be cleared with the veteran's advisor to ensure continuation of benefits. The office of the Registrar must have file copies of all transcripts, transfer evaluation forms, and other necessary documents.

The Family Educational Rights and Privacy Act of 1974 (The Buckley Amendment)

The Family Educational Rights and Privacy Act of 1974 (FERPA), also known as the Buckley Amendment, guarantees certain rights to students and qualified parents regarding a student's education records. Fayetteville State University adheres to those statutory rights and has implemented this policy in order to comply. Specifically, students are afforded the following rights with respect to their educational records:

1. The right to inspect and review the student's educational records;
2. The right to consent to disclosure of the student's education records to third parties, except to the extent that FERPA authorizes disclosure without consent;
3. The right to request amendment of the student's education records to ensure that they are not inaccurate or misleading;
4. The right to be notified annually of the student's privacy rights under FERPA and;
5. The right to file a complaint with the U.S. Department of Education concerning alleged failures by FSU to comply with the requirements of FERPA.

FSU will not release personally identifiable student information in education records or allow access to those records without prior consent of the students, except as provided by FERPA. For more details of this policy, see http://www.uncfsu.edu/policy/students/Student_Education_Records-FERPA.pdf. Such consent must be written, signed and dated, and must specify the records to be disclosed, the party to whom the records are to be disclosed, and the purpose of the disclosure.

Release of Directory Information

Unless a student requests in writing to the contrary, FSU is permitted to release directory information without consent. FSU recognizes the following as directory information: a student's name, local and permanent address, email address, telephone number, enrollment status (undergraduate, graduate, full-time or part-time), date and place of birth, major field of study, dates of attendance, honors, degrees and awards (including scholarships) received, participation in officially recognized activities/organizations and sports, weight and height of members of athletic teams, and the most recent previous educational agency or institution attended.

Under FERPA, a student has the right to request that the disclosure of directory information be withheld as long as the student is enrolled at FSU. If a student wishes to have the student's directory information withheld, the student should submit a written request to the Office of the Registrar by completing the Request for Non-Disclosure of Directory Information form (http://www.uncfsu.edu/registrar/forms/nondisclosure.pdf). Directory information may be released without permission for students no longer enrolled at FSU unless that student, at his/her last opportunity as a student, requested otherwise.

A student or parent may not use the right to opt out of directory information disclosure to prevent FSU from disclosing or from requiring a student to disclose the student's name, identifier, or institutional e-mail address in a class in which the student is enrolled.

A copy of complete FERPA policies and procedures may be obtained online.

Examinations and Assessments

Profile Examinations

Profile Examinations assess entering students' basic academic skills. The results of these examinations are used in conjunction with students' academic records to ensure effective advisement. Entering students should contact University Testing Services for information about dates, times, and locations for the administration of

profile examinations. Profile Examinations are required of new students according to the following guidelines:

First-time freshmen, including students admitted as Special Visiting pending acceptance as degree-seeking students, must complete profile examinations before enrolling in classes.

Transfer students will not be required to complete profile examinations if they are transferring in 30 or more credit hours, including at least six credit hours of university-level English and at least six credit hours of university-level mathematics. Any transfer students not meeting all of these conditions must complete profile examinations. Transfer students who are unsure if they meet one or more of these requirements are advised to complete profile examinations to avoid possible delays in advisement and registration.

Special/Visiting students who do not plan to earn a degree at FSU (i.e. who are seeking teachers certification or life enhancement, or who have permission from another institution to enroll at FSU) are not required to complete profile exams UNLESS they plan to enroll in a mathematics or English course for which they have not completed the appropriate prerequisite.

Rising Junior Examination

Fayetteville State University administers the rising junior examination as part of its system of educational accountability. The examination assesses student proficiency in core student learning outcomes upon the completion of the University College Core Curriculum. All students who enter the university with fewer than 60 credit hours are required to complete the rising junior examination before being unconditionally admitted to the upper division.

PRAXIS I fulfills the rising junior examination requirement for students majoring in teacher education programs (contact the School of Education for additional information). The rising junior examination is administered each year. Currently, there is no fee to take the exam. Eligible students will receive notification of the requirement to take the examination at the completion of a minimum of 42 semester hours of course work.

Graduating Senior Assessment

The Graduating Senior Assessment (GSA) assesses critical thinking, analytical reasoning, writing and decision-making. All graduating seniors are required to complete the GSA after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. While FSU will notify seniors about dates, times, and locations of administration of the GSA through email, campus wide news, and notifications from instructors and advisors, students are responsible for making sure they complete the GSA. Eligible students who have not been notified of the assessment should contact the Office of University Testing Services.

Mid-term and Final Examinations

At the mid-term and at the close of each semester, course examinations are administered. Since a measure of students' progress in a course is indicated by their performance on these examinations, they are required of all students except the following: (1) Students who are auditing courses or (2) Students who have maintained a 4.0 average in a course and, at the discretion of the instructor, are excused from the final examination provided that they have been evaluated substantially during the semester.

Since final examination periods are considered part of the instructional time for each class, final examinations are required in all classes. Students not present at an officially-scheduled final examination must contact the instructor of the course before the end of the final exam week to request a deferred final examination. Students who need to defer an examination must furnish valid support for the request. If the deferred examination is granted, a grade of "I" will be assigned. If the instructor is unavailable, the student

should seek assistance from the instructor's department chair or dean in contacting the faculty member before the end of the final exam week.

Other Institutional Assessments

As part of Fayetteville State University's comprehensive efforts to assess its programs and services, students may be required to complete other examinations and/or surveys. The purpose of these surveys is to guide improvement of the university. Results of examinations and survey responses are confidential.

Credit by Examination

Fayetteville State University recognizes four types of examination programs for which students may receive credit toward baccalaureate degree requirements, provided that all departmental major or minor requirements have been satisfied. These examination programs include the awarding of credit for successfully passing approved examinations, subject to the following conditions:

1. Credit will not be awarded when equivalent degree credit has been granted for regular course work.
2. Credit will not be awarded for any course in which a student has previously earned a failing grade.
3. Duplicate credit will not be awarded for overlapping tests, i.e., CLEP and AP.
4. The total number of credits by examinations that a student may earn, whether the exams are internally or externally developed, is thirty (30).
5. Students may not attempt credit by examinations after earning (90) semester hours of study at the university.
6. Credit by examination may not be attempted if the student has acceptable college credit for more advanced courses, or for courses whose content includes material similar to a course for which college credit has already been received.

Advanced Placement Program (AP)

Many high schools offer advanced classes to superior students in conjunction with the Advanced Placement Program of the College Entrance Examination Board. The university awards college credits in most areas for scores of 3 (good), 4 (high honors), or 5 (high honors). To be eligible for credit, students must request the College Board to send an official score report to the Office of Admissions for review.

College Level Exam Program (CLEP)

The following College Level Exam Program tests may be substituted for college credit, subject to the achievement of specified scores and the fulfillment of conditions stated in the policy on credit by examination outlined above and in the policy brochure available in University Testing Services.

CLEP General Exams are offered in the following areas: English Composition, Humanities, Mathematics, Natural Sciences, Social Sciences, and History.

CLEP Subject Exams are offered in the following areas: Composition and Literature, Foreign Languages, History and Social Sciences, Business, Mathematics and Science.

DANTES Subject Standardized Tests

Fayetteville State University participates in the DANTES (Defense Activity for Non-Traditional Education Support) program. DANTES tests, similar to CLEP tests, offer students opportunities to earn degree credits for work and life experiences. This examination program provides opportunities for students to gain college admission, earn academic credit, and obtain professional certification, as well as to identify their interests and aptitudes for purposes of educational counseling. DANTES tests are administered through the University Testing Services by appointment only.

Challenge Examinations

The university recognizes that exceptional students, by means of special studies or experiences, may already have achieved the objectives of certain courses in the core curriculum; therefore, students may petition to receive credit in selected courses by special departmentally approved examinations referred to as challenge examinations. Credit and a grade of "P" (pass) will be awarded to those who pass the challenge examination. Students may attempt a challenge examination only once per course. Students may not apply for challenge examination credits for courses they have audited, or for lower level courses when credit is received for higher numbered or subsequent courses in the same field or for lower level courses in the same field when the student is currently enrolled in higher number courses. Permission for challenge examination will be given only when there is evidence the student has gained a fundamental knowledge of the subject through prior preparation or experience. Candidates for the baccalaureate degree may earn no more than nine credit hours by challenge examinations. A passed challenge exam will be recorded as earned institutional credit with a grade of "P" (pass) on the student's transcript. A $30.00 fee is required per challenge exam.

Procedures for Requesting Credit by Examination

Students interested in pursuing credit by examination should complete the Request for Credit by Exam form and obtain approval from their respective advisor, department chair or the Dean of University College (for students without a declared major), and the Registrar. After receiving all approvals, the student's request will be forwarded to University Testing Services, which will administer the exam. For the Challenge Exams, the department chair is responsible for ensuring the exam results are forwarded to the Office of the Registrar using the Grade Submission Form and providing a copy of the exam.

For detailed information about these programs, call or visit University Testing Services, 134 Collins Administration Building, Fayetteville, NC 28301, (910) 672-1301.

Senior Enrollment for Graduate Level Courses

An undergraduate student will be permitted to enroll in 500-level classes if he/she meets the following stipulations:

1. has a senior classification;
2. has a G.P.A. of 3.0 or higher;
3. obtains approval from his/her advisor and department chair;
4. consults the instructor of the course(s) in which the student seeks to enroll to ensure its appropriateness; and
5. enrolls in a maximum of fifteen credits per semester (of which no more than six may be graduate credits) or a maximum of six hours in a summer session (of which no more than three may be graduate credits.)

Students are not permitted to pursue an undergraduate and graduate degree at the same time. Graduate credits earned by undergraduate students may subsequently be counted toward a graduate degree only if the credits were not used to fulfill undergraduate requirements.

Study at Another Institution

Students in residence at the university who wish to earn credits at another institution must obtain pre-approval for the courses to be completed. In the absence of such pre-approval, credits earned at other institutions may not be used to fulfill FSU degree requirements. To obtain approval for study at another institution, students must consult their department chair to ensure the course will transfer. Once the course is completed, the student must submit the official transcript to the Office of the Registrar.

Credit will be awarded only for courses in which students earn a grade of C (2.0) or higher. Since grades earned at other institutions do not affect the FSU GPA, students seeking to improve their GPAs should not pursue study at other institutions.

Academic Honors

The university recognizes student academic excellence through the Chancellor's List, the Deans' List, and invitation to membership in a number of honor societies. The annual Honors and Awards Day Ceremony highlights excellent academic achievements by students.

Chancellor's List

Students who successfully complete at least twelve (12) semester hours during one semester (or two consecutive terms for Fort Bragg students), earn a GPA of 3.75 or higher, and have no incomplete grades are placed on the Chancellor's List.

Deans' List

Students who successfully complete at least twelve (12) semester hours during one semester (or two consecutive terms for Fort Bragg students), earn a GPA of 3.2 to 3.74, and have no incomplete grades are placed on the Deans' List.

Honors and Awards Day

Students eligible for recognition at the Honors and Awards Day ceremony must be degree seeking undergraduate students. The criteria for recognition during the Honors and Awards Day ceremony are as follows:

1. The student must be full-time for both the fall and spring semesters.
2. The student must have a GPA of 3.2 or better.
3. The student must have earned the following hours at Fayetteville State University:
    a. Freshman -12 or more
    b. Sophomore - 20 or more
    c. Junior - 40 or more
    d. Senior - 60 or more

Honor Societies - General

Alpha Kappa Mu Honor Society

A chapter of Alpha Kappa Mu National Honor Society was established at Fayetteville State University in 1940 to promote scholastic excellence among the students of the institution. To qualify for election to membership in Alpha Kappa Mu students must:

1. be classified as juniors or seniors.
2. have earned a minimum of sixty (60) semester credits.
3. maintain a GPA of 3.3 or higher.
4. graduate with fifteen (15) or more credit hours earned at FSU with a GPA of 3.7 or higher.

Transfer students are not eligible for membership in the organization until they have been in residence at the university for two semesters.

Phi Eta Sigma

Phi Eta Sigma is a national honor society for college freshmen. Its goal is to encourage and reward academic excellence among freshmen in institutions of higher learning. The oldest and largest freshman honor society, Phi Eta Sigma was founded at the University of Illinois in 1923. The chapter at Fayetteville State University was established in 1992. To be eligible for membership in Phi Eta Sigma students must:

1. verify eligibility in the freshman year of study.
2. have a cumulative grade point average of at least 3.5 at the close of the semester in which membership is sought.
3. apply for membership.

Tau Sigma

Tau Sigma is an academic honor society designed specifically to recognize and promote the academic excellence and involvement of transfer students. Tau Sigma was incorporated as a non-profit in 1999 with Auburn University being the home of the first chapter. The chapter at Fayetteville State University was established in 2008. To be eligible for membership in Tau Sigma students must:

1. transfer to a four year institution of higher learning from another academic institution with at least one full years' academic credits satisfied at the prior institution(s).
2. be registered in a course of study leading to a bachelor's degree for an amount of work equal to an average full load (at least 12 hours).
3. attain superior academic achievement during their first term in the institution to which they transfer (only credit hours that count toward a bachelor's degree can be used to determine Tau Sigma eligibility). The minimum academic average required for membership is a 3.5 on a 4.0 scale.
4. apply for membership.

Honor Societies - Discipline Specific

Alpha Kappa Delta…….	Sociology
Alpha Phi Sigma……..	Criminal Justice
Beta Kappa Chi……...	Natural Sciences and Mathematics
Delta Mu Delta……	Business Administration
Kappa Delta Pi……	Education
Omicron Delta Epsilon…...	Economics
Phi Alpha ……	Social Work
Phi Alpha Theta……..	History
Pi Gamma Mu…….	Social Studies
Psi Chi……	Psychology
Sigma Delta Pi…….	Spanish
Sigma Tau Delta……..	English

Commencement

Commencement exercises are held at the close of each regular semester of the academic year, at which time degrees are officially conferred. Candidates who complete graduation requirements after the regular

commencement exercises will be awarded degrees at the next regular conferral date. Requirements are considered complete only after the appropriate documentation has been recorded in the Registrar's Office.

Candidates for graduation are strongly encouraged to participate in commencement exercises to acknowledge their academic achievements. Candidates are eligible to participate only in the commencement exercises at end of the semester in which they complete degree requirements and may not defer participation to a later date. All candidates are required to pay the graduation fee regardless of whether they participate in commencement exercises or not.

Graduation with Distinction

Baccalaureate graduates may be awarded with the following honors:

Summa Cum Laude: to those having a scholastic average of 3.800 - 4.000
Magna Cum Laude: to those having a scholastic average of 3.500 - 3.799
Cum Laude: to those having a scholastic average of 3.200 - 3.499

Graduation distinctions are awarded based on final cumulative statistics. To be eligible to graduate with honors, baccalaureate students must have completed a minimum of sixty (60) earned hours at Fayetteville State University:

Summa Cum Laude: 90 hours
Magna Cum Laude: 60 hours
Cum Laude: 60 hours

To be eligible for either Valedictorian or Salutatorian honors, graduates must have completed all work leading to the degree at Fayetteville State University. Credit hours excluded from this requirement include: college or university credits earned prior to graduation from high school, credits hours earned while participating in an approved University Study Abroad Program, and military Physical Education credit. The university reserves the right to limit the number of excluded hours to 9. For second-degree seekers, prior degree credits awarded at FSU are not considered in the hours required for honors or Valedictorian or Salutatorian.

Application for Graduation

Students are eligible to apply for graduation once they have achieved 90 or more credit hours. All students who expect to graduate must submit the online graduation application and pay the non-refundable graduation fee, through their online Banner account. Before doing so, the student should review and discuss their online degree evaluation with their advisor to determine if they are on track to meet degree requirements.

Students must apply for graduation in order to participate in commencement exercises. Prospective graduates for Spring Commencement must apply for graduation by March 30 of the same year. Prospective graduates for Winter Commencement must apply for graduation by October 30 of the same year. The university assumes no responsibility for making special adjustments for students who file late applications for graduation. The university cannot guarantee that names of students who file late applications will appear in the Commencement booklet or the Honors supplement.

Students who fail to meet graduation requirements automatically void their candidacy for that particular graduation term. If the student does not complete the necessary degree requirements within two semesters of his/her expected term of graduation, then the student must re-apply and pay an additional application fee.

Requirements for Graduation

To be eligible for graduation, a student must:

1. Be admitted as a degree-seeking student. Special Visiting students are not eligible to earn a degree.
2. Complete the online Declaration of Major form. Pre-major students and students who have not declared a major cannot earn a degree.
3. Complete all requirements of the major degree program, to include the University Core, the minimum number of earned credit hours, and the minimum cumulative GPA required for the degree program. No student will be awarded a degree without having earned at least 120 hours and a minimum cumulative GPA of 2.0. Some programs require a higher GPA and additional hours. See degree program information for specific requirements.
4. Complete a minimum of 25% of the total earned credit hours required for the degree program curriculum in residence at Fayetteville State University. Depending on the degree program, the minimum requirement will range from 30 to 33 hours.
5. Earn the minimum required Grade Point Average for courses in the major. Some programs require a minimum GPA of 2.0 in the major, while others require a minimum grade of "C" in all major courses. See degree program for specific requirements.
6. Complete the Graduating Senior Assessment (see Examinations and Assessments)

Students must check their official FSU student email account on a regular basis for updates on their graduation status. Students must maintain contact with their academic department and/or advisor to ensure that all necessary documents are completed and all graduation requirements are met. Requirements are considered complete only when appropriate documentation is received by the Office of the Registrar.

Students are subject to the institutional regulations in effect when they apply for graduation. Changes in institutional regulations may change the graduation requirements specified above. Hence, students are encouraged to know the institutional regulations in effect at the time of their anticipated graduation. Once a degree is conferred, the academic record is closed and therefore no changes may be made relevant to that particular program.

Diploma Distribution

Students can begin to request official transcripts through their online Banner account four weeks after the commencement ceremony. Diplomas will be mailed to students four weeks after the commencement ceremony. Students must satisfy all financial obligations to the university and complete the financial aid exit interview, if applicable, to receive a diploma and/or transcript.

Summer Graduation Policy

Students who meet the following criteria may participate in the May Commencement and must apply for graduation online using a summer I or summer II graduation date by March 30 of the same year. Students who take this course of action must complete their graduation requirements over the subsequent summer terms:

1. Candidates with at most nine (9) hours remaining toward the completion of their degree requirements. Students must meet the criteria for enrolling in nine hours for a single summer session or submit the completed Course Overload form to the Office of the Registrar
2. Candidates must register for summer courses needed to complete degree requirements
3. Candidates who can complete requirements at another institution, due to courses not offered at FSU, must have the approved Pursing Courses form on file in the Office of the Registrar

Diplomas and transcripts for students who complete requirements in the summer will indicate the date at end of the summer term the student completes requirements.

This option is only available for May commencement.

An Individual Course that Fulfills Dual Requirements

In some instances, an individual course may fulfill requirements of both the core curriculum and the major requirements, and, in cases of students pursuing a double major or a second baccalaureate degree, two different programs. Credit hours, however, are awarded only once per course. Hence, when a student uses a single course to fulfill dual requirements, he or she will usually need to complete additional electives to ensure completion of the minimum credit hours required by the degree program.

Requirements for a Double Major and/or Dual Degree

A student may earn a degree in two different academic disciplines with the permission of the department chairs of both areas and if all requirements of both majors are fulfilled. Students are not permitted to combine the requirements of two or more catalogs. A diploma will be issued for each major. Pursuit of a second major does not exempt the student from the tuition surcharge. Students are not permitted to pursue an undergraduate and graduate degree at the same time.

Requirements for Dual/ Multiple Concentrations

A student may earn dual or multiple concentrations within the same major, where applicable, with the permission of the department chair and if all requirements of all concentrations are fulfilled. Students are not permitted to combine the requirements of two or more catalogs. Classes may count toward requirements in more than one concentration, but will be counted only once for GPA purposes. Only one diploma will be issued for the said major. The academic transcript will indicate all concentrations. Pursuit of additional concentrations does not exempt the student from the tuition surcharge. Students are not permitted to pursue undergraduate and graduate concentrations at the same time.

Requirements for a Second Baccalaureate Degree

A student who has already earned a baccalaureate degree from Fayetteville State University may earn a second baccalaureate degree by fulfilling all the requirements of the second degree, including the current core curriculum requirements, and completing a minimum of thirty (30) credits beyond the requirements of the first degree. The tuition surcharge will apply for all hours attempted beyond 110% of the minimum additional credit hours needed to earn the additional degree.

Enrollment Verification Policy

Students may request verification for current or previous enrollments using their online student Banner account. Online requests are mailed out the next business day. All written, walk-in, and mailed-in requests for verification of previous or current enrollment will be processed within five (5) business days upon receipt in the office. During peak periods, such as registration, commencement, and grading periods for mid-terms and final examinations, the processing period is ten (10) business days for all categories. Walk-in applicants must present proper identification. For more details, visit the Office of the Registrar website at http://www.uncfsu.edu/registrar/verification.

Transcript Request Policy

Students may request transcripts through the National Student Clearinghouse for the required processing fee. For more details, visit the Office of the Registrar's website at http://www.uncfsu.edu/registrar/transcrp.htm. Students who request transcripts using the mail-in or walk-in method will be charged $10.00 per transcript. Faxed requests are not accepted. Transcripts are released only when the student's account is paid in full and loan payments are current. Requests for transcripts can be mailed to:

Office of the Registrar
Fayetteville State University
1200 Murchison Road
Fayetteville, NC 28301-4298
Phone: 910-672-1185

Students who request to pick up a transcript will be assessed $10.00 per transcript. The transcript will be addressed to the student and the envelope labeled "Released to Student." Transcripts are not available on demand.

Indebtedness to the University

All indebtedness to the university must be satisfactorily settled before a transcript of record will be issued.

Change of Name and Address

Students should notify the Office of the Registrar of any change in name or mailing address. Legal documentation is required for name changes.

A student's official name as recorded in university records during the period of attendance will appear on the diploma.

Dishonesty in Academic Affairs

Acts of dishonesty in any work constitute academic misconduct. Such acts include cheating, plagiarism, misrepresentation, fabrication of information, and abetting any of the above. Plagiarism in particular presents pitfalls to be avoided: failure to document any words, ideas, or other contributions that do not originate with the author constitutes plagiarism. Widespread use of the World Wide Web (Internet) requires particular attention to proper documentation practices. Individual course syllabi offer additional clarification about requirements for proper documentation. Actions outlined in the Fayetteville State University Student Handbook under Disciplinary System and Procedures will be followed for incidents of academic misconduct. The handbook may be obtained from the Office of Student Affairs located in the Collins Administration Building. Non-disclosure or misrepresentation on applications and other university records will make students liable for disciplinary action, including possible expulsion from the university.

Eight-Week Terms

Information and Guidelines

To facilitate the diverse scheduling needs of its students, Fayetteville State University offers classes in the evenings and on Saturdays during five eight-week terms per academic year. Terms I and II coincide with the fall semester; Terms III and IV coincide with the spring semester; and Term V coincides with summer session (see "Academic Calendars" for specific eight-week term dates).

Requirements that apply exclusively to eight-week classes are delineated below. Classes taught in eight-week terms are the same in content, quality, and requirements as classes taught in the regular sixteen-week semester. During the fall and spring semesters, students may enroll in eight-week term classes only, or simultaneously in eight-week and regular semester courses.

Registration Schedule

Students who wish to enroll in	Registration Period*
Term I classes only	August
Term I and II classes	August
Term II classes only	October
Term III classes only	January
Term III and IV classes only	January
Term IV classes only	March
Term V classes	May
*See "Calendar for Eight Week Terms" for Specific Dates	

Tuition and Fees

Requirements for payment of tuition and fees of students enrolled in the regular semester apply to students enrolled in Terms I and II or Terms III and IV, and students enrolled simultaneously in regular semester courses and eight-week term classes. For such students, tuition and fees will be assessed at the beginning of the semester and based on the student's total course load for the semester. If eligible, the student will be awarded financial aid based on his or her total hours for the semester. Students in this category will also have the opportunity to utilize the monthly payment plan.

Students enrolled in a single eight-week term must make full payment by the last day of late registration. All payments must be made to Student Accounts, located on the second floor of the Lilly Building.

Course Load

The maximum number of hours in which a student may enroll in a single eight-week term is nine. For students enrolled simultaneously in eight-week and regular semester courses, the total hours may not exceed the number permitted for the entire semester (see "Course Load" above).

Course Withdrawals

The deadline for withdrawing from individual classes in a single eight-week term is the end of the fifth week of classes (see "Academic Calendars" for specific Eight-Week Term dates). **Refunds are not given for withdrawals from individual classes**.

University Withdrawals

To withdraw from the university, the student must withdraw from all the courses in which he or she is enrolled, according to the official procedure for withdrawing from the university as outlined in the catalog (see "Official University Withdrawal Process"). Students who withdraw from the university may or may not be eligible for a full or partial refund of tuition and fees depending on the date of withdrawal (see "Refunds of Tuition and Fees").

The deadline for withdrawing from the university is two weeks prior to the last day of classes for that term.

Note: Students may not withdraw from the university in Term II or Term IV after receiving final grades in any class in Terms I and III, respectively.

Refunds of Tuition and Fees

To be eligible for a refund of tuition and fees, a student must withdraw from **all** of the classes in which he or she is enrolled. Students who withdraw from the university **may** be eligible for a partial refund of tuition and fees, depending on the date of the completion of the official withdrawal process.

University College

The University College is the academic unit ensuring that Fayetteville State University students make a successful transition to the University, master the University's core learning outcomes, and gain admission to the major program of their choice.

Mission

The mission of the University College is to provide educational opportunity to the citizens of North Carolina, to the military, and to individuals from around the nation through outreach programs such as Educational Talent Search, Upward Bound, the Educational Opportunity Centers, and the CHEER Scholars program; to provide the highest quality learning experiences through the University College Core Curriculum, the University College Learning Center, the Freshman Center, Student Support Services, the Honors Program, Bronco STAR, and ROTC; and to produce global citizens and leaders as change agents for shaping the future of the state by promoting the core learning outcomes of Global Literacy and Ethics and Civic Engagement. The University College promotes excellence through engaging instruction in the core curriculum, through effective academic support, through outstanding academic advisement, and through innovative enrichment programs.

Academic Support Resources

Student Support Services

The Student Support Services Program is funded by the U.S. Department of Education for the purpose of providing academic support services to students who meet the federal eligibility criteria. These support services are offered to students on a yearly basis to enhance their academic skills and improve their retention and graduation rates. Academic support activities include peer tutoring and collaborative learning strategies. Enrolled participants are provided the following: tutorial services in math, science, critical thinking and English; counseling services, including personal, financial, career, and graduate school advice; academic support instruction including study skills/habits, test-taking skills, and computer workshops; and educational and cultural activities.

Freshman Center

The University College Freshman Center provides assistance to first-time freshmen as they make the transition to the university. The center is staffed by the Retention Counselor and Freshman Seminar instructors who assist students in resolving the variety of problems they face either as freshmen or as first semester transfer students. The staff provides information about academic advisement, university policies and procedures, career planning, academic support resources, and other similar matters. The Retention Counselor works closely with the faculty of Freshman Seminar and University Studies. University Studies instructors provide viable information to first semester transfer students as well.

Freshman Seminar I and II is a two-semester orientation to the university that is required of all first-time freshmen. These courses are designed to introduce students to the university experience in general, and the history, policies, procedures, and resources of Fayetteville State University. Students participate in orientation sessions in the Counseling Center, the Chesnutt Library, the Office of Career Services and Placement, and the Business Office and Office of Financial Aid. The courses are intended, further, to help students develop an academic plan that will enable them to graduate in four years, and acquire the time management skills, study habits, and other skills that are necessary for success at the university.

University Studies is a one-semester orientation to the university designed specifically for transfer students who enter FSU with fewer than 30 transfer credits (freshman status). The course content is comparable to that of Freshman Seminar I and II.

Freshman Seminar/University Studies instructors serve as academic advisors for all students enrolled in their respective classes. They seek to help students resolve the variety of problems they may face in making the transition to the university. They assist students with academic advisement and career planning during the freshman year, and direct students to other resources for assistance, as needed.

Transfer students who enter FSU with 30 or more transfer credits are not required to complete University Studies.

University College Learning Center

The University College Learning Center houses several academic support programs to provide computer-based instruction and peer tutoring in a variety of subjects.

The Mathematics Center provides computer assisted instruction and tutoring for students who wish to strengthen their mathematics skills. Students who sign Extension Grade contracts in mathematics or statistics courses may be required to complete weekly assignments in the Mathematics Center. Students in other courses may also seek assistance from the Mathematics Center.

The Writing Center provides a confidential, nonjudgmental environment where student writers can work with other writers through peer tutoring and/or computer programs. Tutors provide feedback and strategies on every part of the writing process, from getting started to organization, style clarity, development, surface problems, and documenting sources. The Writing Center also provides resources for students to use independently, including dictionaries, thesauri, grammar handbooks, handouts, and workbooks, style manuals, and computer assisted instruction.

Supplemental Instruction (SI) is provided in some classes at Fayetteville State University. In this program, which is used in more than 900 colleges and universities throughout the world, highly-qualified students, known as SI Leaders, provide four one-hour sessions of academic support each week. Since the SI Leader attends class, he or she knows what the course instructor has covered in class. SI Leaders review notes, conduct practice quizzes, and carry out additional assignments to reinforce the knowledge and skills required by the class.

Academic Enrichment Programs

Learning Communities

The University College supports learning communities at Fayetteville State University. Learning communities are sets of linked courses, usually exploring a common theme. Instructors in learning communities work together to develop the theme and to coordinate their course content. Students enroll in all of the courses linked through the learning community. By linking together students, faculty, and courses, learning communities create more opportunities for enrichment, interaction, and exploration.

The Honors Program

The Honors Program provides high-ability students opportunities and to pursue a rigorous curriculum of honors courses and to obtain leadership skills through service learning in various academic and public communities. The Honors Program includes the Global Scholars program and the Honors-in-the-Major program. Entering students who meet rigorous program admission standards may be offered the chance to become a Global Scholar. The Global Scholars program provides these students with an international living-learning community and engaging first-year courses. The Honors-in-the-Major program is open to high-achieving students after their first semester of enrollment. Students pursuing Honors-in-the-Major take a more challenging curriculum in the major area of study; complete interdisciplinary research projects with stimulating faculty; have priority registration for classes; and graduate with distinction in the major. Both Global Scholars and Honors-in-the-Major students have opportunities for international study abroad as well as engaging curricular and co-curricular programs throughout their study at Fayetteville State University.

International Education

The Office of Honors and International Education provides educational opportunities to students who are interested in studying abroad. It assists international students who choose to study at Fayetteville State University. It also supports programs to promote global literacy throughout the curriculum.

Military Education

As part of its commitment to support the military, the University College houses Fayetteville State University's Reserve Officer Training Corps (ROTC) programs, both Air Force and Army. Students who meet the requirements may choose to enroll in these programs, which lead to commissioning as an officer upon graduation.

The University College Core Curriculum

The University College Core Curriculum provides the academic foundation for all the undergraduate degree programs at Fayetteville State University. The core curriculum enables students to develop the skills and general knowledge that are essential to success in their respective major programs and careers after graduation.

Core Learning Outcomes

All Fayetteville State University graduates, regardless of major, will achieve the following learning outcomes, which will be introduced in 100- and 200- level courses and reinforced throughout a student's major courses as appropriate. Fayetteville State University recognizes eight core learning outcomes in four main groups:

Transitional Studies

1. Transitional Studies: Upon completion of transitional studies courses students will be able to demonstrate skills they need for a successful transition to university life.

Essential Skills: These learning outcomes provide the foundations of communication, reasoning, and inquiry needed for success in every human endeavor.

2. Communication Skills: Students will comprehend, analyze, and evaluate the effectiveness of various forms of written and spoken communication, and they will assemble original written and spoken communications that display appropriate organization, clarity, and documentation for a given purpose and audience.
3. Reasoning Skills:
    a. Reasoning Skills - Critical Thinking: Students will accurately evaluate the reasonableness of arguments' evidence and support, and they will construct reasonable arguments using various forms of evidence drawn from multiple sources.
    b. Reasoning Skills – Quantitative Reasoning: They will apply math to situations common in everyday living, and they will calculate, interpret, and assess statistical data and concepts, percentages, proportions, rates of change, geometric measures, linear equations, probability and risk.

4. Information Literacy: Students will formulate effective questions based on a need; organize, sort, evaluate, and retrieve academic information to address the need; cite sources appropriately for their context.

Disciplinary Perspectives: Every student should understand the different ways in which knowledge about the natural and human world is created.

5. Scientific Literacy: Students will create and assess hypotheses using research methods, interpret and express the results of observation and experimentation, understand the fundamental concepts of natural and social sciences, and apply scientific knowledge to situations common to daily life to promote physical and psychological well-being.
6. Humanities and Creative Arts. Students will demonstrate comprehension, analysis, and/or synthesis of the cultural and historical contributions of the humanities and/or arts to human cultural and intellectual advancement by engaging in inquiry, writing, and/or creative processes.

Global Responsibility: FSU graduates should understand the diverse and interconnected world in which they live to become learned and responsible global citizens.

7. Global Literacy: Students will experience global diversity through interaction, examination, and critical reflection. Our students will broaden their comprehension and appreciation of globalization and their role as global citizens.
8. Ethics and Civic Engagement: Students will demonstrate knowledge and application of principles of ethical and civic responsibility.

The University College Core Curriculum is designed to ensure that graduates will achieve these learning outcomes.

Major Requirements	**Credits**
Total Credit Hours	**38-40**
Core Requirements: Minimum of 38-40 credits required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Program Requirements:** See "Other Program Requirements" on the department catalog page. Major programs may require that students take specific courses from those listed below.	
University College Core Curriculum	**38-40**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 AND 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 or SPEE 200	

Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
Select one from the following: PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3-4**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7-8**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 16O Or CHEM 101 Or CHEM 102 Or CHEM 141/142 Or CHEM 161/162 Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following**:** CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 OR ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or GLBL 200 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 OR SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ENGL 233 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or HIST 211 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes [1] UNIV 101-102 required for all first-time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	

Computer Literacy

In keeping with the increasing reliance upon computer technology in all fields, Fayetteville State University is committed to ensuring that students gain computer usage skills as appropriate to their respective

major fields. Students will gain the competencies of basic computer word processing and Internet skills in University College core courses, as appropriate.

All departments will be responsible for delineating the competencies in computer usage needed in their degree program(s) and for stating the means by which students gain these needed skills.

College of Arts and Sciences

The mission of the College of Arts and Sciences is to provide educational programs and services that promote and support excellence in teaching and innovative scholarship in the arts, humanities, social sciences, and natural sciences. The college has a collegial and distinguished faculty and staff who offer a variety of undergraduate and graduate programs to a diverse student body. Through effective teaching, active scholarship, and service, the College supports Fayetteville State University to promote the educational, cultural, social, and economic wellbeing of citizens throughout North Carolina, the nation, and the world.

The College of Arts and Sciences is the largest academic unit at the university, consisting of over 220 full time faculty and 80% of all declared majors at FSU. The college includes the Departments of Biological Sciences, Chemistry and Physics, Communication, Criminal Justice, English, Government and History, Mathematics and Computer Science, Nursing, Performing and Fine Arts, Psychology, Social Work, Sociology, and World Languages and Cultures. The College of Arts and Sciences offers baccalaureate degrees in the arts, humanities, natural sciences, and social sciences. The college offers a number of undergraduate online degree completion programs in Criminal Justice, Sociology, Psychology, Fire and Emergency Services Administration, and the RN to BSN.

The College of Arts and Sciences also has a number of graduate programs. We offer master's degrees in Biology, Social Work, Psychology (counseling and experimental), Sociology, and Criminal Justice. The Master of Science Degree program in Criminal Justice is offered online, face to face, or a combination of both.

The College of Arts and Sciences Office of Academic Advising serves many purposes, including the initial transfer equivalency review and advising of all transfer students interested in CAS majors, the coordination and initial advising of all online students in the College, initial advising of undeclared majors as they transition from University College, provide backup and support for faculty academic advisors in the College, and actively engage in all recruitment and advising activities such as First Steps and Open House.

Department of Biological Sciences

Degrees:

- Bachelor of Science in Biology
- Bachelor of Science in Forensic Science with concentration in Biology
- Bachelor of Science in Forensic Science with concentration in Chemistry

Minors

- Minor in Biology
- Minor in Biotechnology for Biology Majors
- Minor in Biotechnology for Chemistry Majors

Department of Chemistry and Physics

Degrees:

- Bachelor of Arts in Chemistry
- Bachelor of Science in Chemistry
- Engineering 3 Plus 2 Dual Degree Program

Minors

- Minor in Biotechnology for Chemistry Majors
- Minor in Chemistry
- Minor in Materials Science
- Minor in Physics

Department of Communication, Languages, and Cultures

Degrees:

- Bachelor of Arts in Communication
- Bachelor of Arts in Spanish
- *Bachelor of Arts in Spanish with Teaching Licensure (K-12)*

Minors

- Minor in Chinese Language and Culture
- Minor in Communication
- Minor in Spanish

Department of Criminal Justice

Degrees:

- Bachelor of Science in Criminal Justice

Minors

- Minor in Criminal Justice

Department of English

Degrees:

- Bachelor of Arts in English Language and Literature
- Bachelor of Arts in English Language and Literature with a Teaching/ Licensure Concentration (Secondary English 9-12)

Minors

- Minor in English
- Minor in Teaching English as a Second Language
- Minor in Writing

Department of Government and History

Degrees:

- Bachelor of Science in Fire and Emergency Services Administration
- Bachelor of Arts in Geography
- Bachelor of Arts in History
- Bachelor of Arts in Intelligence Studies
- Bachelor of Arts in Political Science
- Bachelor of Arts in Political Science with a concentration in Public Administration
- Bachelor of Science in Professional Studies

Certificate Programs

- Geospatial Intelligence (GEOINT) Certificate Program

Minors

- Minor in Geography
- Minor in History
- Minor in Intelligence Studies
- Minor in Philosophy
- Minor in Political Science
- Minor in Public Administration
- Minor in Sustainability

Department of Mathematics and Computer Science

Degrees:

- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics
- Bachelor of Science in Mathematics with a concentration in Applied Mathematics
- Engineering 3 Plus 2 Dual Degree Program

Minors

- Minor in Computer Science
- Minor in Mathematics

Department of Nursing

Degrees:

- Bachelor of Science in Nursing - Generic Four Year Track
- Bachelor of Science in Nursing - RN-BSN Track

Department of Performing and Fine Arts

Degrees:

- Bachelor of Arts in Music with a concentration in Music-Instrumental
- Bachelor of Arts in Music with a concentration in Music-Keyboard
- Bachelor of Arts in Music with a concentration in Music-Voice
- Bachelor of Arts in Music with a concentration in Music Education-Instrumental
- Bachelor of Arts in Music with a concentration in Music Education-Keyboard
- Bachelor of Arts in Music with a concentration in Music Education-Voice
- Bachelor of Arts in Theatre
- Bachelor of Arts in Visual Arts with a concentration in Art Education
- Bachelor of Arts in Visual Arts with a concentration in Digital Art
- Bachelor of Arts in Visual Arts with a concentration in Studio Art

Minors

- Minor in Dance
- Minor in Digital Art
- Minor in Music
- Minor in Theatre
- Minor in Visual Arts

Department of Psychology

Degrees:

- Bachelor of Science in Psychology
- Bachelor of Science in Psychology with a concentration in Biopsychology

Minors

- Minor in Psychology

Department of Social Work

Degrees:

- Bachelor of Social Work

Minors

- Minor in Social Work

Department of Sociology

Degrees:

- Bachelor of Arts in Sociology

Minors

- Minor in Africana Studies
- Minor in Sociology

Department of Biological Sciences

The Department of Biological Sciences offers degrees in Biology, Biotechnology, and Forensic Science. Studies in these areas of the biological sciences are designed to prepare students for careers in government, industry, health-related professions, education, or for pursuing study in graduate or professional schools. Regardless of the major, all students must successfully complete the University College Core Curriculum and the advanced courses in their majors.

Students in other undergraduate majors may elect to minor in biology or biotechnology in order to achieve their career goals. The Department of Biological Sciences offers non-major courses that will satisfy the natural sciences requirement of the University College Core Curriculum.

Cooperative Program

Fayetteville State University and Logan University have entered into an educational assistance agreement to help students from populations under-represented in the chiropractic health-care profession improve their academic competitiveness and facilitate their entry into and graduation from a chiropractic health professional school.

Learning Outcomes

BS in Biology

- Students will be able to define and explain major concepts in the biological sciences.
- Student will be able to correctly use biological instrumentation and proper laboratory techniques.
- Students will be able to communicate biological knowledge in oral and written form.
- Students will be able to explain and apply the scientific method including designing and conducting experiments and testing hypotheses.
- Student will be able to recognize the relationship between structure and function at all levels: molecular, cellular, and organismal.
- Student will be able to demonstrate the ability to read, understand, and critically review scientific information.
- Student will be able to demonstrate ethical conduct in scientific activities.

BS in Forensic Sciences

The educational objectives of the Bachelor of Science in Forensic Sciences degree program are consistent with the mission of Fayetteville State University and the accreditation standards of the Forensic Science Education Programs Accreditation Commission (FEPAC) of the American Academy of Forensic Sciences (www.aafs.org). Students should be able to:

- Demonstrate knowledge and understanding of a range of concepts and issues in Forensic science.
- Show proficiency in assessing, evaluating, analyzing, and synthesizing scientific information and data interpretation from a variety of sample sources.

- Demonstrate knowledge and techniques fundamental to the practice of forensic science.
- Demonstrate an understanding of ethical standards in the forensic science profession.
- Work cooperatively with others, while demonstrating an increasing understanding of how to be an independent learner.
- Communicate forensics knowledge in written and oral forms.

These learning objectives will be measured through the successful completion of coursework, laboratory experiences, exams, papers, and an internship/ capstone as determined by faculty responsible for teaching in the degree program.

Admission Requirements for Bachelor of Science in Forensic Science

To be accepted into the Forensic Science program, applicants must meet the following criteria:

1. Applicants must have earned at least 18 credits from the University College Core Curriculum
2. Applicant must have a cumulative GPA of 2.5 or higher.
3. Applicants must have earned a minimum grade of "C" in the following mathematics and science courses, with a maximum of two repeated courses.
    a. CHEM 141/ 142 - 161/ 162 (8)
    b. MATH 129 - MATH 130 (6)
    c. PHYS 111 - PHYS112 (8) (For biology concentration only)
    d. PHYS 120 – PHYS 121 (8) (For chemistry concentration only)
    e. CRJC 200 (3)
    f. BIOL 150 (4)

Other Program Requirements for Bachelor of Science in Forensic Science

- Student must earn a cumulative GPA of 2.0 or higher overall and in all major courses.
- Transfer credit: A maximum of 60 hours of transfer credits will be accepted towards the Forensic Science degree. No credit will be accepted for science and mathematics courses taken more than ten (10) years earlier.

Bachelor of Science in Biology

Program Requirements	**Credits**
Bachelor of Science in Biology	
Total Credit Hours	**124**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must have a grade point average of 2.0 or better with at least 30 earned hours to be admitted to the program. **Other Major Requirements:** Grade of C or higher in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	

University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or higher MATH	
Scientific Literacy - Natural Sciences[4]	**8**
BIOL 150 And BIOL 160	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 21 0 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: CHIN 110 Or CHIN 120 Or FREN 110 Or FREN 120 Or SPAN 110 Or S PAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**

Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**85**
Required Major Courses	**53**
BIOL 200 And BIOL 320 And BIOL 330 And BIOL 350 And BIOL 499 And BOTN 210 And CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162 And PHYS 111 And PHYS 112 And ZOOL 200 And ZOOL 310 And ZOOL 370 And ZOOL 430	
Major Electives	**26**
Select from the following: BIOL 225 Or BIOL 325 Or BIOL 430 Or BIOL 431 Or BIOL 490 Or BICH 411 Or BTCH 210 Or BTCH 220 Or BTCH 230 Or BTCH 310 Or BTCH 320 Or BTCH 340 Or BTCH 350 Or BTCH 360 Or BTCH 410 Or BTCH 425 Or BTCH 435 Or BTCH 440 Or BTCH 450 Or BTCH 460 Or BTCH 490 Or CHEM 210 Or CHEM 220 Or CHEM 221 Or CHEM 222 Or CHEM 223 And CHEM 224 Or CHEM 225 And CHEM 226 Or CSC 100 Or FORS 400 Or FORS 420 Or FORS 430 Or FORS 445 Or FORS 450 Or GEOG 314 Or GEOG 320 Or GEOG 325 Or GEOL 311 Or GEOL 312 Or MATH 142 Or MEDI 200 Or PHYS 113 Or PHYS 123 Or PHYS 302 Or STAT 202 Or ZOOL 210 Or ZOOL 230 Or ZOOL 350 Or ZOOL 450 Or ZOOL 470 Or ZOOL 485	
Other Required Courses	**6**
MATH 130 Or higher MATH (must be different from choice in the core) Or CHIN 110* Or CHIN 120* Or FREN 110* Or FREN 120* Or SPAN 110* Or SPAN 112* Or SPAN 120* Or SPAN 122* Or YORU 110* Or YORU 120* *Must be the same foreign language as in the core	

Bachelor of Science in Forensic Science with concentration in Biology

Program Requirements	Credits
Bachelor of Science in Forensic Science with concentration in Biology	
Total Credit Hours	**123**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 129	
Scientific Literacy - Natural Sciences[4]	**8**
BIOL 150 And CHEM 141 And CHEM 142	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210	

Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: CHIN 110 Or CHIN 120 Or FREN 110 Or FREN 120 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**84**
Forensic Biology Concentration	**34**
BIOL 330 And FORS 325 And FORS 431 And FORS 445 And FORS 450 And PHYS 111 And PHYS 112 And ZOOL 200 And ZOOL 310	
Forensic Science Courses	**50**
BICH 411 And BIOL 200 And CHEM 161 And CHEM 162 And CHEM 223 And CHEM 224 And CHEM 225 And CHEM 226 And CRJC 202 And FORS 200 And FORS 300 And FORS 400 And FORS 410 And FORS 460 And MATH 130 And MATH 142 And STAT 202	

Bachelor of Science in Forensic Science with concentration in Chemistry

Program Requirements	**Credits**

Bachelor of Science in Forensic Science with concentration in Chemistry	
Total Credit Hours	**123**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 129	
Scientific Literacy - Natural Sciences[4]	**8**
BIOL 150 And CHEM 141 And CHEM 142	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O	

r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: CHIN 110 Or CHIN 120 Or FREN 110 Or FREN 120 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**84**
Forensic Chemistry Concentration	**34**
CHEM 211 And CHEM 212 And CHEM 310 And CHEM 410 And BICH 421 And CHEM 431 And FORS 420 And FORS 430 And MATH 241 And PHYS 121 And PHYS 122	
Forensic Science Courses	**50**
BICH 411 And BIOL 200 And CHEM 161 And CHEM 162 And CHEM 223 And CHEM 224 And CHEM 225 And CHEM 226 And CRJC 202 And FORS 200 And FORS 300 And FORS 400 And FORS 410 And FORS 460 And MATH 130 And MATH 142 And STAT 202	

Minor in Biology

Minor Requirements	**Credits**
Minor in Biology	
Total Credit Hours	**21**

Grade of C or higher in all minor requirements.	
BIOL 150 And BIOL 200 And BOTN 210 And ZOOL 200 And six credits of BIOL or ZOOL electives, excluding BIOL 110-130.	

Minor in Biotechnology for Biology Majors

Minor Requirements	**Credits**
Minor in Biotechnology for Biology Majors	
Total Credit Hours	**22**
Grade of C or higher in all minor requirements.	
BICH 411 And BTCH 220 And BTCH 230 And BTCH 350 And CHEM 211 And C HEM 212 And five credits selected from the following: BICH 412 Or BIOL 490 Or BTCH 425 Or BTCH 440 Or CHEM 310 Or CHEM 400 Or PHYS 302	

Minor in Biotechnology for Chemistry Majors

Minor Requirements	**Credits**
Minor in Biotechnology for Chemistry Majors	
Total Credit Hours	**22**
Grade of C or higher in all minor requirements.	
BIOL 200 And BIOL 330 And BTCH 220 And BTCH 230 And BTCH 350 And six credits selected from the following: BICH 411 Or BICH 412 Or BIOL 490 Or BTCH 425 Or BTCH 440 Or CHEM 310 Or CHEM 400 Or PHYS 302	

Department of Chemistry and Physics

The Department of Chemistry and Physics offers three degree programs: Bachelor of Arts (BA) in Chemistry, Bachelor of Science (BS) in Chemistry, and a Bachelor of Science in Chemical Engineering (BChE) as a 3 + 2 dual program in conjunction with North Carolina State University. As a central discipline, chemistry is critical for solving the world's most important problems and making significant positive impacts on human life. The BS degree prepares students intending to pursue a graduate degree or a career in chemistry as a professional chemist. The BA degree provides a broad chemistry-based background in preparation for a chemistry-related career, for professional training in many fields including, but not limited to, medicine, dentistry, pharmacy, optometry, and for secondary school science teaching. The BChE degree will prepare students to work in a wide range of industries to solve technical problems, create and improve products, or for graduate study in the medical sciences, materials science, or patent and environmental law. The minors in chemistry, physics, and materials science are designed for students who would like additional coursework in chemistry, physics, and materials science. Other course offerings by the department include comprehensive courses in physics, physical science, astronomy, geology, and engineering, which prepare students for further studies in physics, engineering, and other related fields. The department also offers courses as a service to other disciplines as an integral part of the university's core education requirements.

Learning Outcomes

1. Students will have a firm foundation in the fundamentals and application of current chemical and scientific theories.
2. Students will develop problem-solving and analytical skills.
3. Students will be able to communicate scientific results orally and in writing.
4. Students will know and follow the proper procedures and regulations for safe handling and use of chemicals.
5. Students will be able to operate and interpret data from instrumentation.
6. Students will be able to use library resources to research chemical topics and chemical techniques.

Admission Requirements for the Bachelor of Arts and Bachelor of Science in Chemistry

Students must have a grade of C or higher in MATH 129 and a grade point average of 2.0 or better to be admitted to the program. Students declaring the Bachelor of Arts in Chemistry must also choose a minor.

Bachelor of Arts in Chemistry

Program Requirements	**Credits**
Bachelor of Arts in Chemistry	
Total Credit Hours	**122**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for the Bachelor of Arts and Bachelor of Science in Chemistry. **Other Major Requirements:** Students must have a grade of C or higher in all courses and a cumulative GPA of 2.0 or higher in order to graduate. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	

Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 129 Or MATH 131	
Scientific Literacy - Natural Sciences[4]	**8**
CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived.	

[3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**83**
Chemistry Courses	**28**
BICH 411 And CHEM 211 And CHEM 212 And CHEM 223 And CHEM 224 And CHEM 225 And CHEM 226 And CHEM 310 And CHEM 410 And CHEM 421	
Chemistry Electives	**6**
CHEM 313 Or CHEM 314 Or CHEM 400 Or CHEM 422 Or CHEM 423 Or CHEM 424 Or CHEM 430 Or CHEM 431 Or CHEM 490 Or BICH 412	
Correlative Requirements	**25**
BIOL 150 And MATH 130 And MATH 142 And MATH 241 and one sequence: PHYS 111 And PHYS 112 And PHYS 113 OR PHYS 121 And PHYS 122 And PHYS 123	
Science and Mathematics Electives	**6**
CSC 105 Or any BICH, BIOL, BTCH, CHEM, FORS, MATH, PHYS, STAT, Or ZOOL courses at the 200-level or above.	
Concentration/ Minor Courses	**18**
See appropriate catalog section for requirements.	

Bachelor of Science in Chemistry

Program Requirements	**Credits**
Bachelor of Science in Chemistry	
Total Credit Hours	**121**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for the Bachelor of Arts and Bachelor of Science in Chemistry. **Other Major Requirements:** Students must have a grade of C or higher in all courses and a cumulative GPA of 2.0 or higher in order to graduate. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**

Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 129 Or MATH 131	
Scientific Literacy - Natural Sciences[4]	**8**
CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	

Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Chemistry Courses	**38**
BICH 411 And CHEM 211 And CHEM 212 And CHEM 223 And CHEM 224 And CHEM 225 And CHEM 226 And CHEM 310 And CHEM 313 And CHEM 314 And CHEM 325 And CHEM 410 And CHEM 421 And CHEM 490	
Chemistry Electives	**6**
CHEM 400 Or CHEM 422 Or CHEM 423 Or CHEM 424 Or CHEM 430 Or CHEM 431 Or BICH 412	
Correlative Requirements	**29**
BIOL 150 And MATH 130 And MATH 142 And MATH 241 And MATH 242 And PHYS 121 And PHYS 122 And PHYS 123	
Science and Mathematics Electives	**9**
CSC 105 Or any BICH, BIOL, BTCH, CHEM, FORS, MATH, PHYS, STAT, or ZOOL courses at the 200 level or above.	

Engineering 3+2 Dual Degree Program

Engineering 3+2 Dual Degree Program	
Major Requirements	**Credits**
The Bachelor of Science in Engineering at Fayetteville State University and North Carolina State University is a "3 + 2" Dual Degree Program. Students can earn two Bachelor of Science degrees in 5 years - one from each institution. Degrees are offered in chemical engineering, computer engineering, electrical engineering, and civil engineering. Credit hour totals vary by	**159.0-172.0**

program. Courses must be selected in consultation with an advisor and FSU Engineering Coordinator. Students must maintain a GPA of 3.0 or better.

Minor in Biotechnology for Chemistry Majors

Minor Requirements	Credits
Minor in Biotechnology for Chemistry Majors	
Total Credit Hours	**22**
Grade of C or higher in all minor requirements.	
BIOL 200 And BIOL 330 And BTCH 220 And BTCH 230 And BTCH 350 And six credits selected from the following: BICH 411 Or BICH 412 Or BIOL 490 Or BTCH 425 Or BTCH 440 Or CHEM 310 Or CHEM 400 Or PHYS 302	

Minor in Chemistry

Minor Requirements	Credits
Minor in Chemistry	
Total Credit Hours	**22**
Grade of C or higher in all minor requirements.	
CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162 And CHEM 211 And CHEM 212 And CHEM 223 And CHEM 224 And CHEM 225 And CHEM 226	

Minor in Materials Science

Minor Requirements	Credits
Minor in Materials Science	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
Required Courses	**9**
MATS 160 And MATS 204 And MATS 260	
Electives (minimum)	**9**
Select three courses from the following electives: FORS 400 Or MATS 214 Or MATS 301 Or MATS 311 Or MATS 321 Or MATS 360 Or MATS 423 Or MATS 460	

Minor in Physics

Minor Requirements	Credits
Minor in Physics	

Total Credit Hours	**22**
Grade of C or higher in all minor requirements.	
PHYS 121 And PHYS 122 And PHYS 123 And 12 credits of PHYS electives (200-level and above)	

Department of Communication, Languages, and Cultures

The Department of Communication, Languages, and Cultures is dedicated to students at Fayetteville State University who are pursuing their academic and professional goals in Communication or Language Studies. We offer the Bachelor of Arts degree in Communication and the Bachelor of Arts degrees in Spanish and Spanish with Teaching Licensure (K-12). Students may also select among minors in Communication, Spanish, and Chinese Language and Culture. The department is committed to producing graduates with practical skills and knowledge that prepare them both for successful graduate study and the work force.

For students interested in communication, our goal is to inspire high-level thinking, research, and creative work on the topic of human communication by employing effective instructional strategies and state-of-the-art technology. Emphasis of study may include courses in speech communication, mass communication, media production, and journalism. Those interested in speech communication may follow paths toward careers in speechwriting and public speaking, communications consulting, conflict negotiation and mediation, consumer advocacy, public relations, organizational communication and training, and human resource management. Careers for those focusing on media might include station management, television, film, and radio production, and news writing, reporting, and editing.

For students interested in languages, the department provides a variety of language courses, including Spanish, Chinese, and French. The department seeks to improve the global readiness of its students, preparing them to communicate effectively in other languages and across cultures in the region and around the globe. Students are taught and mentored by highly dedicated professors from America and around the world who are proficient in the languages they teach, as well as in the cultures that nurture those languages. Our language programs offer rich linguistic and cultural expertise that help promote our internationalization efforts at FSU. Students interested in languages may wish to follow a career as a teacher, translator, interpreter, linguist, foreign correspondent, or work in customer service, public relations, or diplomatic corps.

Departmental facilities and student organizations include the student-run newspaper, The Voice; the student-run internet radio station, Bronco-iRadio; the campus television station, Bronco Studios; the Hispanic Club; the Spanish Honor Society (Sigma Delta Pi); and the FSU Debate and Forensics Team. The department also manages a state-of-the-art computer production laboratory and a computer foreign language laboratory.

Learning Outcomes for BA in Communication

All declared majors in Communication will be able to perform the following:

1. Demonstrate comprehension of basic theories, principles, and concepts in communication by performing writing analyses and making oral presentations that apply these ideas to real world communication activities.
2. Design, report, and discuss a communication research project that is both relevant and significant to Communication as a discipline.
3. Demonstrate the ability to evaluate critically the effects of the media industry and the importance and role of journalism in modern civic society.

Learning Outcomes for BA in Spanish

1. Apply their knowledge of Spanish to carry out a range of communicative functions in Spanish, such as engaging in oral conversation modes with sufficient accuracy so as to be easily understood by a native Spanish speaker, reading and listening to authentic texts and materials, producing written discourse and composing academic texts, and giving public oral presentations and readings.
2. Appraise the diversity and richness of the Hispanic world's multiple forms of literary and artistic expression, and relate the patterns of behavior and values integral to Hispanic cultures to their own culture, aspirations, and identity.
3. Identify, critically analyze and interpret non-literary Spanish texts and literary Spanish texts of the major genres and periods of Hispanic literature.
4. Identify the grammatical and discursive functions of Spanish language structures in a variety of social and cultural contexts.

Bachelor of Arts in Communication

Program Requirements	**Credits**
Bachelor of Arts in Communication with a concentration in Journalism	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**

ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance.	

[2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Core Courses for the Major	**27**
COMM 205 And COMM 210 And COMM 250 And COMM 260 And COMM 332 And COMM 395 And COMM 410 And COMM 470 And COMM 490	
Communication Elective Requirements	**18**
18 hours of COMM courses not required elsewhere	
Electives	**31**
Foreign Language Sequence	**6**

Bachelor of Arts in Spanish

Program Requirements	**Credits**
Bachelor of Arts in Spanish	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher is required in all major courses. SPAN 211, SPAN 212, SPAN 230, and SPAN 240 may be required based on proficiency level. Students with higher proficiency levels may substitute these courses for additional Spanish electives at the 300- and 400- level to fulfill the required number of credit hours. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**40**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107	

Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**8**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**

Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**80**
Spanish Courses	**18**
SPAN 211 And SPAN 212 And SPAN 230 And SPAN 240 And SPAN 311 And SPAN 312	
Other Required Major Courses	**27**
Any 300 or 400 level SPAN courses.	
Free Electives	**17**
Minor or Restricted Electives	**18**
Spanish majors may select any minor offered within the university (see appropriate catalog section for requirements of specific minor selected). If the student does not desire to select a minor, eighteen (18) hours of restricted electives may be selected	

Bachelor of Arts in Spanish with Teaching Licensure (K-12)

Program Requirements	**Credits**
Bachelor of Arts in Spanish with Teaching Licensure (K-12)	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher is required in all major courses. SPAN 211, SPAN 212, SPAN 230, and SPAN 240 may be required based on proficiency level.	

Students with higher proficiency levels may substitute these courses for additional Spanish electives at the 300- and 400- level to fulfill the required number of credit hours. EDUC 421, EDUC 450, EDUC 460, and READ 320 may not be taken until student is admitted to Teacher Education; EDUC 480 and EDUC 490 may not be taken until student is admitted to Student Teaching and are taken during the last and final semester. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**40**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**8**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**

Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**80**
Spanish Education Major Core	**18**
SPAN 211 And SPAN 212 And SPAN 230 And SPAN 240 And SPAN 311 And SPAN 312	
Other Required Major Courses	**27**
SPAN 321 Or SPAN 322 Or SPAN 481 And any 300 or 400 level SPAN courses.	
Professional Education Courses	**32**
EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 460 And EDUC 480 And EDUC 490 And READ 320	

Free Electives	**3**

Minor in Chinese Language and Culture

Minor Requirements	**Credits**
Minor in Chinese Language and Culture	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
CHIN 120 And CHIN 210 And CHIN 220 And CHIN 330 And six credits of CHIN electives Select one from the following Chinese Language electives: CHIN 110 Or CHIN 310 And select one from the following Chinese Culture electives: CHIN 331 Or CHIN 332 Or HIST 331	

Minor in Communication

Minor Requirements	**Credits**
Minor in Communication	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
COMM 205 And COMM 210 And four 210-400 level COMM/JOUR/SPEE courses	

Minor in Spanish

Minor Requirements	**Credits**
Minor in Spanish	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
SPAN 211 And SPAN 212 And SPAN 230 And SPAN 240 And 6-18 credits in 300- and 400-level SPAN courses (depending on proficiency level).	

Department of Criminal Justice

The Department of Criminal Justice offers a Bachelor of Science degree with the objectives of preparing students to engage in further study at the graduate and professional levels and to pursue careers in criminal justice. To achieve its objectives, the department requires students to complete the University College Core Curriculum, 48 or more credit hours in criminal justice, and additional requirements that will compliment education in criminal justice. A minor is not required to supplement the major, but discussion with your advisor about a minor that may complement your degree and your career/ higher education goals is encouraged. Instead, the department requires students to take free electives (any course, any level) to earn the required number of credit hours needed for the degree. The department offers an online degree completion program in cooperation with the North Carolina Community College System. Students may complete lower division classes online through the community college; required upper division classes are offered online by Fayetteville State University. The department also has articulation agreements with selected North Carolina community colleges which provide students with the knowledge needed to maximize their time at the community college in order to better facilitate degree completion upon admission to FSU.

Declaration of Major

In order to major in criminal justice, students must have achieved the following qualifications: 2.0 GPA and earned/ enrolled in at least 24 credit hours. A student who has been accepted into the Criminal Justice major and falls below 24 enrolled hours may be dropped from the major until the 24 credit hour requirement is achieved. First time freshman should declare their major in the second semester of their academic careers, and transfer students (who have transferred in at least 12 hours and are enrolled in at least 12 hours) should declare their CRJC or OCRJ major immediately upon acceptance to FSU.

Students declaring a major in criminal justice do NOT have to choose a minor to pair with the criminal justice major.

Information specific to Criminal Justice Majors

Students may not use life experience (field work in criminal justice or criminal justice-related field) to substitute for any classes, including CRJC 430 Internship. Students may earn 3 Phy. Ed. credits (HEED 112 and PEDU 100) and additional GSTU 200 credit for academy training (BLET, Fire Fighter, Correctional Officer) as long as the appropriate paperwork demonstrating successful completion of said academy is submitted to the Registrar's Office.

Students may take CRJC 430 (Internship in Criminal Justice) for three to six credit hours. Students are eligible to sign up for internship when they meet the following qualifications:

- 2.5 GPA
- 60 credit hours completed at the time the Internship begins
- Successful completion of CRJC 429 (Internship Preparation Course)
- Permission of the Internship Coordinator

Students must take CRJC 429 in order to be eligible for the internship. CRJC 429 is a one-credit course and will be located in the Free Electives area of the online degree evaluation and curriculum guide unless otherwise instructed by the Department Chair.

CRJC 370 is a Special Topics course that may be repeated two additional times (for a total of 9 credit hours of CRJC 370 maximum) as long as the topic focus is different in each case.

Learning Outcomes

- Critical thinking - Use and analyze evidence to guide problem analysis, problem solving, and decision making.
- Communications skills - Express and interpret thoughts, ideas, and knowledge in a clear and coherent manner in both written and oral form.
- Technology and computing skills - Demonstrate ability to use Microsoft Word and to utilize library resources and online writing tools (ex. turnitin.com and SmartThinking) to research a criminal justice issue.
- Quantitative reasoning - Compute statistical analyses of data and/or demonstrate ability to interpret meaning of analyses.
- Ethical decision making - Apply analytical skills to criminal justice problems and identify the ethical implications within such problems along with potential solutions.
- Understanding diversity - Identify and discuss the differential effects and treatment of people by and/or within the criminal justice system based on racial, ethnic, sexual orientation, sex, gender, and age characteristics.

Bachelor of Science in Criminal Justice

Program Requirements	**Credits**
Bachelor of Science in Criminal Justice	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher in all major courses. No academic credit is awarded for life experiences or for military, police academy, or other professional training. Criminal Justice majors must earn at least 50% of their credits in criminal justice through instruction offered by the institution. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**

ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	

[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Criminal Justice Courses	**21**
CRJC 200 And CRJC 201 And CRJC 215 And CRJC 220 And CRJC 304 And CRJC 314 And CRJC 450	
Criminal Justice Electives	**27**
Select nine from the following: CRJC 202 Or CRJC 203 (but not if used to satisfy core requirements) Or CRJC 210 Or CRJC 212 Or CRJC 222 Or CRJC 230 Or CRJC 243 Or CRJC 300 Or CRJC 302 Or CRJC 305 Or CRJC 311 Or CRJC 313 Or CRJC 315 Or CRJC 325 Or CRJC 333 Or CRJC 335 Or CRJC 340 Or CRJC 345 Or CRJC 351 Or CRJC 355 Or CRJC 361 Or CRJC 370 Or CRJC 380 Or CRJC 400 Or CRJC 402 Or CRJC 430 Or CRJC 460 Or CRJC 490 Or one of the following approved, non-CRJC courses: ENGL 380, GEOG 320, 200-level language course, or SOCI 333 (18 hours of major electives must be 300-400 level courses)	
Other Required Courses	**9**
PSYC 210 Or SOCI 210 And one additional three hour course from ECON, GEOG, INTL, HIST, HIPO, POLI, PSYC, or SOCI (POLI 210 does not meet this requirement if taken to fulfill core requirements)	
Statistics Electives	**3**
Select one from the following: CRJC 315 Or POLI 240 Or PSYC 233 Or SOCI 331 Or STAT 202	
Computer Skills Elective	**3**
Select one from the following: CSC 100 Or CSC 101 Or CSC 104 Or BADM 214 Or BEDU 250 Or EDUC 210 Or MIS 300 Or SOCI 333	
Minor or Free Electives	**19**

Minor in Criminal Justice

Minor Requirements	Credits
Minor in Criminal Justice	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
CRJC 200 And CRJC 201 And CRJC 215 And CRJC 220 And six credits of CRJC electives at 300 or 400 level.	

Department of English

The Department of English strives to contribute to the liberal arts education of all students. Through its English composition courses, the department seeks to ensure that all students develop effective written communication skills. Courses in literature introduce students to different genres, stylistic periods, and methods of interpretation of literature. The Bachelor of Arts degree program is offered by the department in English Language and Literature. In conjunction with the School of Education, the department also offers a teaching degree in English Language and Literature. In addition, the department features a minor in English, a minor in teaching English as a second language, and a minor in writing.

These programs prepare students to succeed in an increasingly information-based economy. The liberal arts education provided by the department prepares students for a variety of career options in fields such as education, publishing, new media, finance, politics, law, and the performing arts. Students in our department are prepared for any field which requires effective communication skills.

The Department of English is the home of Glint, the literary journal of Fayetteville State University. Other departmental resources include a Writing Center as part of the University College, a Computer Composition Laboratory, the Charles Waddell Chesnutt Library, and several student organizations.

Learning Outcomes

BA in English Language and Literature

- Describe characteristics of literature in English from diverse literary historical periods and cultures.
- Correctly apply literary terminology for narrative, poetic, and dramatic genres.
- Use literary critical perspectives to generate original analyses of literature in English.
- Compose diverse researched and/or original texts in varied genres and formats, using various composing processes, technologies, and/or multimodal formats.
- Relate language patterns to cultural values.
- Locate and evaluate discipline-specific sources, and incorporate and cite sources according to the MLA style manual.

BA in English Language and Literature with a Teaching Licensure Concentration (Secondary English 9-12)

- Analyze texts from diverse historical periods.

- Compose diverse researched and/or original texts in varied genres and formats, using various composing processes, technologies, and/or multimodal formats.
- Select materials, design lesson plans, and present age-appropriate material on issues related to English language, the process of writing, and literature, including literature written specifically for adolescents.
- Compare and contrast language structures and explain relationships between language and culture.
- Locate and evaluate discipline-specific sources, and incorporate and cite sources according to the MLA style manual.

Bachelor of Arts in English Language and Literature

Program Requirements	**Credits**
Bachelor of Arts in English Language and Literature	
Total Credit Hours	**121**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher is required in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**

Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5]	

Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
English Literature Courses	**27**
ENGL 411 And ENGL 470 And select five from the following: ENGL 211 Or ENGL 212 Or ENGL 220 Or ENGL 223 Or ENGL 311 Or ENGL 312 Or ENGL 321 Or ENGL 322 (at least six credits must be at the 300 level)	
English Language and Professional Writing Courses	
Select one from the following: ENGL 222 Or ENGL 230 Or ENGL 231 And select one from the following: ENGL 335 Or ENGL 341 Or ENGL 342 Or ENGL 343 Or ENGL 344 Or ENGL 345 Or ENGL 346 Or ENGL 347 Or ENGL 420	
Major Electives	**18**
Select six ENGL courses (200-400 level). At least nine credits must be taken at the 300 or 400 level.	
Foreign Language Courses	**6**
Any two foreign language courses.	
Minor or Electives	**31**
Any minor and/or elective credits.	

Bachelor of Arts in English Language and Literature with a Teaching Licensure Concentration (Secondary English 9-12)

Program Requirements	**Credits**
Bachelor of Arts in English Language and Literature with a Teaching Licensure Concentration (Secondary English 9-12)	
Total Credit Hours	**125**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher is required in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**

Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG	

220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
English Courses	**21**
ENGL 231 And ENGL 232 And ENGL 271 And ENGL 301 And ENGL 343 And ENGL 411 And ENGL 470	
Major Electives	**21**
Select one from the following: ENGL 211 Or ENGL 212 Or ENGL 310 And select one from the following: ENGL 220 Or ENGL 223 Or ENGL 240 And select one from the following: ENGL 222 Or ENGL 230 Or ENGL 331 And select one from the following: ENGL 311 Or ENGL 312 Or ENGL 320 And select one from the following: ENGL 321 Or ENGL 322 Or ENGL 340 And select one from the following: ENGL 335 Or ENGL 341 Or ENGL 345 And select one additional ENGL course (200-499)	
Professional Education Courses	**39**
EDUC 210 And EDUC 310 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 460 And EDUC 480 And EDUC 490 And READ 320	
Foreign Language Courses	**6**
Any two foreign language courses.	

Minor in English

Minor Requirements	Credits
Minor in English	
Total Credit Hours	**18**

Grade of C or higher in all minor requirements.	
ENGL courses (200-400 level). At least nine credits must be taken at the 300-400 levels.	

Minor in Teaching English as a Second Language

Minor Requirements	**Credits**
Minor in Teaching English as a Second Language	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
ENGL 230 And TESL 309 And TESL 310 And TESL 330 And TESL 341 And ENGL 231 Or ENGL 343 Or READ 422	

Minor in Writing

Minor Requirements	**Credits**
Minor in Writing	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
ENGL 241 And ENGL 335 And ENGL 420 And choose three courses from the following: ENGL 342 Or ENGL 344 Or ENGL 345 Or ENGL 346 Or ENGL 347 Or ENGL 381 Or ENGL 480	

Department of Government and History

The mission of the Department of Government and History is to provide effective instruction and educational programs in geography, history, intelligence studies, and political science. The department offers bachelor's degrees and minors in fire and emergency services administration, geography, history, intelligence studies, political science, and professional studies. The department also offers minors in philosophy, public administration, and sustainability as well as a certificate program in Geospatial Intelligence (GEOINT). The department supports the activities of its student honor societies and clubs, which include the History Honor Society Phi Alpha Theta, the Political Science Honor Society Pi Sigma Alpha, the International Social Science Honor Society Pi Gamma Mu, the History Club, the Organization of Security Students, the Political Science Club, the Pre-Law Club, and the Model UN. The Department of Government and History is committed to the mission of Fayetteville State University in accommodating the higher educational needs of its students and providing life-long experiences and cultural opportunities for members of its immediate and extended communities.

The Bachelor of Science in Professional Studies is an interdisciplinary degree program that enables students to develop twenty-first century skills, such as critical thinking, communication, knowledge of global cultures, and related skills and knowledge that will prepare them for leadership roles and professional success in the global economy. At the same time, the program provides students the opportunity to develop an individualized program of specialized knowledge and skills consistent with their personal interests, professional goals, and previous experience.

Learning Outcomes

B.S. Fire and Emergency Services Administration

- Student will be able to define and explain major concepts in the area of fire and emergency services administration.
- Student will be able to apply scientific knowledge to develop new solutions to solve administrative issues in the fire and emergency services.
- Student will be able to apply knowledge of fire and emergency services administration by working with stakeholders in the community through the study of political, economic, social, and historical contexts of fire and emergency services.
- Student will demonstrate the ability to read, interpret, and review scientific information regarding the fire and emergency services.
- Student will be able to communicate fire and emergency services related knowledge in both discussions and written forms.

B.A. Geography

- Demonstrate knowledge of the basic concepts of physical and human geography.
- Define and explain the spatial interactions between human activities and environmental conservation.
- Demonstrate problem solving skills in the discipline with the use of Geographical Information Systems (GIS) and other geospatial techniques.
- Develop writing skills, oral communication skills, and global literacy skills as applicable to spatial analysis of the human environment.

B.A. History

- Produce critically analyzed scholarship by using the latest technology to access available historical sources and applying historical methodology.
- Identify and distinguish historical eras and periods.
- Evaluate major historical figures and contributions of specific groups.
- Analyze significant historical events.
- Examine major historical interpretations.

B.A. Intelligence Studies

- Identify and distinguish the basic concepts and theoretical approaches to the emerging discipline of Intelligence Studies.
- Research, examine, and critique, orally and in writing, major issues, concerns, and debates—including ethics—within the emerging discipline and related disciplines such as Security Studies.
- Apply foreign cultural and linguistic knowledge to structure intelligence problems and provide solutions in response to security in the local, state, national, and international communities.
- Analyze the planning, implementing, and evaluating of intelligence activities in any setting (military/government, business/corporate, law enforcement/security) from the local to the global stage.
- Integrate theoretical approaches with practice through internships and service learning, as a professional intelligence analyst in the public and private sector.

B.A. Political Science

- Demonstrate the basic concepts and theoretical approaches in the discipline.
- Explain a thorough knowledge of the content, issues, concerns and debates within the sub-fields of the discipline: American Politics; Comparative Politics; International Relations; Public Administration; and Political Theory.
- Apply their mastery of concepts and content to relate the historical to the present nature of politics and governance.
- Apply theories and research methods to understand new and complex phenomena.
- Construct theoretical approaches with practice through internships.
- Develop writing skills, oral communication skills and computer literacy.
- Develop critical thinking skills and construct a sense of the responsibilities of democratic citizenship / personal political efficacy.

B.S. Professional Studies

- Present original written and spoken communications that display the organization, clarity, documentation, and persuasiveness that are essential for effective leadership in multiple professional settings.
- Construct reasonable and effective arguments using various forms of evidence drawn from multiple sources to address practical problems and issues that arise in multiple professional settings.
- Interpret, assess, and apply effectively statistical concepts and data in addressing practical problems and issues that arise in multiple professional settings.
- Deepen their appreciation of the diversity of cultures, belief systems, and values to enable them to interact effectively and work cooperatively with diverse peoples in multiple professional settings.
- Offer ethically defensible solutions to the problems and issues that emerge in multiple professional settings.
- Employ technical skills and synthesize advanced knowledge to solve problems in their respective areas of specialization and concentration.
- Evaluate information, data, and ideas from multiple sources to develop solutions in their respective areas of specialization and concentration.

Admission Requirements for Bachelor of Science in Fire and Emergency Services Administration

The Bachelor of Science in Fire and Emergency Services Administration degree program is a 2+2 program in partnership with accredited community colleges using an on-line delivery system. The program is fully online. Some requirements must be completed through an accredited community college. Students with an Associates of Applied Science in Fire Protection Technology from an accredited community college will apply directly to Fayetteville State University for admission. University College Core Courses needed for the program may be completed on the FSU campus, but these courses will not have on-line delivery. It is the responsibility of the student to ensure all deficiencies are met prior to graduation.

Admission Requirements: Admission to the Fire and Emergency Services Administration major requires a minimum of 60 transferable credit hours with a GPA of 2.0 or higher.

Admission Requirements: Fire Service Related Education and/or Experience

The Fire and Emergency Services Administration program has been designed as a bachelor's degree completion program. Students admitted under dual enrollment status will be eligible to transfer up to 84

community college credit hours. Students not participating in the dual enrollment feature can transfer up to 90 credit hours from community colleges or universities providing that all of those credits have been completed prior to admission to Fayetteville State University. Therefore, prior to formal admission, the applicant should meet one of the following criteria:

1. A regionally accredited A.A.S. in a fire service related disciplines.
2. A regionally accredited A.A.S., A.A., or A.G.S. in any discipline, with five years of documented fire service experience.
3. A student seeking a second bachelor's degree.

Other Program Requirements for Bachelor of Science in Fire and Emergency Services Administration

1. Student must receive a "C" or higher in all Natural Science and Fire and Emergency Services Administration courses with a cumulative GPA of 2.0 or higher for graduation.
2. Students will be required to pass a background check and a review process similar to that needed for employment in a fire service position.

Bachelor of Science in Fire and Emergency Services Administration

Program Requirements	**Credits**
Bachelor of Science in Fire and Emergency Services Administration	
Total Credit Hours	**122**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission Requirements." **Other Major Requirements:** Grade of C or higher in all natural science and fire and emergency services administration courses with a cumulative GPA of 2.0 or higher for graduation. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140 Or HEA 110 Or PED 110 (HEA 110 and PED 110 are NCCCS equivalent courses) Or approved equivalent from an accredited college or university	

Communication Skills - Written Communication	**3**
ENGL 110 Or ENG 111 (ENG 111 is the NCCCS equivalent course) Or approved equivalent from an accredited college or university	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200 Or COM 231 Or FIP 224 (COM 231 and FIP 224 are NCCCS equivalent courses) Or NC/NFPA Instructor Level I certification Or approved equivalent from an accredited college or university	
Information Literacy	**3**
Select one from the following ENGL 120 Or ENG 112 Or ENG 113 or ENG 114 (ENG 112, ENG 113, and ENG 114 are the NCCCCS equivalent courses) Or approved equivalent from an accredited college or university	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202 Or MAT 140 Or MAT 151 Or MAT 161 (MAT 140, MAT 151, MAT 161 are the NCCCS equivalent courses) Or approved equivalent from an accredited college or university	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122 Or FIP 229 And FIP 230 (FIP 229 and FIP 230 are NCCCS equivalent courses) Or Emergency Medical Technician certification Or Hazardous Materials Technician certification Or approved equivalents (courses and labs) from an accredited college or university	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210 Or HIS 132 Or POL 120 Or POL 130 Or PSY 150 Or SOC 210 (HIS 132, POL 120, POL 130, PSY 150, and SOC 210 are the NCCCS equivalent courses) Or approved equivalent from an accredited college or university	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203 Or ART 111 Or ENG 131 Or HUM 110 Or HUM 121 Or HUM 211 Or HUM 212 Or MUS 110	

Or DRA 211 (ART 111, ENG 131, HUM 110, HUM 121, HUM 211, HUM 212, MUS 110, and DRA 211 are the NCCCS equivalent courses) Or approved equivalent from an accredited college or university	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120 Or ANT 210 Or ENG 261 Or 262 Or GEO 112 Or HIS 111 Or HIS 112 Or REL 110 Or SPA 111 Or SPA 112 (ANT 210, ENG 261, ENG 262, GEO 112, HIS 111, HIS 112, REL 110, SPA 111, and SPA 112 are the NCCCS equivalent courses) Or approved equivalent from an accredited college or university	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220 Or CJC 212 Or PHI 240 (CJC 212, PHI 240 are the NCCCS equivalent courses) Or approved equivalent from an accredited college or university	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**84**
Fire Protection Technology/ Emergency Preparedness Technology Courses (Major 100/200 Transferable Coursework)	**39**
Select from the following: FIP 120 And FIP 124 And FIP 128 And FIP 132 And FIP 136 And FIP 140 And FIP 144 And FIP 148 And FIP 152 And FIP 156 And FIP 160 And FIP 160A And FIP 164 And FIP 176 And FIP 180 AND FIP 184 And FIP 188 And FIP 220 And FIP 221 And FIP 224 And FIP 228 And FIP 232 And FIP 236 And FIP 240 And FIP 244 And FIP 248 And FIP 252 And FIP 256 And FIP 260 And FIP 264 And FIP 268 And FIP 272 And FIP 276 And FIP 277 And EPT 120 And EPT 124 And EPT 130 And EPT 150 And	

EPT 210 And EPT 220 And EPT 225 And EPT 230 And EPT 260 And EPT 275 And EPT 280	
Fire Science Core Curriculum:	**33**
FESA 322 And FESA 350 And FESA 360 And FESA 377 And FESA 400 And FESA 402 And FESA 412 And FESA 422 And FESA 430 And FESA 440 And FESA 455	
Required Elective Courses	**6**
Choose six hours from: FESA 390 Or FESA 421 Or FESA 441 Or FESA 490	
Other Requirements	**6**
CSC 100 Or CIS 110 (CIS 110 is a NC Community College equivalent course) And one course from Humanities and Creative Arts, Scientific Literacy-Social Sciences, Global Literacy, and/ or Ethics and Civic Engagement	

Bachelor of Arts in Geography

Program Requirements	**Credits**
Bachelor of Arts in Geography	
Total Credit Hours	**122**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Grade of C or higher required in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215 Or SPEE 200	

Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance.	

[2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Geography Courses	**24**
GEOG 210 * And GEOG 220 * And GEOG 310 And GEOG 314 And GEOG 320 And GEOG 350 And GEOG 440 And GEOG 480	
Geography Electives	**6**
Two GEOG electives at the 200 level or higher.	
Restricted Electives	**21**
Select from at least three different disciplines from the following: ANTH 200-499 Or ASTR 100-499 Or CHEM 100-499 Or CRJC 100-499 Or CSC 100-499 Or ECON 100-499 Or GEOL 100-499 Or HIST 100-499 Or INTL 100-499 Or MATH 100-499 Or PHYS 100-499 Or POLI 100-499 Or PSYC 100-499 Or SOCI 100-499	
Minor or Electives	**18**
As designated by the selected program or free electives.	
Electives	**13**
* May also satisfy a University College Core requirement. If so used, must be offset by an equal number of credit hours in the program.	

Bachelor of Arts in History

Program Requirements	**Credits**
Bachelor of Arts in History	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Minimum GPA of 2.0. Grade of C or higher in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**

Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
Select one from the following: PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
Select one from the following: MATH 123 Or MATH 126	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG	

220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
History Courses	**33**
HIST 110 * And HIST 120 * And HIST 210 * And HIST 211 And HIST 212 * And HIST 311 And HIST 312 And HIST 490	
Non-Western History Courses. Select three from the following:	
HIST 270 * Or HIST 331 Or HIST 350 Or HIST 352 Or HIST 353 Or HIST 370 Or HIST 375	
Major Electives	**12**
Choose four courses from any 300 or 400 level HIST or HIPO designation.	
Social Science Requirements	**12**
Select four from the following: ANTH 210 * Or ECON 200 Or ECON 211 * Or GEOG 210 * Or GEOG 220 * Or POLI 210 * Or PSYC 210 * Or SOCI 210 *	
Free Electives	**24**
Eighteen hours of elective or minor courses. Six hours of free elective courses.	
* May also satisfy a University College Core requirement. If so used, must be offset an equal number of credit hours in the program.	

Bachelor of Arts in Intelligence Studies

Program Requirements	Credits
Bachelor of Arts in Intelligence Studies	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Minimum GPA of 2.0. Grade of C or higher in all major courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C	

HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Intelligence Studies Core Courses	**15**
INTL 200 And INTL 210 And INTL 220 And INTL 400 And INTL 480	
Intelligence Studies Major Elective Courses	**18**

Select six from the following: INTL 300 Or INTL 310 Or INTL 320 Or INTL 330 Or INTL 410 Or INTL 420 Or INTL 430 Or INTL 440 Or INTL 450 Or INTL 460 Or INTL 470 Or INTL 490	
History/Political Science Elective	**6**
Select two from the following: HIST 340 Or HIST 362 Or HIST 450 Or HIST 460 Or POLI 420 Or POLI 422 Or POLI 430 Or POLI 431 Or POLI 432	
Statistics Elective	**3**
Select one from the following: SOCI 331 Or SOCI 333 Or PSYC 233 Or STAT 202 Or CRJC 315 Or POLI 240	
Computer Skills Electives	**6**
Choose two from the following: CSC 100 Or CSC 105 Or CSC 205 Or MIS 300 Or GEOG 314 Or GEOG 320 Or GEOG 325	
Area Studies	**6**
Select two from the following: GEOG 220 * Or HIPO 310 Or HIST 352 Or POLI 350 Or POLI 351 Or POLI 352	
Foreign Language	**6**
Two courses of a foreign language sequence.	
Minor or Electives	**18**
As designated by selected program or free electives.	
Free Elective	**4**
* May also satisfy a University College Core requirement. If so used, must offset by an equal number of credit hours in the program.	

Bachelor of Arts in Political Science

Program Requirements	**Credits**
Bachelor of Arts in Political Science	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	

University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**8**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**

Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
Political Science Courses	**30**
POLI 200 * And POLI 210 * And POLI 220 * And POLI 230 * And POLI 240 * And POLI 450 And POLI 460 And choose two from the following: POLI 350 OR POLI 351 Or POLI 352 Or HIPO 310 And choose one of the following: POLI 471 Or POLI 480 Or POLI 481 Or POLI 490	
Major Electives	**15**
Choose five courses from the following: POLI 150 Or POLI 301 Or POLI 311 Or POLI 312 Or POLI 320 Or P OLI 321 Or POLI 330 Or POLI 331 Or POLI 332 Or POLI 400 Or POLI 401 Or POLI 402 Or POLI 410 Or POLI 411 Or POLI 412 Or POLI 420 Or POLI 422 Or POLI 430 Or POLI 431 Or POLI 432 Or POLI 440 Or POLI 441 Or POLI 44 2 Or POLI 461 Or POLI 470 Or HIPO 300 Or HIPO 341 Or HIPO 342 Or HIP O 440	
Social Sciences Requirements	**12**
Choose four courses from the following: ECON 200-499 Or GEOG 200-499 Or HIST 200-499 Or INTL 200-499 Or SOCI 200-499	

Minor or Electives	**18**
As designated by the selected program or free electives.	
Electives	**6**
* May also satisfy a University College Core requirement. If so used, must be offset by an equal number of credit hours in the program.	

Bachelor of Arts in Political Science with a concentration in Public Administration

Program Requirements	**Credits**
Bachelor of Arts in Political Science with a concentration in Public Administration	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**

Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**8**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5]	

Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
Major Courses	**30**
POLI 200 * And POLI 210 * And POLI 220 * And POLI 230 * And POLI 240 * And POLI 450 And POLI 460 And choose two from the following: POLI 321 Or POLI 330 Or POLI 400 Or POLI 401 Or POLI 402 Or POLI 412 Or POLI 431 And choose one from the following: POLI 471 Or POLI 480 Or POLI 481 Or POLI 490	
Major Electives	**12**
Choose four courses from the following: POLI 150 Or POLI 311 Or POLI 331 Or POLI 332 Or POLI 350 Or POLI 351 Or POLI 352 Or POLI 410 Or POLI 411 Or POLI 430 Or POLI 432 Or POLI 440 Or POLI 441 Or POLI 461 Or HIPO 300 Or HIPO 310 Or HIPO 341 Or HIPO 342 Or HIPO 440	
Concentration Courses	**18**
POLI 301 And POLI 312 And POLI 320 And POLI 420 And POLI 442 And POLI 470 (Students with prior administrative or leadership experience may choose an elective in place of POLI 470)	
Social Science Requirement	**9**
Choose three courses from the following: ECON 200-499 Or GEOG 200-499 Or HIST 200-499 Or INTL 200-499 Or SOCI 200-499	
Electives	**12**
* May also satisfy a University College Core requirement. If so used, must be offset by an equal number of credit hours in the program.	

Bachelor of Science in Professional Studies

Program Requirements	**Credits**
Bachelor of Science in Professional Studies	
Total Credit Hours	**120**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** 1.) At least 24 credits in the program must be earned at the 300- or 400- level at FSU. 2.) Students must earn a C or better in all classes that serve major requirements, to include electives. 3.) Students will receive transfer credits only for courses in which they earned a final grade of C or better; transfer credit will not be awarded for developmental/ remedial courses. 4.) For students who have earned an associate's degree, a	

maximum of 60 credits will be applied to the program. These credits will be applied to the core curriculum and the concentration. Additional transfer credits may be awarded with approval from the BSPS Advisory Committee. 5.) Students will develop a concentration in consultation with the Program Coordinator to meet the student's prior experience and professional goals and interests. A concentration will usually fit one of the designs found below. All proposed concentrations must be approved by the BSPS Advisory Committee. 6.) Classes that are used to satisfy a University College core requirement cannot be used/ counted twice in order to satisfy a BSPS program requirement. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**

Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or GLBL 200 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ENGL 233 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or HIST 211 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Core Requirements	**21**
ENGL 380 Or PHIL 220 And BADM 216 Or CRJC 315 Or POLI 240 Or PSYC 233 Or SOCI 331 Or STAT 202 Or SWRK 310 And ENGL 335 Or ENGL 341 Or ENGL 344 Or ENGL 345 And ART 217 Or BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETC	

E 200 Or FESA 360 Or GEOG 270 Or HCM 200 Or INTL 410 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220 And POLI 312 And two* courses that promote global awareness, at least one of which is at the 300 or 400 level. (*One of the Global Awareness classes may be a 100 or 200 level Foreign Language class as long as this does not cause a student's upper division hours to drop below 24 hours).	
Concentration (specific courses chosen by student and faculty advisor to meet personal or professional interest)	**42**
Combination:	
A combination of existing majors, majors and minors, or minors.	
Thematic:	
A set of thematically related courses taken from multiple disciplines.	
Applied/ Technical:	
A set of courses chosen to obtain proficiency in applied/ technical skills; restricted electives can also be used to develop this concentration.	
Restricted Electives	**15**
100 – 400 level courses, ideally related to the concentration.	
Electives	**4**
100 – 400 level courses, may be from any discipline.	

Geospatial Intelligence (GEOINT) Certificate Program

Certificate Requirements	**Credits**
Geospatial Intelligence (GEOINT) Certificate Program	
Total Credit Hours	**21**
Students must receive a grade of C or higher in all certificate requirements unless receiving credit for transfer courses which are transferred in without credit.	
CSC 105 And CSC 205 or an alternate course in computer programming And GEOG 314 And GEOG 320 And GEOG 325 And INTL 200 And INTL 320	

Minor in Geography

Minor Requirements	**Credits**
Minor in Geography	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	

GEOG 210 And GEOG 220 And 12 credits of GEOG 200-499 electives.	

Minor in History

Minor Requirements	Credits
Minor in History	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
HIST 110 And HIST 120 And HIST 210 And HIST 211 And HIST 212 And three credits selected from Asian, African, Latin American, or Middle Eastern history.	

Minor in Intelligence Studies

Minor Requirements	Credits
Minor in Intelligence Studies	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
INTL 200 And INTL 210 And INTL 220 And INTL 400 And select two from the following electives: INTL 300 Or INTL 310 Or INTL 320 Or INTL 330 Or INTL 410 Or IN TL 420 Or INTL 430 Or INTL 440 Or INTL 450 Or INTL 460 Or INTL 462 Or INTL 470 Or INTL 480 Or INTL 490	

Minor in Philosophy

Minor Requirements	Credits
Minor in Philosophy	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
Select six PHIL courses beyond PHIL 110: PHIL 210 Or PHIL 211 Or PHIL 212 Or PHIL 220 Or PHIL 230 Or PHIL 3 10 Or PHIL 315 Or PHIL 320 Or PHIL 330 Or PHIL 340 Or PHIL 360 Or PHIL 370 Or PHIL 430	

Minor in Political Science

Minor Requirements	Credits
Minor in Political Science	
Total Credit Hours	**18**

Grade of C or higher in all minor requirements.	
POLI 200 And POLI 210 And POLI 320 And POLI 450 And POLI 460 And one course selected from the following: POLI 350 Or POLI 351 Or POLI 352 Or HIPO 310	

Minor in Public Administration

Minor Requirements	**Credits**
Minor in Public Administration	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
POLI 200 And POLI 210 And POLI 220 And POLI 301 And POLI 312 And three credits of POLI electives.	

Minor in Sustainability

Minor Requirements	**Credits**
Minor in Sustainability	
Total Credit Hours	**18**
Each applicant to the minor shall present a proposed plan for approval by both her/ his advisor and the coordinator of the minor; all three electives may NOT be taken within a student's own department in order to ensure that all students add breadth to their major course of study; grade of C or higher in all minor requirements.	
POLI 110 And PHIL 250 And one of the following: CRJC 400 Or HIST 375 Or POLI 313 Or POLI 431 And three from the following electives: BADM 220 Or BIOL 350 Or CRJC 203 Or CRJC 402 Or ECON 212 Or EDUC 310 Or EDUC 330 Or ELEM 320 Or ENGL 321 Or ENGL 380 Or GEOG 270 Or GEOG 320 Or HIST 271 Or POLI 300 Or POLI 353 Or SOCI 442 Or SWRK 220 Or SWRK 230 Or SWRK 330	

Department of Mathematics and Computer Science

The Department of Mathematics and Computer Science offers three programs leading to the degree of Bachelor of Science. These degree programs are designed so that all students take the basic University College Core courses, major courses in Mathematics and Computer Science, and flexible elective choices. The department also offers minors in Mathematics and Computer Science, a concentration in Applied Mathematics, and courses in Statistics. These programs of study prepare graduates for careers in teaching, business, industry, and government, or for further study.

Learning Outcomes

BS in Mathematics

1. Student will be able to demonstrate skills in solving mathematical problems
2. Student will be able to comprehend mathematical principles and logic
3. Student will be able to demonstrate knowledge of mathematical modeling
4. Student will be able to manipulate and analyze data numerically and/or graphically
5. Student will be able to communicate effectively mathematical ideas/results verbally or in writing

BS in Computer Science

1. An ability to apply knowledge of computing and mathematics appropriate to the discipline;
2. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution;
3. An ability to design, implement and evaluate a computer-based system, process, component, or program to meet desired needs;
4. An ability to function effectively on teams to accomplish a common goal;
5. An understanding of professional, ethical, legal, security, and social issues and responsibilities;
6. An ability to communicate effectively with a range of audiences;
7. An ability to analyze the local and global impact of computing on individuals, organizations and society;
8. Recognition of the need for, and an ability to engage in, continuing professional development;
9. An ability to use current techniques, skills, and tools necessary for computing practices.
10. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices;
11. An ability to apply design and development principles in the construction of software systems of varying complexity.

A minor in mathematics consists of a minimum of 21 credit hours beginning at the level of MATH 131. These credits must include 12 credit hours of calculus. A student whose major or minor is mathematics and computer science must earn a grade of C or better in all computer science and mathematics classes.

Bachelor of Science in Computer Science

Program Requirements	**Credits**
Bachelor of Science in Computer Science	
Total Credit Hours	**120**
Core Requirements: Minimum of 39 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Students must earn a grade of C or higher in all major CSC courses and have a minimum GPA of 2.0. Any student enrolled in a CSC or MATH course who does not meet the prerequisites for that course will be required to drop the course. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**

Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 129 And MATH 130 Or MATH 131	
Scientific Literacy - Natural Sciences[4]	**8**
Select one of the following sequences: BIOL 150 And BIOL 160 Or CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162 Or PHYS 121 And PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	

Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
Computer Science Courses	**51**
CSC 105 And CSC 120 And CSC 130 And CSC 201 And CSC 207 And CSC 220 And CSC 303 And CSC 320 And CSC 322 And CSC 350 And CSC 403 And CSC 431 And CSC 470 And CSC 490 And three credits from CSC 200 or higher And three credits from CSC 300 or higher And three credits from CSC 400 or higher And select one from the following: CSC 202 Or CSC 204	
Mathematics and Statistics	**17**
MATH 142 And MATH 150 And MATH 241 And MATH 251 And STAT 202	
Major Electives	**6**
Select six credits from the following: GEOG 320 Or GEOG 325 Or MATH 242 Or MATH 260 Or MATH 300 or higher Or CSC 300 or higher Or PHYS 200 or higher Or STAT 300 or higher (students must enroll in the GEOINT certificate program and complete the program to be eligible to have GEOG 320 and GEOG 325 counted towards computer science major requirements).	
Science Elective	**4**
Select at least four credits in addition to core requirement from the following: BIOL 150 Or BIOL 160 Or BIOL 200 Or CHEM 141 And CHEM 142 Or CHEM 161 And CHEM 162 Or CHEM 220 Or CHEM 221 Or GEOG 320 Or GEOG 325 Or PHYS 121 Or PHYS 122 Or PHYS 211 Or PHYS 212 Or ZOOL 200 Or higher (students must enroll in the GEOINT certificate program and complete the program to be eligible to have GEOG 320 and GEOG 325 counted towards computer science major requirements).	

Electives	**3**

Bachelor of Science in Mathematics

Program Requirements	**Credits**
Bachelor of Science in Mathematics	
Total Credit Hours	**120**
Core Requirements: Minimum of 39 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** A student must pass prerequisite courses with a grade of C or higher before enrolling in subsequent courses. The mathematics major must complete a departmental comprehensive examination in the senior year. Any student enrolled in a CSC or MATH course who does not meet the prerequisites for that course will be required to drop the course. Students must earn a grade of C or higher in all major courses and have a minimum GPA of 2.0. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**

MATH 129 And MATH 130 Or MATH 131	
Scientific Literacy - Natural Sciences[4]	**8**
Select one of the following sequences: BIOL 150 And BIOL 160 Or CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162 Or PHYS 121 And PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**

Mathematics Courses	**48**
MATH 142 And MATH 150 And MATH 241 And MATH 242 And MATH 251 And MATH 260 And MATH 262 And MATH 312 And MATH 331 And MATH 361 And MATH 362 And MATH 412	
Select three from the following:	
MATH 431 Or MATH 461 Or MATH 472 Or MATH 481 Or MATH 492	
Other Course Requirements	**18**
STAT 301 And STAT 302 And CSC 105 And CSC 120 And CSC 130 And CSC 202 Or CSC 204	
Restricted Electives	**9**
Select at least 9 credits in addition to the Scientific Literacy - Natural Sciences requirement and the other course requirements from the following: BIOL 150-499 Or CHEM 141-499 Or CSC 200-499 Or MATH 300-499 Or PHYS 121-499 Or STAT 315-499 Or ECON 200-499	
Electives	**6**

Bachelor of Science in Mathematics with a concentration in Applied Mathematics

Program Requirements	**Credits**
Bachelor of Science in Mathematics with a concentration in Applied Mathematics	
Total Credit Hours	**120**
Core Requirements: Minimum of 39 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** A student must pass prerequisite courses with a grade of C or higher before enrolling in subsequent courses. The mathematics with a concentration in applied mathematics major must complete a departmental comprehensive examination in the senior year. Any student enrolled in a CSC or MATH course who does not meet the prerequisites for that course will be required to drop the course. Students must earn a grade of C or higher in all mathematics and applied mathematics courses for graduation. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107	

Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 129 And MATH 130 Or MATH 131	
Scientific Literacy - Natural Sciences[4]	**8**
Select one of the following sequences: BIOL 150 And BIOL 160 Or CHEM 141 And CHEM 142 And CHEM 1 61 And CHEM 162 Or PHYS 121 And PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	

Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
Mathematics Courses	**48**
MATH 142 And MATH 150 And MATH 241 And MATH 242 And MATH 251 And MATH 260 And MATH 320 And MATH 331 And MATH 361 And MATH 362 And MATH 412 And MATH 435 And select three from the following: MATH 431 Or MATH 461 Or MATH 472 Or MATH 481 Or MATH 492	
Other Major Requirements	**18**
STAT 301 And STAT 302 And CSC 105 And CSC 120 And CSC 130 And CSC 202 Or CSC 204	
Applied Mathematics Courses	**15**
MATH 420 And MATH 431 And MATH 440 And select two (or three *) from the following: CSC 310 Or CSC 360 Or MATH 325 Or MATH 345 Or MATH 350 Or MATH 372 Or MATH 380 Or MATH 405 Or MATH 410 Or MATH 420 Or STAT 315 Or STAT 415 (* student must take three courses from this list if MATH 431 is used to satisfy the Mathematics Courses requirements).	

Engineering 3+2 Dual Degree Program

Engineering 3+2 Dual Degree Program	
Major Requirements	**Credits**
The Bachelor of Science in Engineering at Fayetteville State University and North Carolina State University is a "3 + 2" Dual Degree Program. Students can earn two Bachelor of Science degrees in 5 years - one from each institution. Degrees are offered in chemical engineering, computer engineering, electrical engineering, and civil engineering. Credit hour totals vary by program. Courses must be selected in consultation with an advisor and FSU Engineering Coordinator. Students must maintain a GPA of 3.0 or better.	**159.0-172.0**

Minor in Computer Science

Minor Requirements	Credits
Minor in Computer Science	
Total Credit Hours	**27**
Grade of C or higher in all minor requirements.	
MATH 150 And MATH 250 And CSC 105 And CSC 120 And CSC 130 And CSC 2 01 And CSC 220 And six credits of CSC Electives at 300 or 400 level.	

Minor in Mathematics

Minor Requirements	Credits
Minor in Mathematics	
Total Credit Hours	**21**
Grade of C or higher in all minor requirements.	
MATH 131 (Additional mathematics courses may be required based on profile examinations. MATH 129-130 with a grade of C or better in each will substitute for MATH 131.) And MATH 142 And MATH 241 And MATH 242 And six credits of MATH electives at 200 level or above.	

Department of Nursing

The Department of Nursing at Fayetteville State University (DON-FSU) was established in 1992 to provide baccalaureate education to registered nurses. Today, the department offers two tracks for students seeking a Bachelor of Science Degree in Nursing – the Generic Track and the RN to BSN completion track. Graduates of the program are nurse generalists who are prepared to function in six interrelated roles: advocate, clinician, collaborator/coordinator, educator, leader, and consumer of research.

The program holds membership in the American Association of Colleges of Nursing (AACN). The program is accredited by the Commission on Collegiate Nursing Education (CCNE), a subsidiary of AACN. The Generic Track of the Bachelor of Science in Nursing program also has full approval of the North Carolina Board of Nursing.

The educational objectives of the Bachelor of Science in Nursing (BSN) program are consistent with the mission of the Department of Nursing, the mission of Fayetteville State University, the Commission on Collegiate Nursing Education (CCNE), and the laws, rules, and standards of the North Carolina Board of Nursing.

The four year generic track

The four year generic track is designed for students who want to be professional Registered Nurses. Upon completion of the program of study, the student will receive the Bachelor of Science in Nursing and be eligible upon recommendation of the Department Chair and approval of the Board of Nursing to take the

National Licensure Examination for Registered Nurses (NCLEX-RN) to become licensed as a Registered Nurse. The program provides a foundation for graduate education.

The nursing curriculum is composed of two components: pre-nursing and upper division nursing. The pre-nursing component is composed of a minimum of three academic semesters and one summer semester of prerequisite courses or the equivalent. The upper division comprises four academic semesters and one summer semester after admission to the upper division.

Learning Outcomes

1. Synthesize empirical and theoretical knowledge from nursing, the natural, social and applied sciences, and the humanities to achieve optimal health care outcomes for clients throughout the lifecycle in a variety of settings.
2. Demonstrate competency in the utilization of systematic and purposeful application of the nursing process to promote the optimal health of clients throughout the life cycle in a variety of settings
3. Collaborate with interdisciplinary teams to provide culturally competent, patient centered care to clients throughout the lifecycle.
4. Utilize the principles of economics and social justices to enhance accessibility to health care and thereby decreasing health disparities.
5. Utilize critical thinking and ethical decision making to enhance quality improvement in the outcomes of patient care and the health care needs of the community.
6. Integrate informatics and technological advancement into the delivery of nursing practice.
7. Utilize knowledge and leadership skills to manage systems that are responsive to the health care needs of southeastern North Carolina, the state, the nation and the global society.
8. Apply research findings to support evidence-based best practices in the delivery of nursing interventions to improve health care of a diverse population.

Admission Requirements for RN-BSN
All applicants must meet the following criteria:

1. Admission to Fayetteville State University.
2. Applications are accepted July 1 for August admission and November 15 for January admission.
3. Active and unencumbered RN license.
4. Evidence of an earned Associates Degree in Nursing or a Hospital Diploma in Nursing from an accredited program.

Admission Requirements for BSN
Admission to the Upper Division of Nursing

All applicants are reminded that completion of pre-nursing requirements does not automatically ensure admission to the upper division.

Admission Criteria to Upper Division:

- Submission of completed application to Nursing Department
- Successful completion of all required prerequisite courses with a grade of C or better.
- Overall GPA of 2.75 and a Math/Science GPA of 2.8 or higher.
- A passing score on the Kaplan Nursing Entrance Exam.
- Required health screens and immunizations.
- Clear criminal background check and drug screens.

- Submission of writing sample.
- Interview with the Admission, Progression, and Retention Committee.

Bachelor of Science in Nursing - Generic Four Year Track

Program Requirements	Credits
Bachelor of Science in Nursing - Generic Four Year Track	
Total Credit Hours	**127**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements. **Other Major Requirements:** Grade of C or higher in upper division courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**

CHEM 101 And CHEM 102 Or CHEM 141 And CHEM 142 And CHEM 223 And CHEM 224	
Scientific Literacy - Social Sciences	**3**
SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: CHIN 110 Or CHIN 120 Or FREN 110 Or FREN 120 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
PNUR 210 And ETCE 101 Or ETCE 102 Or ETCE 103	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**88**
Support Courses for the Major	**21**
STAT 202 And PSYC 210 And PSYC 331 And BIOL 255 And ZOOL 210 And ZOOL 230	
Upper Division Courses	**61**
NURS 321 And NURS 324 And NURS 326 And NURS 350 And NURS 350L And NURS 360 And NURS 360L And NURS 361 And NURS 361L And NURS 365 And NURS 401 And NURS 401S And NURS 405 And NURS 405L And NURS 406 And NURS 406L And NURS 410 And NURS 451 And NURS 451L And NURS 481 And NURS 481L	
Major Electives	**6**

CSC 100 And three foreign language credits.	

Bachelor of Science in Nursing - RN-BSN Track

Program Requirements	Credits
Bachelor of Science in Nursing - RN-BSN Track	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission Requirements." **Other Major Requirements:** Grade of C or higher in upper division courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111 Or Transfer Equivalency	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 Or Transfer Equivalency	
Communication Skills - Written Communication	**3**
ENGL 110 Or Transfer Equivalency	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200 Or Transfer Equivalency	
Information Literacy	**3**
ENGL 120 Or Transfer Equivalency	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220 Or Transfer Equivalency	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or Transfer Equivalency	

Scientific Literacy - Natural Sciences[4]	**8**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122 And ZOOL 210 Or Transfer Equivalency	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210 Or Transfer Equivalency	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203 Or Transfer Equivalency	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120 Or Transfer Equivalency	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220 Or Transfer Equivalency	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	

Program Requirements	**81**
Support Courses for the Major	**17**
BIOL 255 And PSYC 210 And ZOOL 230 And BADM 216 Or POLI 240 Or PSYC 233 Or SOCI 331 Or STAT 202 And PSYC 320 Or PSYC 331 Or PSYC 343 Or PSYC 360 Or PSYC 365 Or PSYC 422 Or approved equivalents from an accredited college or university	
Transferable Major Courses	**32**
Validation of previous nursing education, 32 nursing credit hours transferred from ADN program, is based on successful completion of NURS 300 and NURS 320. Transferred ADN courses accepted are NUR 112 And NUR 113 And NUR 114 And NUR 212 And NUR 213 Or approved equivalents from an accredited college or university.	
Upper Division Courses	**32**
NURS 300 And NURS 310 And NURS 320 And NURS 325 And NURS 400 And NURS 411 And NURS 430 And NURS 450 And NURS 480 And select one from the following: NURS 330 Or NURS 421	

Department of Performing and Fine Arts

The main purpose of the Department of Performing and Fine Arts is to produce graduates that are prepared to pursue careers in the arts in all their polysemy. To this end, the department enriches its curricula by providing artist-in-residence programs, distinguished visiting professorships, and special courses that offer opportunities to study at national and international cultural centers with world-class artist-teachers. The department offers programs of study leading to the following degrees: BS in Art Education, BA in Visual Arts, BS in Music Education, BA in General Music, and BA in Theatre. The department also offers minors in Dance, Music, Theatre, and Visual Arts.

The Department of Performing and Fine Arts aspires to enhance the quality of life of the individual and that of a diverse community by: 1) becoming a center and resource for teacher excellence in arts education, 2) enriching the communities' quality of life via activities in music, visual arts, and theater, 3) promoting a climate for scholarly engagement with the arts, and 4) providing life-long learning experiences with the arts. Above all, the department seeks to build community through the arts.

Learning Outcomes

BA in Visual Arts

1. Students will demonstrate comprehension of content knowledge and production processes in visual arts disciplines.
2. Students will apply and synthesize the elements of art and principles of design.
3. Students will demonstrate critical thinking through analysis and evaluation of works of art.
4. Students will demonstrate mastery of their designated area of concentration.
5. Students will demonstrate the ability to construct and defend a composition through the oral, written, and visual presentation of their work.
6. Students will demonstrate comprehension of global perspectives in visual culture.

BA in Art Education

1. Demonstrate synthesis of instructional design by devising lesson and unit plans appropriate to the learners' correct level of difficulty.
2. Demonstrate effective application of multiple assessment procedures.
3. Demonstrate synthesis of instructional design by devising lessons and/or projects that integrate content knowledge, global awareness, and interdisciplinary approaches.
4. Demonstrate effective pedagogical practice in the classroom (Student teaching).
5. Demonstrate application and analysis of content knowledge.

BA in General Music

1. Students will demonstrate and apply essential skills of musical performance.
2. Students will possess comprehensive knowledge of music theory and demonstrate essential aural skills.
3. Students will possess a comprehensive knowledge of music history and synthesize the analysis of literature, performance styles, and genres of Western and non-Western music.
4. Students will devise a construct of music through aesthetic experience and critical and creative thinking.

BA in Music Education

1. Students will demonstrate and apply essential skills of musical performance.
2. Students will possess a comprehensive knowledge of music theory and demonstrate essential aural skills.
3. Students will possess a comprehensive knowledge of music history and synthesize the analysis of literature, performance styles, and genres of Western and non-Western music.
4. Students will devise a construct of music through aesthetic experience and critical and creative thinking.
5. Students will analyze and synthesize pedagogical strategies, assessment, and the nature of the learner.

BA in Theatre

1. Demonstrate competency in creating, researching, critically analyzing, and evaluating a theatrical artifact.
2. Implement conceptually, critically, and practically the components integral to the theatrical artifact. .
3. Identify and understand historical, multicultural, and social contexts for an artifact as they pertain to significant periods, genres, and styles.
4. Exhibit competency in the responsibilities involved in collaborating as a production team member.

Bachelor of Arts in Music with a concentration in Music-Instrumental

Program Requirements	**Credits**
Bachelor of Arts in Music with a concentration in Instrumental	
Total Credit Hours	**120-124**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements.	

Program Admission Requirements: A placement test in music theory and performance is required before enrolling in any courses as a major. Students must complete or test out of MUSI 100 and MUSI 102 and perform a successful audition to be admitted into the General Music degree program. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. In order to graduate, students in this degree program must: 1. Obtain a grade of C or higher in all music courses; 2. Pass the Piano Proficiency Exam; 3. Complete juries each semester of applied lessons; 4. Pass the Sophomore Qualifying Exam (prior to 300 level of applied lessons); 5. Successfully complete a Senior Recital in the semester before graduation and perform a senior recital hearing one month before the scheduled recital date; 6. Earn a grade of P in MUSI 165 for five semesters.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**

Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
MUSI 260	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82-86**
Music Core Courses	**30**
MUSI 118 And MUSI 152 And MUSI 201 And MUSI 202 And MUSI 225 And MUSI 281 And MUSI 292 And MUSI 351 And MUSI 352 And MUSI 381 And MUSI 391 And MUSI 396 And MUSI 431	
Music Track Courses	**14-18**
MUSI 218 And MUSI 241 And MUSI 242 And MUSI 251 And MUSI 341 And MUSI 342 And MUSI 354 And MUSI 462 And select two from the following: MUSI 350 Or MUSI 360 Or MUSI 370 Or MUSI 430 Or MUSI 440 Or MUSI 460 Or MUSI 470	
Applied Instrumental Courses	**8**
MUSI 165 (students need to enroll in MUSI 165 each semester during their applied music sequence) And MUSI 499 And select appropriate sequence from the following: MUSI 167 And MUSI 267 And MUSI 367 And MUSI 467 Or MUSI 173	

And MUSI 273 And MUSI 373 And MUSI 473 Or MUSI 175 And MUSI 275 And MUSI 375 And MUSI 475 Or MUSI 179 And MUSI 279 And MUSI 379 And MUSI 479 (Each course in sequence must be completed two times in the 100-300 levels and only once at the 400 level.)	
Ensemble Requirements	**9**
Courses repeated for credit. Select four major ensembles from the following: MUSI 110 Or MUSI 160 Or MUSI 191 Or MUSI 192 And select four chamber ensembles from the following: MUSI 111 Or MUSI 115 Or MUSI 120 Or MUSI 125 Or MUSI 130 Or MUSI 140 Or MUSI 150 And select one additional ensemble from the above major and chamber ensembles. Note: all above selections are based on your major instrument.	
Music Electives	**3**
Minor (Any Minor)	**18**

Bachelor of Arts in Music with a concentration in Music-Keyboard

Program Requirements	**Credits**
Bachelor of Arts in Music with a concentration in Music-Keyboard	
Total Credit Hours	**121-122**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A placement test in music theory and performance is required before enrolling in any courses as a major. Students must complete or test out of MUSI 100 and MUSI 102 and perform a successful audition to be admitted into the General Music degree program. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. In order to graduate, students in this degree program must: 1. Obtain a grade of C or higher in all music courses; 2. Pass the Piano Proficiency Exam; 3. Complete juries each semester of applied lessons; 4. Pass the Sophomore Qualifying Exam (prior to 300 level of applied lessons); 5. Successfully complete a Senior Recital in the semester before graduation and perform a senior recital hearing one month before the scheduled recital date; 6. Earn a grade of P in MUSI 165 for five semesters.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**

Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
MUSI 260	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	

[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**83-84**
Music Courses	**28**
MUSI 118 And MUSI 152 And MUSI 225 And MUSI 281 And MUSI 292 And MUSI 351 And MUSI 352 And MUSI 381 And MUSI 391 And MUSI 394 And MUSI 431	
Music Track Courses	**17-18**
MUSI 218 And MUSI 241 And MUSI 242 And MUSI 251 And MUSI 285 And MUSI 341 And MUSI 342 And MUSI 354 And MUSI 462 And select two from the following: MUSI 420 Or MUSI 430 Or MUSI 440 Or MUSI 491	
Applied Keyboard Courses	**8**
MUSI 165 (students need to enroll in MUSI 165 each semester during their applied music sequence) And MUSI 499 And select appropriate sequence from the following: MUSI 169 And MUSI 269 And MUSI 369 And MUSI 469 Or MUSI 171 And MUSI 271 And MUSI 371 And MUSI 471 (Each course in sequence must be completed two times in the 100-300 levels and only once at the 400 level.)	
Ensemble Requirements	**9**
Courses repeated for credit. Select four major ensembles from the following: MUSI 110 Or MUSI 160 Or MUSI 191 Or MUSI 192 And select four chamber ensembles from the following: MUSI 111 Or MUSI 115 Or MUSI 120 Or MUSI 125 Or MUSI 130 Or MUSI 140 Or MUSI 150 And select one additional ensemble from the above major and chamber ensembles. Note: all above selections are based on your major instrument.	
Music Electives	**3**
Minor (Any Minor)	**18**

Bachelor of Arts in Music with a concentration in Music-Voice

Program Requirements	**Credits**
Bachelor of Arts in Music with a concentration in Music-Voice	

Total Credit Hours	**123-124**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A placement test in music theory and performance is required before enrolling in any courses as a major. Students must complete or test out of MUSI 100 and MUSI 102 and perform a successful audition to be admitted into the General Music degree program. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. In order to graduate, students in this degree program must: 1. Obtain a grade of C or higher in all music courses; 2. Pass the Piano Proficiency Exam; 3. Complete juries each semester of applied lessons; 4. Pass the Sophomore Qualifying Exam (prior to 300 level of applied lessons); 5. Successfully complete a Senior Recital in the semester before graduation and perform a senior recital hearing one month before the scheduled recital date; 6. Earn a grade of P in MUSI 165 for five semesters.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**

NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
MUSI 260	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**85-86**
Music Core Courses	**30**
MUSI 118 And MUSI 152 And MUSI 201 And MUSI 202 And MUSI 225 And MUSI 281 And MUSI 292 And MUSI 351 And MUSI 352 And MUSI 381 And MUSI 391 And MUSI 394 And MUSI 431	
Music Track Courses	**17-18**
MUSI 218 And MUSI 241 And MUSI 242 And MUSI 252 And MUSI 285 And MUSI 341 And MUSI 342 And MUSI 354 And MUSI 462 And select two from the following: MUSI 262 Or MUSI 420 Or MUSI 430 Or MUSI 440 Or MUSI 491	
Applied Voice Courses	**8**

MUSI 177 And MUSI 277 And MUSI 377 And MUSI 477 (Each course must be completed two times in the 100-300 levels and only once at the 400 level) And MUSI 165 (students need to enroll in MUSI 165 each semester during their applied music sequence) And MUSI 499	
Ensemble Requirements	**9**
Courses repeated for credit. Select four major ensembles from the following: MUSI 110 Or MUSI 160 Or MUSI 191 Or MUSI 192 And select four chamber ensembles from the following: MUSI 111 Or MUSI 115 Or MUSI 120 Or MUSI 125 Or MUSI 130 Or MUSI 140 Or MUSI 150 And select one additional ensemble from the above major and chamber ensembles. Note: all above selections are based on your major instrument.	
Music Electives	**3**
Minor (Any Minor)	**18**

Bachelor of Arts in Music with a concentration in Music Education-Instrumental

Program Requirements	**Credits**
Bachelor of Arts in Music with a concentration in Music Education-Instrumental	
Total Credit Hours	**125**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A placement test in music theory and performance is required before enrolling in first semester classes. Students must complete or test out of MUSI 100 and MUSI 102 and perform a successful audition to be admitted into the Music Education degree program. Student must fulfill all requirements for admission to Teacher Education. EDUC 211 must be completed in the second year. Admission to Teacher Education required before enrolling in EDUC 421, 450, 460, 480, 490, and READ 320. Please consult music program handbook for additional information. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. In order to graduate, students in this degree program must: 1. Obtain a grade of C or higher in all music and education courses; 2. Pass the Piano Proficiency Exam; 3. Pass the PRAXIS I Exam; 4. Complete juries each semester of applied lessons; 5. Pass the Sophomore Qualifying Exam (prior to 300 level of applied lessons); 6. Successfully complete a Senior Recital in the semester before graduation and perform a senior recital hearing one month before the scheduled recital date; 7. Earn a grade of P in MUSI 165 for five semesters.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**

Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
NSCI 110 And NCSI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
MUSI 260	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	

Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Music Core Courses	**30**
MUSI 118 And MUSI 152 And MUSI 201 And MUSI 202 And MUSI 225 And MUSI 281 And MUSI 292 And MUSI 351 And MUSI 352 And MUSI 381 And MUSI 391 And MUSI 396 And MUSI 431	
Music Education Courses	**42**
EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 460 And EDUC 480 And EDUC 490 And MUSI 155 And MUSI 241 And MUSI 242 And MUSI 251 And MUSI 341 And MUSI 342 And MUSI 441 And READ 320	
Applied Instrumental Courses	**8**
MUSI 165 (students need to enroll in MUSI 165 each semester during their applied music sequence) And MUSI 499 And select appropriate sequence from the following: MUSI 167 And MUSI 267 And MUSI 367 And MUSI 467 Or MUSI 173 And MUSI 273 And MUSI 373 And MUSI 473 Or MUSI 175 And MUSI 275 And MUSI 375 And MUSI 475 Or MUSI 179 And MUSI 279 And MUSI 379 And MUSI 479 (Each course in sequence must be completed two times in the 100-300 levels and only once at the 400 level.)	
Ensemble Requirements	**7**
Courses repeated for credit. Select four major ensembles from the following: MUSI 110 Or MUSI 160 Or MUSI 191 Or MUSI 192 And select two chamber ensembles from the following: MUSI 111 Or MUSI 115 Or MUSI 120 Or MUSI 125 Or MUSI 130 Or MUSI 140 Or MUSI 150 And select one additional ensemble from the above major and chamber ensembles. Note: all above selections are based on your major instrument.	

Bachelor of Arts in Music with a concentration in Music Education-Keyboard

Program Requirements	Credits
Bachelor of Arts in Music with a concentration in Music Education-Keyboard	
Total Credit Hours	**123**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A placement test in music theory and performance is required before enrolling in first semester classes. Students must complete or test out of MUSI 100 and MUSI 102 and perform a successful audition to be admitted into the Music Education degree program. Student must fulfill all requirements for admission to Teacher Education. EDUC 211 must be completed in the second year. Admission to Teacher Education required before enrolling in EDUC 421, 450, 460, 480, 490, and READ 320. Please consult music program handbook for additional information. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. In order to graduate, students in this degree program must: 1. Obtain a grade of C or higher in all music and education courses; 2. Pass the Piano Proficiency Exam; 3. Pass the PRAXIS I Exam; 4. Complete juries each semester of applied lessons; 5. Pass the Sophomore Qualifying Exam (prior to 300 level of applied lessons); 6. Successfully complete a Senior Recital in the semester before graduation and perform a senior recital hearing one month before the scheduled recital date; 7. Earn a grade of P in MUSI 165 for five semesters.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	

Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
NSCI 110 And NCSI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
MUSI 260	
Global Literacy	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**85**
Music Core Courses	**28**

MUSI 118 And MUSI 152 And MUSI 225 And MUSI 281 And MUSI 292 And MUSI 351 And MUSI 352 And MUSI 381 And MUSI 391 And MUSI 394 And MUSI 431	
Music Education Courses	**42**
EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 460 And EDUC 480 And EDUC 490 And MUSI 155 And MUSI 241 And MUSI 242 And MUSI 252 And MUSI 341 And MUSI 342 And MUSI 441 And READ 320	
Applied Keyboard Courses	**8**
MUSI 165 (students need to enroll in MUSI 165 each semester during their applied music sequence) And MUSI 499 And select appropriate sequence from the following: MUSI 169 And MUSI 269 And MUSI 369 And MUSI 469 Or MUSI 171 And MUSI 271 And MUSI 371 And MUSI 471 (Each course in sequence must be completed two times in the 100-300 levels and only once at the 400 level.)	
Ensemble Requirements	**7**
Courses repeated for credit. Select four major ensembles from the following: MUSI 110 Or MUSI 160 Or MUSI 191 Or MUSI 192 And select two chamber ensembles from the following: MUSI 111 Or MUSI 115 Or MUSI 120 Or MUSI 125 Or MUSI 130 Or MUSI 140 Or MUSI 150 And select one additional ensemble from the above major and chamber ensembles. Note: all above selections are based on your major instrument.	

Bachelor of Arts in Music with a concentration in Music Education-Voice

Program Requirements	**Credits**
Bachelor of Arts in Music with a concentration in Music Education-Voice	
Total Credit Hours	**125**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A placement test in music theory and performance is required before enrolling in first semester classes. Students must complete or test out of MUSI 100 and MUSI 102 and perform a successful audition to be admitted into the Music Education degree program. Student must fulfill all requirements for admission to Teacher Education. EDUC 211 must be completed in the second year. Admission to Teacher Education required before enrolling in EDUC 421, 450, 460, 480, 490, and READ 320. Please consult music program handbook for additional information. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. In order to graduate, students in this degree program must: 1. Obtain a grade of C or higher in all music and education courses; 2. Pass the Piano Proficiency Exam; 3. Pass the PRAXIS I Exam; 4. Complete juries each semester of applied lessons; 5. Pass the Sophomore Qualifying Exam (prior to 300 level of	

applied lessons); 6. Successfully complete a Senior Recital in the semester before graduation and perform a senior recital hearing one month before the scheduled recital date; 7. Earn a grade of P in MUSI 165 for five semesters.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
NSCI 110 And NCSI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
MUSI 260	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG	

220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Music Core Courses	**30**
MUSI 118 And MUSI 152 And MUSI 201 And MUSI 202 And MUSI 225 And MUSI 281 And MUSI 292 And MUSI 351 And MUSI 352 And MUSI 381 And MUSI 391 And MUSI 394 And MUSI 431	
Music Education Courses	42
EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 460 And EDUC 480 And EDUC 490 And MUSI 155 And MUSI 241 And MUSI 242 And MUSI 252 And MUSI 341 And MUSI 342 And MUSI 441 And READ 320	
Applied Voice Courses	**8**
MUSI 177 And MUSI 277 And MUSI 377 And MUSI 477 (Each course must be completed two times in the 100-300 levels and only once at the 400 level) And MUSI 165 (students need to enroll in MUSI 165 each semester during their applied music sequence) And MUSI 499	
Ensemble Requirements	**7**
Courses repeated for credit. Select four major ensembles from the following: MUSI 110 Or MUSI 160 Or MUSI 191 Or MUSI 192 And select two chamber ensembles from the following: MUSI 111 Or MUSI 115 Or MUSI 120 Or MUSI 125 Or MUSI 130 Or MUSI 140 Or MUSI 150 And select one additional ensemble from the above major and chamber ensembles. Note: all above selections are based on your major instrument.	

Bachelor of Arts in Theatre

Program Requirements	Credits
Bachelor of Arts in Theatre	
Total Credit Hours	**121**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	

Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**83**
Major Required Courses	**45**
THEA 141 (repeated for a total of six times) And THEA 218 And THEA 230 And THEA 302 And THEA 303 And THEA 206 And THEA 237 And THEA 305 And THEA 333 And THEA 450 And select one of the following: THEA 217 Or THEA 347 Or THEA 403 And select one of the following: THEA 430 Or THEA 495 (Any course not taken as a requirement may serve as a theatre elective)	
Major Electives	**18**

Select six of the following: COMM 211 Or COMM 212 Or ENGL 411 Or THEA 236 Or THEA 238 Or THEA 242 Or THEA 260 Or THEA 310 Or THEA 315 Or THEA 320 Or THEA 347 Or THEA 349 Or THEA 350 Or THEA 402 Or THEA 403 Or THEA 404 Or THEA 411 Or THEA 413 Or THEA 414 Or THEA 415 Or THEA 420 Or THEA 421 Or THEA 430 Or THEA 495 (Any course taken as a requirement may not be doubled for the theatre elective)	
Electives	**14**
See appropriate catalog section for requirements of minor. If minor is chosen, 18-21 hours might be needed. This would increase the total required hours (125-128) for the major and the minor. Theatre majors may choose a minor from any program other than Theatre.	
Foreign Language Courses	**6**
Any two foreign language courses.	

Bachelor of Arts in Visual Arts with a concentration in Art Education

Program Requirements	**Credits**
Bachelor of Arts in Visual Arts with a concentration in Art Education	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A portfolio review is required to admission to the program. **Other Major Requirements:** Grade of C or higher in all major and concentration studio art classes. Transfer students must complete at least six hours in their area of concentration at FSU. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	

Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211	
Notes	

[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Art Courses	**43**
ART 110 And ART 121 And ART 123 And ART 212 And ART 223 And ART 230 And ART 231 And ART 253 And ART 321 And ART 322 And ART 363 And ART 400 And ART 410 And choose two of the following: ART 215 Or ART 340 Or ART 361 Or ART 362 Or ART 365	
Art Education Courses	**36**
ART 380 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 480 And EDUC 490 And READ 320 And SPED 320	
Electives	**3**

Bachelor of Arts in Visual Arts with a concentration in Digital Art

Program Requirements	**Credits**
Bachelor of Arts in Visual Arts with a concentration in Digital Art	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A portfolio review is required to admission to the program. **Other Major Requirements:** Grade of C or higher in all major and concentration studio art classes. Transfer students must complete at least six hours in their area of concentration at FSU. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**

Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**

Select one from the following: ANTH 210 Or ART 150 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Art Courses	**43**
ART 110 And ART 121 And ART 123 And ART 212 And ART 223 And ART 230 And ART 231 And ART 253 And ART 321 And ART 322 And ART 363 And ART 400 And ART 410 And choose two of the following: ART 215 Or ART 340 Or ART 361 Or ART 362 Or ART 365	
Digital Art Courses	**21**
ART 226 And ART 250 And ART 330 And ART 351 And ART 352 And ART 391 And choose one of the following: ART 461 Or ART 481	
Electives	**18**

Bachelor of Arts in Visual Arts with a concentration in Studio Art

Program Requirements	Credits
Bachelor of Arts in Visual Arts with a concentration in Studio Art	
Total Credit Hours	**120**

Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A portfolio review is required to admission to the program. **Other Major Requirements:** Grade of C or higher in all major and concentration studio art classes. Transfer students must complete at least six hours in their area of concentration at FSU. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**

Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Art Courses	**43**
ART 110 And ART 121 And ART 123 And ART 212 And ART 223 And ART 230 And ART 231 And ART 253 And ART 321 And ART 322 And ART 363 And ART 400 And ART 410 And choose two of the following: ART 215 Or ART 340 Or ART 361 Or ART 362 Or ART 365	
Studio Art Courses	**21**

ART 450 And choose one of the following: ART 222 Or ART 250 Or ART 366 Or ART 430 And choose one of the following: ART 330 Or ART 331 Or ART 371 Or ART 375 And choose one of the following: ART 355 Or ART 367 Or ART 412 Or ART 431 And choose one of the following: ART 372 Or ART 413 Or ART 433 Or ART 452 And choose one of the following: ART 368 Or ART 414 Or ART 434 Or ART 453	
Electives	**18**

Minor in Dance

Minor Requirements	**Credits**
Minor in Dance	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
DANC 203 Or DANC 210 And DANC 255 And DANC 315 And THEA 238 Select two from the following restricted electives: DANC 320 Or DANC 455 Or THEA 206 Or THEA 402 Or THEA 421	

Minor in Digital Art

Minor Requirements	**Credits**
Minor in Digital Art	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
ART 110 And ART 123 And ART 250 And ART 330 And ART 351 Or ART 352 And ART 481	

Minor in Music

Minor Requirements	**Credits**
Minor in Music	
Total Credit Hours	**23**
Grade of C or higher in all minor requirements.	
MUSI 152 And MUSI 210 And MUSI 281 And six credits of MUSI electives. And four credits of Ensemble.* And four credits of applied music.* *See ensemble performance options and applied music sequences from major program.	

Minor in Theatre

Minor Requirements	Credits
Minor in Theatre	
Total Credit Hours	**19**
Grade of C or higher in all minor requirements. Any THEA courses totaling 18 hours and THEA 140 (may be taken a total of two times).	

Minor in Visual Arts

Minor Requirements	Credits
Minor in Visual Arts	
Total Credit Hours	**21**
Grade of C or higher in all minor requirements.	
ART 110 And ART 121 And ART 123 And ART 231 And ART 322 And one course selected from the following: ART 212 Or ART 230 Or ART 253 Or ART 311 Or ART 440	

Department of Psychology

The Department of Psychology offers an undergraduate degree in Psychology that has been designed to provide students with a liberal arts education that emphasizes the biological, individual, social, and cultural aspects of behavior and mental processes. A concentration in biopsychology is also offered. The bachelor's degree prepares students for graduate and professional studies, as well as careers in various employment settings. To achieve these objectives, students are required to complete the University College Core Curriculum and at least 47 credit hours of course work in Psychology. In addition to the major courses, students have the option to complete a minor or a set of free elective courses. The department also offers an on-line degree completion (ODC) program; a student must first complete all University College Core requirements in order to qualify for the ODC program. Transfer students are eligible to be in the ODC program if their transfer credits fulfill FSU's University Core requirements. Please see the Department of Psychology website for more information.

Learning Outcomes

1. Scientific Literacy Skills (Empirical and Applied): Students will demonstrate an understanding of the fundamental content, concepts, theory, empirical findings, and historical trends in psychology and identify applications of scientific principles to promote psychological well-being.
2. Inquiry Skills: Students will formulate scientific and logical questions and hypotheses, retrieve relevant academic information and data, explore evidence, and evaluate or conduct research; interpret and report the results of observation and experimentation; they will demonstrate knowledge of empirical approaches used in psychology and/or analyze and evaluate research findings in psychology.
3. Communication Skills (Written and Spoken): Students will demonstrate the ability to effectively express, produce, comprehend, and analyze spoken and written communication related to content,

terminology, empirical findings, and theory in psychology and will be able to demonstrate proficiency in APA format writing.

4. Global Literacy Skills (Diversity and Culture): Students will recognize, and respect the complex influence, global diversity, and shared humanity of culture, values and belief systems, gender, ethnicity, and resource disparities and differences.
5. Reasoning Skills: Students will expand their critical, creative thinking, and abstract reasoning skills as they demonstrate the ability to accurately construct, communicate, and evaluate logic and evidence-based assertions, draw conclusions, tolerate ambiguity, employ skepticism, and solve problems related to psychology.
6. Ethics and Civic Engagement (Ethics, Community Involvement, and Self-Discipline): Students will identify, reflect upon, and/or apply APA ethical standards; express commitment and effort to address community or social problems; promote psychological well-being; and employ self-discipline.

Bachelor of Science in Psychology

Program Requirements	**Credits**
Bachelor of Science in Psychology	
Total Credit Hours	**120**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A minimum overall GPA of 2.0 is required to declare Psychology as a major. All University College Core Curriculum courses must be fully completed before acceptance to the online degree completion program. **Other Major Requirements:** A final grade of "C" or higher must be earned in each course used to fulfill requirements for a minor, electives, or a concentration. At least 50% of the major courses (a minimum of nine Psychology courses) must be completed at Fayetteville State University (on campus, online, at Fort Bragg, or through any other FSU distance learning program). A free elective is any course offered or accepted by the university that has not already been used to fulfill other requirements. Elective selection should be based on the student's academic interests and eventual graduate school and/ or career goals. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. A minimum final grade of "C" or higher in all Psychology courses is required for graduation. A minimum overall GPA of 2.0 is required for graduation. A minimum of 120 credit hours are necessary for graduation. Even if a course requirement is waived, the credit hour requirement remains.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**

Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	

Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Psychology Courses	**29**
PSYC 210 And PSYC 233 And PSYC 320 And PSYC 331 And PSYC 352 And PSYC 360 And PSYC 370 And PSYC 400 And PSYC 422	
Major Electives	**18**
Select one from the following: PSYC 310 Or PSYC 342 Or PSYC 381 And select one from the following: PSYC 343 Or PSYC 430 And select one from the following: PSYC 420 Or PSYC 421 And nine credits of PSYC electives.	
Computer Literacy Requirement	**3**
Select one from the following: CSC 100 Or MIS 300 Or EDUC 210 Or PSYC 260	
Free Electives	**14**
Minor or Electives	**18**

Bachelor of Science in Psychology with a concentration in Biopsychology

Program Requirements	**Credits**
Bachelor of Science in Psychology with a concentration in Biopsychology	
Total Credit Hours	**120**

Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A student must have a minimum overall GPA of 2.0 to declare Psychology as a major. Students must complete all University College Core Curriculum courses before they can declare for the online degree completion program. **Other Major Requirements:** A "C" grade or higher must be maintained in the courses needed for a minor, electives, or concentration. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. A student must obtain at least a "C" grade in all Psychology courses for graduation. A minimum overall GPA of 2.0 is required to graduate from the program.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C	

HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Psychology Courses	**59**

PSYC 210 And PSYC 233 And PSYC 320 And PSYC 331 And PSYC 352 And PSYC 360 And PSYC 370 And PSYC 400 And PSYC 403 And PSYC 420 And PSYC 421 And PSYC 422 And PSYC 443 And PSYC 465 And PSYC 469 And PHIL 430	
Select one from the following three:	
PSYC 310 Or PSYC 342 Or PSYC 381 And select one from the following two: PSYC 343 Or PSYC 430 And select one from the following three: CSC 100 Or MIS 300 Or EDUC 210	
Minor or Electives	**18**
Free Electives	**5**
Other Program Requirements:	
Students must complete 50% of the major or nine psychology courses at FSU (i.e., on campus, online, evening and weekend, at Fort Bragg, or through any other FSU distance learning program).	

Minor in Psychology

Minor Requirements	**Credits**
Minor in Psychology	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
PSYC 210 And PSYC 310 And PSYC 320 And PSYC 360 And six credits of PSYC electives.	

Department of Social Work

The Department of Social Work offers the undergraduate degree in social work (Bachelor of Social Work Degree) that prepares students for beginning generalist practice as a social worker, and eligibility for admission as an advanced standing student in a Master of Social Work Program upon graduation. Besides the major, the Department also offers a minor in social work which consists of 18 credit hours. The Bachelor of Social Work Program seeks to provide the knowledge, skills, and values needed to practice beginning generalist social work with individuals, families, groups, organizations, and communities; to prepare students for practice within a rural context and military setting; to enable students to engage in practice according to the NASW Code of Ethics; to provide the framework needed for students to identify and utilize evidence based practice for intervention; to instill in students the importance of engaging in practices that alleviate oppression, poverty, social and economic injustice, and discrimination; to graduate students who will understand the impact of diversity and difference on human behavior; to prepare students for leadership in the professional community; and to graduate students who will understand the dynamics of practice in a multicultural society and global community.

Learning Outcomes

1. Students will identify as professional social workers and conduct themselves accordingly.
2. Students will apply social work ethical principles to guide professional practice.

3. Students will apply critical thinking to inform and communicate professional judgments.
4. Students will engage diversity and difference in practice.
5. Students will advance human rights and social and economic justice.
6. Students will engage in research-informed practice and practice-informed research.
7. Students will apply knowledge of human behavior and the social environment.
8. Students will engage in policy practice to advance social and economic well-being and to deliver effective social work services.
9. Students will respond to contexts that shape practice.
10. Students will engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Bachelor of Social Work

Program Requirements	**Credits**
Bachelor of Social Work	
Total Credit Hours	**120**
Core Requirements: Minimum of 39 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Other Major Requirements:** Students must receive a C or higher in all courses. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**

PHIL 110 Or PHIL 212 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or PSYC 233 Or STAT 202	
Scientific Literacy - Natural Sciences[4]	**8**
Select one biology from the following: BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or NSCI 120 And select one physical science from the following: ASTR 111 Or ASTR 112 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or PHYS 111 Or PHYS 112	
Scientific Literacy - Social Sciences	**3**
SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one foreign language course (preferably SPAN 110)	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**

Support Courses for the Major	**21**
ECON 211 Or ECON 212 And HIST 210 Or HIST 100 Or HIST 322 And HIST 211 Or HIST 212 Or HIST 110 Or HIST 120 And MATH 121 Or MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or STAT 202 And POLI 200 Or POLI 210 Or POLI 220 Or POLI 230 Or POLI 332 Or POLI 442 And PSYC 210 And one foreign language course (preferably SPAN 120 for a total of six credit hours in one foreign language)	
Social Work Courses	**51**
SWRK 230 And SWRK 310 And SWRK 320 And SWRK 330 And SWRK 335 And SWRK 340 And SWRK 350 And SWRK 360 And SWRK 365 And SWRK 370 And SWRK 375 And SWRK 410 And SWRK 435 And SWRK 445 And SWRK 465 And SWRK 475	
Social Work Major Electives	**6**
SWRK 220 Or SWRK 380 Or SWRK 415 Or SWRK 420 Or SWRK 425 Or SWRK 440 Or SWRK 470 Or SWRK 480 Or SWRK 490	
General Elective	**3**
ANTH 210 Or SOCI 150 Or SOCI 370 Or SOCI 412 Or SOCI 470 Or GEOG 270 Or GEOG 340	

Minor in Social Work

Minor Requirements	**Credits**
Minor in Social Work	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
SWRK 230 And SWRK 330 And SWRK 340 And 9 credit hours of social work electives	

Department of Sociology

The Sociology Department contributes to the intellectual, social, and career development of citizens in southeastern North Carolina and beyond. The department is committed to educating students about the realities of human social interaction and offers students sociological tools to address current issues and problems encountered in social institutions and organizational settings. In addition, there are many opportunities for students to develop strong skills in understanding social issues from a global perspective. The department serves the needs of both traditional and nontraditional students by offering undergraduate and graduate programs, including minors and graduate certificate programs that enhance students' intellectual growth and opportunities for career advancement.

The Bachelor of Arts (BA) degree program is committed to training students through distance-learning programs, face-to-face methods, and courses on military sites. Students have the option of pursuing advanced study in sociology through our Master of Arts (MA) degree program and certificate programs. The

department employs numerous strategies to enhance student engagement and students benefit from faculty members' commitment to excellence in teaching, mentoring/advising, research, and service.

The Department of Sociology offers an undergraduate degree and a minor with the objectives of engaging in further study at the graduate and professional levels and pursuing entry-level careers in business, human services, health services, education, law enforcement, government, and the private sector. To achieve its objectives, the department requires students to complete the University College Core Curriculum and forty eight (48) or more credit hours in sociology.

Students in other undergraduate majors may elect to minor in Sociology or Africana Studies in order to broaden their academic background and/or achieve their career goals. The Department of Sociology offers courses that will satisfy the Scientific Literacy in Social Sciences (SOCI 210) and Global Literacy (ANTH 210 and SOCI 150) requirements of the University College Core Curriculum.

Program Goals and Outcomes

The BA in Sociology program enables students to acquire knowledge of sociological concepts and theories that assist them with the evaluation of social issues. Additionally, students master skills that foster competency in social research methods and statistical procedures.

Learning Outcomes

Graduates are expected to demonstrate the following learning outcomes or competencies:

1. Students will demonstrate a comprehensive understanding of the main subfields of sociology through proficient performance in statistics, research methods, theory, demography, deviant behavior, social institutions, social inequality/ social processes, and anthropology.
2. Students will demonstrate knowledge of theories and their application to various social issues.
3. Students will implement important components (statement of the problem, literature review, methods, references, citations) of the research process by designing a research project proposal.
4. Students will be able to apply social statistical strategies to social issues.

Bachelor of Arts in Sociology

Program Requirements	**Credits**
Bachelor of Arts in Sociology	
Total Credit Hours	**120**
Core Requirements: Minimum of 38 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** A minimum cumulative GPA of 2.0 in attempted coursework at Fayetteville State University is required for acceptance into the undergraduate degree program in Sociology. This restriction does not apply to transfer students. Students who wish to be admitted to the Online Degree Completion (ODC) Program must meet the following requirements: complete SOCI 210 or its equivalent and complete all the coursework	

in the University College Core Curriculum. These restrictions do not apply to students in a dual-enrollment arrangement with the Community College System. **Other Major Requirements:** The following core courses must be taken within the department: SOCI 335 And SOCI 350 And SOCI 480. Sociology majors must complete a Major Field Test (MFT) exam in the senior year. Grade of C or higher is required in all major courses. Additionally, a grade of C or higher is required for all courses that are needed for the minor and electives. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester. A cumulative GPA of 2.0 or higher is required to graduate from the BA program in Sociology.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
Select one from the following: BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**

Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Sociology Courses	**18**
SOCI 210 And SOCI 331 And SOCI 335 And SOCI 350 And SOCI 430 And SOCI 480	
Restricted Electives	**15**
Select one from the following: SOCI 340 Or SOCI 360 And select one from the following: SOCI 351 Or SOCI 390 And select one from the	

following: SOCI 330 Or SOCI 362 Or SOCI 370 Or SOCI 372 Or SOCI 375 Or SOCI 380 And select two from the following: SOCI 400 Or SOCI 410 Or SOCI 412 Or SOCI 422 Or SOCI 440 Or SOCI 442 Or SOCI 462 Or SOCI 470	
Unrestricted Electives in Sociology or Anthropology	**15**
Any courses in Sociology or Anthropology	
Minor Electives	**18**
Minor or free electives.	
Free Electives	**16**

Minor in Africana Studies

Minor Requirements	**Credits**
Minor in Africana Studies	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
HIST 210 And HIST 270 And SOCI 370 Select one from the following Behavioral and Social Studies courses: BADM 352 Or HIPO 300 Or POLI 350 Or SOCI 412 And select one of the following Humanities courses: ENGL 220 Or ENGL 223 Or HIST 370 Or HIST 375 Or PHIL 212 And select one of the following Arts courses: ART 362 Or DANC 320 Or MUSI 225 Or MUSI 260 Or THEA 420	

Minor in Sociology

Minor Requirements	**Credits**
Minor in Sociology	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
SOCI 210 And SOCI 350 And twelve credits of SOCI electives.	

School of Business and Economics

The School of Business and Economics is dedicated to providing quality business education to a diverse student population. The School prepares students to meet the challenges of a changing environment and to compete in a global market. This is accomplished by supplementing the University's strong teaching emphasis with research and a curriculum that reflects the changing market conditions. The School also assists in regional economic transformation by promoting entrepreneurial and economic education.

The School of Business and Economics is authorized to offer Bachelor of Science degrees in six undergraduate programs.

Learning Outcomes

SBE-wide learning goals are intended to enhance student learning in the following areas: communication, ethical reasoning, analytical skills, information technology, global outlook, critical thinking, and understanding of legal systems.

SBE-wide Goals:

1. Students will be able to communicate effectively.
2. Students will be able to use appropriate IT tools for a given business situation.
3. Students will be able to think critically.

Prior to taking advanced courses toward a Bachelor of Science degree in a business discipline:

1. A student must have completed a minimum of 30 credit hours with a minimum grade point average required by the program.
2. A declaration of major form must be completed, submitted, and approved.
3. A student must have completed the following courses with no grade lower than a C: ACCT 211, ECON 211 or ECON 212, BADM 214, BADM 215, BADM 216.

If you do not meet the requirements to be admitted into the School of Business and Economics, you may declare a Pre-Business major in any of the following degree programs:

- Pre-Accounting
- Pre-Business Administration with a Concentration in:
    - General Business
    - Health Care Management
    - Entrepreneurship
    - Management
    - Marketing
    - Management Information Systems
- Pre-Banking and Finance
- Pre-Management Information Systems

Department of Accounting, Finance, Healthcare Administration, and Information Systems

Degrees:

- Bachelor of Science in Accounting
- Bachelor of Science in Banking and Finance
- Bachelor of Science in Business Administration with a concentration in Healthcare Management
- Bachelor of Science in Business Administration with a concentration in Management Information Systems
- Bachelor of Science in Healthcare Administration
- Bachelor of Science in Management Information Systems

Certificate Programs

- Certificate Program in Accounting

Minors

- Minor in Accounting for Business Majors
- Minor in Accounting for Non-Business Majors
- Minor in Finance
- Minor in Healthcare Information Technology
- Minor in Healthcare Information Technology for Healthcare Administration Majors
- Minor in Healthcare Management for All Majors
- Minor in Legal Studies in Business for Non-Business Majors
- Minor in Management Information Systems for Business Majors
- Minor in Management Information Systems for Non-Business Majors

Department of Management, Marketing, and Entrepreneurship

Degrees:

- Bachelor of Science in Business Administration with a concentration in Entrepreneurship
- Bachelor of Science in Business Administration with a concentration in General Business
- Bachelor of Science in Business Administration with a concentration in Management
- Bachelor of Science in Business Administration with a concentration in Marketing
- Bachelor of Science in Business Administration with a concentration in Retail and Service Management

Minors

- Minor in Economics for Business Majors
- Minor in Economics for Non-Business Majors
- Minor in Entrepreneurship for Non-Business Majors
- Minor in General Business Administration for Non-Business Majors
- Minor in Management for Non-Business Majors
- Minor in Marketing for Non-Business Majors

Department of Accounting, Finance, Healthcare Administration, and Information Systems

The Department offers four different baccalaureate programs: (1) Bachelor of Science in Accounting, (2) Bachelor of Science in Banking and Finance, (3) Bachelor of Science in Healthcare Administration, and (4) Bachelor of Science in Management Information Systems. In addition, we offer degrees in Business Administration with concentrations in Management Information Systems and Healthcare Administration. We also offer various minors for business and non-business majors. Our goal is to provide students with a well-rounded experience that includes solid academic preparation, exposure to professionals in each field of endeavor, quality internship programs and access to regional and national job fairs.

Bachelor of Science in Accounting
The Bachelor of Science degree program in Accounting is designed to offer professional education to qualified students who seek careers in the field of accounting. The program emphasizes the learning of the concepts and practices of accounting along with the development of analytical skills in areas of data processing, management, mathematics, and statistics.

Bachelor of Science in Banking and Finance
The Bachelor of Science in Banking and Finance is designed to provide students with the practical and analytical skills required to pursue successful careers in both the private and public sectors. Graduates will have a sound understanding of financial concepts, financial instruments, financial institutions, and the techniques that are employed in the finance profession.

Bachelor of Science in Healthcare Administration
The Bachelor of Science in Healthcare Administration is designed to provide students with a quality education that will prepare them for employment in the health care profession or for further study leading to advanced degrees.

Bachelor of Science in Management Information Systems
The Bachelor of Science in Management Information Systems is designed to prepare students with skills to evaluate, design, implement, manage, and utilize systems to generate information to improve efficiency and effectiveness of decision making

The School of Business and Economics is accredited by the Association to Advance Collegiate Schools of Business (AACSB) which is one of the most prestigious and rigorous accrediting programs. Currently, less than one-third of the US business schools and only 15 percent of the international business schools have earned AACSB accreditation.

Learning Outcomes
Accounting Learning Outcomes

1. Using clear and concise communication to convey relevant financial and non-financial information so that decision makers can formulate informed decisions
2. Utilizing technology (such as computers, accounting software, information databases) to facilitate and enhance accounting and financial reporting processes
3. Identifying the appropriate managerial and business issues critical to analyzing accounting data and other information used for identifying and assessing opportunities and risks, developing organizational plans, allocating resources, and accomplishing objectives
4. Employing national, international, and historical perspectives to analyze accounting and business issues
5. Identifying ethical issues associated with accounting and business situations and apply appropriate principles of ethics and civic responsibility
6. Using analytical and research tools to monitor evolving accounting standards and practices and to maintain professional skills in a changing business environment

Banking and Finance Learning Outcomes

1. Applying appropriate problem-solving methodologies to the analysis and solution of financial problems
2. Explaining the role of financial management in the business firm and in the public sector
3. Explaining the functioning of financial markets and the roles of financial institutions
4. Communicating effectively using oral, written, and multimedia techniques
5. Evaluating ethical issues and dilemmas related to banking and finance.

Business Administration Degree Program

1. Students will be able to comprehend issues in ethical decision making and social responsibility.
2. Students will be able to analyze financial data to support business decisions and assessment of business strategies.
3. Students will demonstrate interpersonal, team and leadership skills necessary to function in multicultural business settings.
4. Students will be able to apply knowledge of business concepts, quantitative analysis tools and problem-solving methodologies.
5. Students will demonstrate an understanding of how global trends and competition affect businesses and their strategies.

Healthcare Administration Degree Program

1. Students will demonstrate the ability to communicate clearly and concisely with internal and external customers, establish and maintain relationships, and facilitate constructive interactions with individuals and groups
2. Students will demonstrate an understanding of how to inspire individual and organizational excellence, create a shared vision and successfully manage change to attain the organization's strategic ends and successful performance.
3. Students will be able to comprehend the alignment of personal and organizational conduct with ethical and professional standards within healthcare, including a responsibility to the patient and community, a service orientation, and a commitment to lifelong learning and improvement.
4. Students will demonstrate knowledge of the healthcare environment, including healthcare systems and the environment in which healthcare managers and providers function.
5. Students will be able to apply business principles, including systems thinking, to the healthcare environment.

Management Information Systems Degree Program

1. Students will be able to plan, analyze, design, and implement information systems projects.
2. Students will be able to analyze business decisions by applying analytics and decision-making models.
3. Student will be able to plan, design, develop applications, and maintain relational database management systems.
4. Students will be able to identify ethical issues embedded in decisions and be able to apply appropriate ethical principles.

Other Program Requirements for Bachelor of Science in Accounting

1. Accounting majors must have least a GPA of 2.5 in accounting courses for graduation.
2. Advanced Managerial Accounting, ACCT 310, is not open to Accounting majors.

3. For enrollment in 300- and 400-level Accounting courses, students must have a GPA of 3.0 or better in ACCT 211 and ACCT 212.

Other Program Requirements for Business Administration Students

1. Business Administration majors must earn a grade of at least "C" in all their 300 and 400 level business courses for graduation.
2. Students in minor programs must earn a grade of C or higher in ACCT 211 and ECON 211 (or ECON 212).
3. Students in minor programs must maintain an overall minor GPA of 2.0 or better.

Bachelor of Science in Accounting

Program Requirements	**Credits**
Bachelor of Science in Accounting	
Total Credit Hours	**121**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics. **Other Major Requirements:** Minimum GPA of 2.5 required in accounting courses. ACCT 310 is not open to Accounting majors. GPA of 3.0 in ACCT 211 and ACCT 212 required for enrollment in 300- and 400-level accounting courses. BADM 450 and COOP courses are not available as accounting electives. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215	

Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab.	

[4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Major Courses	**58**
ACCT 211 And ACCT 212 And ACCT 300 And ACCT 311 And ACCT 312 And A CCT 320 And ACCT 321 And ACCT 422 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And BADM 412 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MKTG 311 And one from the following: MIS 411 Or MIS 412	
Major Electives	**9**
Choose three courses from the following: ACCT 322 Or ACCT 411 Or ACCT 412 Or ACCT 420 Or ACCT 424 Or ACCT 425 Or ACCT 430 Or ACCT 450	
Free Electives	**15**

Bachelor of Science in Banking and Finance

Program Requirements	**Credits**
Bachelor of Science in Banking and Finance	
Total Credit Hours	**120**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107	

Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	

Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
Required Business Courses	**58**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 215 And BADM 216 And ECON 211 And FINC 311 And FINC 320 And FINC 410 And MIS 300 And MGMT 311 And MGMT 335 And MGMT 470 a nd MKTG 311 And one of the following: FINC 323 Or ECON 322 And three courses from FINC 300-499 or ECON 300-499 or ACCT 300-499 or MIS 300-499 And one of the following: MIS 411 Or MIS 412	
Banking and Finance Electives	**6**
Select two from FINC 400-499 (ACCT 424 may be used to satisfy one of the FINC 400-499 requirements)	
Free Electives	**17**

Bachelor of Science in Business Administration with a concentration in Healthcare Management

Program Requirements	**Credits**
Bachelor of Science in Business Administration with a concentration in Healthcare Management	
Total Credit Hours	**121**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission Requirements" for School of Business and Economics.	

Graduation Requirements: All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**

Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Required Business Courses	**37**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311	
Healthcare Management Courses	**18**
HCM 310 And HCM 330 And HCM 350 And HCM 420 And HCM 450 Or HCM 460 And HCM 490	
Business Electives (at 300-499 level)	**15**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 300-499 Or MKTG 300-499	
Free Electives	**12**

Bachelor of Science in Business Administration with a concentration in Management Information Systems

Program Requirements	Credits
Bachelor of Science in Business Administration with a concentration in Management Information Systems	
Total Credit Hours	**121**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**

Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Required Business Courses	**37**

ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311	
Management Information Systems Courses	**15**
MIS 320 And MIS 321 And MIS 330 And select 2 (or 6 credit hours) from MIS 300-449	
Business Electives (at 300-499 level)	**15**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 300-499 Or MKTG 300-499	
Free Electives	**15**

Bachelor of Science in Healthcare Administration

Program Requirements	**Credits**
Bachelor of Science in Healthcare Administration	
Total Credit Hours	**121**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission Requirements" on the department catalog page. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215	
Information Literacy	**3**

ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab.	

[4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Required Business Courses	**31**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And MGMT 311 And MKTG 311 And MIS 300 And FINC 311	
Healthcare Management Courses	**27**
HCM 310 And HCM 330 And HCM 350 And HCM 410 (or MGMT 410) And HCM 420 And HCM 430 And HCM 460 And HCM 470 Or MGMT 470 And HCM 490	
Other Program Requirements	**3**
HIT 360	
HCM or HIT Electives	**9**
HCM or HIT electives (300-499 level)	
Free Electives	**12**

Bachelor of Science in Management Information Systems

Program Requirements	**Credits**
Bachelor of Science in Management Information Systems	
Total Credit Hours	**121**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107	

Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	

Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Required Business Courses	**37**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311	
Management Information Systems Courses	**24**
MIS 212 And MIS 320 And MIS 321 And MIS 330 And MIS 331 And select three (9 credit hours) from MIS 300-499	
Other Program Requirements	**6**
Select two (6 credit hours) from ACCT Or BADM Or ENTR Or FINC Or HCM Or MGMT Or MIS Or MKTG at the 300-400 level	
Free Electives	**15**

Certificate Program in Accounting

Certificate Requirements	Credits
Total Credit Hours	**30**
Grade of C or higher in all courses. The thirty credits must be approved ACCT and BADM courses.	

Minor in Accounting for Business Majors

Minor Requirements	Credits
Minor in Accounting for Business Majors	
Total Credit Hours	**12**

Grade of B or higher in ACCT 211 and ACCT 212 plus an overall GPA of 2.5 or higher. Students must have a GPA of 2.5 or higher in Accounting courses to receive the Accounting minor.	
ACCT 311 And ACCT 312 And two of the following: ACCT 320 Or ACCT 321 Or ACCT 411 Or ACCT 412 Or ACCT 422 Or BADM 412	

Minor in Accounting for Non-Business Majors

Minor Requirements	**Credits**
Minor in Accounting for Non-Business Majors	
Total Credit Hours	**18**
Grade of C or higher in ACCT 211 and ECON 212 plus an overall minor GPA of 2.5 or higher.	
ACCT 211 And ECON 212 And ACCT 311 And ACCT 312 And two 300-400 level ACCT courses.	

Minor in Finance

Minor Requirements	**Credits**
Minor in Finance	
Total Credit Hours	**18**
Grade of C or higher in ACCT 211 and ECON 211 and ECON 212 plus an overall minor GPA of 2.0 or higher.	
ACCT 211 And ECON 211 And ECON 212 And FINC 311 And FINC 320 And one 300-400 level FINC course.	

Minor in Healthcare Information Technology

Minor Requirements	**Credits**
Minor in Healthcare Information Technology	
Total Credit Hours	**15**
SBE majors are expected to complete 9-15 additional hours of course work beyond major requirements. HCM minor courses may not be used to fulfill business electives for major requirements.	
HIT 360 And HIT 370 And HIT 380 And HIT 460 And one HCM, MIS, or HIT elective (must be selected in consultation with advisor)	

Minor in Healthcare Information Technology for Healthcare Administration Majors

Minor Requirements	Credits
Minor in Healthcare Information Technology for Healthcare Administration Majors	
Total Credit Hours	**15**
SBE majors are expected to complete 9-15 additional hours of course work beyond major requirements. HCM minor courses may not be used to fulfill business electives for major requirements.	
MIS 320 And HIT 370 And HIT 380 And HIT 460 And one HCM, MIS, or HIT elective (must be selected in consultation with advisor)	

Minor in Healthcare Management for All Majors

Minor Requirements	Credits
Minor in Healthcare Management for All Majors	
Total Credit Hours	**15**
SBE majors are expected to complete 9-15 additional hours of course work beyond major requirements. HCM minor courses may not be used to fulfill business electives for major requirements.	
HCM 310 And HCM 330 And HCM 420 And two HCM electives (must be selected in consultation with advisor) Or one HCM elective And FINC 336	

Minor in Legal Studies in Business for Non-Business Majors

Minor Requirements	Credits
Minor in Legal Studies in Business for Non-Business Majors	
Total Credit Hours	**18**
Grade of C or higher in ACCT 211 and ECON 211 or ECON 212 plus an overall minor GPA of 2.0 or higher.	
ACCT 211 And BADM 209 And BADM 412 And two sections of BADM 490 (special topics) And ECON 211 Or ECON 212	

Minor in Management Information Systems for Business Majors

Minor Requirements	Credits
Minor in Management Information Systems for Business Majors	
Total Credit Hours	**15**
Grade of C or higher in all courses.	

MIS 300 And MIS 320 And MIS 330 And two MIS electives (300 level or above)	

Minor in Management Information Systems for Non-Business Majors

Minor Requirements	**Credits**
Minor in Management Information Systems for Non-Business Majors	
Total Credit Hours	**18**
Grade of C or higher in all courses.	
BADM 214 Or MIS 211 Or CSC 100 And MIS 300 And MIS 320 And MIS 330 And two MIS electives (300 level or above)	

Department of Management, Marketing, and Entrepreneurship

The Department of Management, Marketing, and Entrepreneurship offers a single undergraduate degree, the Bachelor of Business Administration, which is available in five concentrations: general business, management, marketing, entrepreneurship, and retail and service management. Students in business administration are able (and encouraged) to take more than one concentration, such as management and marketing, management and entrepreneurship, or marketing and entrepreneurship. Degree plans are available upon request.

The objectives of the department are to: 1) guide students in the mastery of the techniques, specialized skills, and managerial procedures that will enable them to function effectively as managers, marketers or entrepreneurs; 2) provide the educational background necessary for those who wish to pursue graduate studies in business-related areas; 3) increase student awareness of social, cross-cultural, economic, and political issues affecting different areas of decision-making; 4) strengthen written and oral communication capabilities; 5) stimulate research activity among students through class assignments that develop analytical skills, and the knowledge required to use state-of-the-art information technology tools; and; 6) develop in students the awareness of the responsibilities for good citizenship, which will result in active and concerned participation in community projects and programs.

The Department of Management, Marketing, and Entrepreneurship also offers minor degrees in General Business Administration, Management, Marketing and Entrepreneurship for non-business majors, and a minor degree in Economics for all majors. The minor degree programs require 15-18 credit hours of selected business courses.

Learning Outcomes

Business Administration Degree Program

1. Students will be able to comprehend issues in ethical decision making and social responsibility.
2. Students will be able to analyze financial data to support business decisions and assessment of business strategies.
3. Students will demonstrate interpersonal, team and leadership skills necessary to function in multicultural business settings.
4. Students will be able to apply knowledge of business concepts, quantitative analysis tools and problem-solving methodologies.
5. Students will demonstrate an understanding of how global trends and competition affect businesses and their strategies.

Other Program Requirements for Business Administration Students

1. Business Administration majors must earn a grade of at least "C" in all their 300 and 400 level business courses for graduation.
2. Students in minor programs must earn a grade of C or higher in ACCT 211 and ECON 211 (or ECON 212).
3. Students in minor programs must maintain an overall minor GPA of 2.0 or better.

Bachelor of Science in Business Administration with a concentration in Entrepreneurship

Program Requirements	Credits
Bachelor of Science in Business Administration with a concentration in Entrepreneurship	
Total Credit Hours	**123**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	

Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**84**

Required Business Courses	**40**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311 And ECON elective (300-499 level)	
Entrepreneurship Courses	**18**
ENTR 300 And ENTR 301 Or ECON 301 And ENTR 303 Or ECON 303 And ENTR 312 Or MKTG 312 And ENTR 315 Or FINC 315 And one of the following: MGMT 350 Or MGMT 450 Or MGMT 460 Or ENTR 460 Or ECON 460	
Other Program Requirements	**3**
ENGL 344	
Business Electives (at 300-499 level)	**6**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 301-499 Or MKTG 300-499	
Free Electives	**14**

Bachelor of Science in Business Administration with a concentration in Marketing

Program Requirements	**Credits**
Bachelor of Science in Business Administration with a concentration in Marketing	
Total Credit Hours	**123**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107	

Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	

Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**84**
Required Business Courses	**40**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311 And ECON elective (300-499 level)	
Marketing Requirements	**18**
MKTG 331 And MKTG 325 And any four MKTG 300-499 electives	
Other Program Requirements	**3**
ENGL 344	
Business Electives (at 300-499 level)	**6**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 301-499 Or MKTG 300-499	
Free Electives	**14**

Bachelor of Science in Business Administration with a concentration in General Business

Program Requirements	Credits
Bachelor of Science in Business Administration with a concentration in General Business	
Total Credit Hours	**120**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics.	

Graduation Requirements: All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**

Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 O r ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**81**
Required Business Courses	**40**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311 And ECON elective (300-499 level)	
General Business Courses	**18**
Select six courses from the following: ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MIS 301-499 Or MGMT 300-499 Or MKTG 300-499	
Other Program Requirements	**3**
ENGL 344	
Business Electives (at 300-499 level)	**6**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 300-499 Or MKTG 300-499	
Free Electives	**14**

Bachelor of Science in Business Administration with a concentration in Management

Program Requirements	Credits
Bachelor of Science in Business Administration with a concentration in Management	
Total Credit Hours	**121**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	

Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**82**
Required Business Courses	**40**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311 And ECON elective (300-499 level)	
Management Courses	**18**
MGMT 325 And MGMT 410 And MGMT 420 And MGMT 421 And MGMT 425 And MGMT 450	

Other Program Requirements	**3**
ENGL 344	
Business Electives (at 300-499 level)	**12**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 301-499 Or MKTG 300-499	
Free Electives	**9**

Bachelor of Science in Business Administration with a concentration in Retail and Service Management

Program Requirements	Credits
Bachelor of Science in Business Administration with a concentration in Retail and Service Management	
Total Credit Hours	**123**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See "Admission and Graduation Requirements" for School of Business and Economics. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: FINC 100 Or GEOG 110 Or HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PE DU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
BADM 215 Or SPEE 200	
Information Literacy	**3**
ENGL 120	

Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**4**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122	
Scientific Literacy - Social Sciences	**3**
ECON 212	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
Select three credits from the following: BADM 220 Or CRJC 203 Or EDUC 211 Or ENGL 232 Or ETCE 101 Or ETCE 102 Or ETCE 103 Or ETCE 200 Or GEOG 270 Or HCM 200 Or PHIL 120 Or PHIL 212 Or PNUR 210 Or POLI 150 Or SWRK 220	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5]	

Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**84**
Required Business Courses	**40**
ACCT 211 And ACCT 212 And BADM 209 And BADM 214 Or MIS 211 And BADM 216 And ECON 211 And FINC 311 And MGMT 311 And MGMT 335 And MGMT 470 And MIS 300 And MKTG 311 And ECON elective (300-499 level)	
Retail & Service Management Requirements	**18**
MGMT 410, MGMT 420, MGMT 440, MKTG 330, MKTG 331 And BADM 430 or BADM 490	
Other Program Requirements	**3**
ENGL 344	
Business Electives (at 300-499 level)	**6**
ACCT 300-499 Or BADM 300-499 Or ECON 300-499 Or ENTR 300-499 Or FINC 300-499 Or HCM 300-499 Or MGMT 300-499 Or MIS 301-499 Or MKTG 300-499	
Free Electives	**14**

Minor in Economics for Business Majors

Minor Requirements	**Credits**
Minor in Economics for Business Majors	
Total Credit Hours	**15**
Grade of C or higher in all minor requirements.	
ECON 211 And ECON 212 And ECON 322 And six credits of ECON electives, excluding ECON 200.	

Minor in Economics for Non-Business Majors

Minor Requirements	**Credits**
Minor in Economics for Non-Business Majors	
Total Credit Hours	**18**
Grade of C or higher in all minor requirements.	
ECON 211 And ECON 212 And ECON 322 And nine credits of ECON electives, excluding ECON 200.	

Minor in Entrepreneurship for Non-Business Majors

Minor Requirements	Credits
Minor in Entrepreneurship for Non-Business Majors	
Total Credit Hours	**18**
Grade of C or higher in ACCT 211 and ECON 212 plus an overall minor GPA of 2.0 or higher.	
ACCT 211 And ECON 212 And ECON 301 Or ENTR 301 And FINC 315 Or ENTR 315 And two 300-400 level courses from: ACCT, BADM, ECON, ENTR, FINC, HCM, MIS, MKTG, MGMT	

Minor in General Business Administration for Non-Business Majors

Minor Requirements	Credits
Minor in General Business Administration for Non-Business Majors	
Total Credit Hours	**18**
ACCT 211 And ECON 211 Or ECON 212 And FINC 311 And MGMT 311 And MKTG 311 And one 300-400 level course in BADM, ENTR, MGMT or MKTG	

Minor in Management for Non-Business Majors

Minor Requirements	Credits
Minor in Management for Non-Business Majors	
Total Credit Hours	**18**
ACCT 211 And ECON 211 Or ECON 212 And MGMT 311 And MGMT 410 And MGMT 420 And MGMT 425	

Minor in Marketing for Non-Business Majors

Minor Requirements	Credits
Minor in Marketing for Non-Business Majors	
Total Credit Hours	**18**
Grade of C or higher in ACCT 211 and ECON 211 and ECON 212 plus an overall minor GPA of 2.0 or higher.	
ACCT 211 And ECON 211 Or ECON 212 And MKTG 311 And three 300-400 level courses in MKTG.	

School of Education

In support of the mission of Fayetteville State University, the School of Education is committed to educating and preparing individuals at the undergraduate and graduate levels for professions in the fields of education, research, and service. The School of Education seeks to prepare the education professional as a facilitator of learning through the development of cognitive, psychomotor, and affective learning patterns. The school is further committed to providing leadership in teacher education throughout the region, state, and nation.

Three academic departments assist in executing the mission of the School of Education: Elementary Education; Middle Grades, Secondary and Specialized Subjects; and Educational Leadership. The School of Education also includes the following support units: the Curriculum Learning Resource Center, the Office of Teacher Education, the Office of Testing, the Office of School Services, The Research Center, The Academic Advisement and Retention Center, and the Early Childhood Learning Center.

Admission Requirements for Teacher Education Majors

University College Core Curriculum

The successful completion of the University College Core Curriculum requirements is the initial step in the teacher education admission process. A demonstrated proficiency in reading and mathematics and a GPA of 2.5 or higher are also required.

Transfer students must meet the same standards as first-time freshmen in completing the University College Core Curriculum requirements.

Declaration of Major and Pre-Major Requirements for the School of Education

A student who enters the university as a full-time, first-time freshman is required to declare a major in the second semester of his/her freshman year if s/he meets the admission requirements detailed below. Transfer students must declare a major in their first semester of enrollment. Once a student has been accepted into a degree program, s/he will be assigned an advisor in the major.

A student wishing to declare a major in any teacher education program must demonstrate the following:

- Completion of EDUC 210 with at a grade of C (if applicable to program)
- Minimum of 30 credit hours earned with a minimum grade point average of 2.5
- Completion of Voluntary Disclosure Form

If a student does not meet the requirements to declare a major in a teacher education program housed in the School of Education, s/he may apply for a pre-education major status at the end of the freshman year. The pre-major status provides an opportunity for the education faculty and the pre-education student to work towards achieving the requirements to declare the major (and ultimately be admitted to teacher education) and allows the student to determine whether or not a degree in teacher education is an appropriate fit for his/her career goals. **Admission as a pre-major does not guarantee admission to the major.**

A student declaring a pre-education major must meet the following requirements:

- Completion of EDUC 210 with at least a grade of C

- Minimum of 30 credit hours and a maximum of 45 hours earned with a minimum grade point average of 2.3.

Once a student has been accepted as a pre-education major, a pre-education major advisor will be assigned. The pre-education major advisor will work with the student to verify satisfactory progress towards the declaration of major. The pre-major student and the pre-education major advisor must participate in at least two advisement meetings each semester. The pre-education major must declare a major as soon as s/he is eligible. A student will be in a pre-education major status for two consecutive semesters. The student must then declare a major if eligible or request an additional semester in the pre-education major status, or change his/her major.

Moving from a pre-education major status to major status requires completion of the online Declaration of Major form to request admission to the teacher education program. **Admission as a pre-major and major do not guarantee admission to teacher education.**

Academic Progress within the Major

An education major who fails to maintain a cumulative GPA of at least 2.5 will be placed on Academic Probation and will be permitted to enroll in a maximum of 14 credits for the subsequent semester. Students on probation will be required to complete an Academic Success Plan with their advisors.

If an education major's GPA is below 2.5 for two consecutive semesters, the student will be placed on academic suspension and will not be permitted to enroll in any education courses without successfully appealing academic suspension through the academic department to the Teacher Education Admission Appeals Committee (TEAAC). **If appeal is denied, the student will be advised into a non-education major.** Academic Suspension does not apply to summer sessions. Students placed on academic suspension after spring semester may enroll in summer courses and are **encouraged to do so**.

Admission to the Teacher Education Program

Admission to teacher education is a procedural step for students in teacher education programs. After successfully completing the requirements listed below, students are eligible to apply for admission to the Teacher Education Program. An "Application for Admission to the Teacher Education Program" form must be filed with the department head by the second semester of the sophomore year. The criteria for admission are as follows:

1. Completion of the University College Core Curriculum and EDUC 211.
2. A GPA of 2.5 or higher.
3. Acceptable scores on the Reading, Writing, and Mathematics Tests of the PRAXIS I Series. All PRAXIS scores must be current with state mandated score requirements for admission and licensure purposes.
4. Verification by the university physician of the applicant's health status and level of physical fitness.
5. Verification by the Director of Residence Life of the applicant's acceptable deportment.
6. Personal fitness and the interest suitable to the profession of teaching, verified by the Center for Personal Development.
7. Security background check
8. Acceptable scores on the Admission to Teacher Education Interview
9. Students must earn a grade of C or higher in all education courses, including student teaching.

10. Final acceptance for admission to the Teacher Education Program by the Teacher Education Committee, based upon documented recommendations from the major area concerned.

Note: Formal admission to Teacher Education is required prior to enrollment in methods courses and student teaching. See each individual program for course listing.

Retention in Teacher Education

Following admission to teacher education, students are required to maintain a GPA of 2.5 or higher and acceptable standards on all other admission criteria. Students must earn a grade of C or higher in all education courses. Students failing to maintain acceptable standards will be automatically suspended from the Teacher Education Program and counseled toward alternative career options.

Admission to Student Teaching

An Application for Student Teaching form must be filed the semester prior to the semester in which the student plans to student teach. To be eligible for the Student Teaching Internship, the student must have:

1. been admitted formally to teacher education and have senior classification.
2. completed to the satisfaction of the major area the teaching specialty component requirements that will lead to licensure by the Department of Public Instruction.
3. achieved a cumulative GPA of 2.5 or higher and a grade of C or higher in all professional education courses.
4. earned acceptable scores on the Admission to Teaching Interview
5. been recommended to the Teacher Education Committee by the department chair of the area in which licensure is sought. The Teacher Education Committee must give approval for the student teaching internship. In addition to the admission requirements stated above, prospective student teachers must complete all methods courses before being admitted to student teaching.
6. earned a grade of C or higher in student teaching for full licensure as a teacher;
7. an audit submitted verifying that no courses remain to be taken toward the degree.
8. enrolled in only the student teaching block courses during the student teaching semester.

Note: Students who have been approved for admission to student teaching, but who have not maintained the standards for the internship, will be subject to review by the Teacher Education Committee before they are allowed to re-enter the program. (See Student Teaching Handbook).

Teacher Licensure

Students successfully completing all requirements for graduation and passing the Specialty Area Test of the PRAXIS II Series are eligible to be recommended for North Carolina licensure. To apply for licensure, students should adhere to the following procedures:

1. File for graduation in the Registrar's Office (B.S. and M.Ed. candidates only).
2. File placement folder with the Career Services Office, if applicable.
3. Request an official transcript after grades are posted.
4. Contact the Office of Teacher Education at (910) 672-1587 or 1266.

Requirements for Students Seeking Licensure Only

Alternative Routes for Teacher Education Licensure Only
Applicants possessing earned baccalaureate and/or master's degrees and seeking licensure in a teaching area must proceed through the alternative route process. The process is described below:

1. Students must be admitted to the university through the regular admission process.
2. Licensure-only applicants will be admitted as undergraduate students. (See Graduate Catalog for pursuing licensure and graduate degree.)
3. After notification of acceptance by the Office of Admissions, students must officially contact the chair of the department through which licensure is sought. Together, assigned advisors and students will develop a program of courses needed for licensure. The program agreed upon must be reviewed and approved by the department in which licensure is being sought. All courses specified on the program of study must be completed at Fayetteville State University if the license is to be applied for through Fayetteville State University.
4. Upon completion of program requirements for entrance to teacher education (EDUC 211 or SPED 480 and a cumulative GPA of 2.5), students must apply for admission to teacher education. (Note: Licensure-only students are eligible for financial aid
only after official admission to teacher education.)
5. Upon completion of all required coursework at Fayetteville State University and maintenance of a 2.5 cumulative GPA, students must apply for admission to student teaching.
6. Upon successful completion of all program requirements and Specialty Area Tests of the PRAXIS II Series, students can apply for teacher licensure in the Office of Teacher Education.

Lateral Entry Requirements

To be eligible for lateral entry, an individual must be employed by a North Carolina school system as a classroom teacher and hold a bachelor's degree from a regionally accredited institution of higher education. Individuals licensed via lateral entry are required to have their credentials evaluated by the Office of Teacher Education. Students must obtain satisfactory scores on required PRAXIS Specialty Area Tests and have a minimum GPA of 2.5 to be recommended for teacher licensure.

Department of Elementary Education

Degrees:

- Bachelor of Science in Birth through Kindergarten (Non-Teaching)
- Bachelor of Science in Birth through Kindergarten (Teaching)
- Bachelor of Science in Elementary Education with a concentration in Biology
- Bachelor of Science in Elementary Education with a concentration in Core Academic Studies
- Bachelor of Science in Elementary Education with a concentration in English
- Bachelor of Science in Elementary Education with a concentration in Health
- Bachelor of Science in Elementary Education with a concentration in History
- Bachelor of Science in Elementary Education with a concentration in Mathematics
- Bachelor of Science in Elementary Education with a concentration in Political Science
- Bachelor of Science in Elementary Education with a concentration in Psychology
- Bachelor of Science in Elementary Education with a concentration in Reading
- Bachelor of Science in Elementary Education with a concentration in Sociology
- Bachelor of Science in Elementary Education with a concentration in Spanish
- Bachelor of Science in Elementary Education with a concentration in Special Education

- Bachelor of Science in Elementary Education with a concentration in Teaching English as a Second Language

Department of Middle Grades, Secondary, and Specialized Subjects

Degrees:

- Bachelor of Science in Health and Physical Education
- Bachelor of Science in Middle Grades Education with a concentration in Language Arts
- Bachelor of Science in Middle Grades Education with a concentration in Mathematics
- Bachelor of Science in Middle Grades Education with a concentration in Science
- Bachelor of Science in Middle Grades with a concentration in Social Studies

Minors

- Minor in Health

Department of Elementary Education

The primary mission of the Department of Elementary Education at Fayetteville State University is to offer programs leading to the Bachelor of Science degree and initial licensure in Elementary Education; the Bachelor of Science degree and initial licensure in Birth through Kindergarten; the Master of Education degree and graduate licensure in Elementary Education; the Master of Education in Reading and graduate licensure in Reading and licensure only at the initial and advanced levels. The elementary education degree and licensure programs prepare facilitators of learning to teach grades K-6, the Birth through Kindergarten degree and licensure program prepares facilitators of learning to teach B-K, and the reading licensure programs prepare education professionals for teaching reading in grades K-12. The Department also offers a Bachelor of Science degree in Birth through Kindergarten that is non-teaching.

Candidates for the initial teaching license (Bachelor of Science [B.S.] degree, non-degree Licensure Only programs,) will complete a series of Evidence requirements to demonstrate their competence in the North Carolina Professional Teaching Standards. These evidences must be completed during course work and field experiences (if required), and candidates must achieve a minimum rating of Proficient (score of 3.0) on each indicator on the scoring rubrics for course credit and recommendation for licensure. These evidences include: Unit Plan, Case Study, Content Project, and the Leadership and Collaborative Project. In addition, candidates who are required to student teach must also achieve a rating of Met on all parts of the final Certification of Teaching Capacity form.

Learning Outcomes

Elementary Education

1. Teacher candidates will know their content based on the Common Core (Math and Language Arts K-5), the Essential Standards for all content areas, and CAEP.
2. Teacher candidates will know how to teach based on the Common Core (Math and Language Arts K-5), the Essential Standards for all content areas, and CAEP.
3. Teacher candidates will implement practices that reflect the cognitive, mental, and physical development of P-6 students.
4. Teacher candidates will know how to utilize technology to enhance instruction, learning, research, assessment, and data management.

5. Teacher candidates will demonstrate leadership skills through the establishment of a safe, orderly, and positive environment.
6. Teacher candidates will provide appropriate accommodations and implement teaching strategies for diverse learners.
7. Teacher candidates will integrate 21st century knowledge and skills in instruction.
8. Teacher candidates will be able to communicate effectively and be reflective practitioners.

Birth-Kindergarten

1. Teacher candidates will know their content based on the Common Core (Math and Language Arts K-5), the Essential Standards for all content areas, and CAEP.
2. Teacher candidates will know how to teach based on the Common Core (Math and Language Arts K-5), the Essential Standards for all content areas, and CAEP.
3. Teacher candidates will implement practices that reflect the cognitive, mental, and physical development of P-6 students.
4. Teacher candidates will know how to utilize technology to enhance instruction, learning, research, assessment, and data management.
5. Teacher candidates will demonstrate leadership skills through the establishment of a safe, orderly, and positive environment.
6. Teacher candidates will provide appropriate accommodations and implement teaching strategies for diverse learners.
7. Teacher candidates will integrate 21st century knowledge and skills in instruction.
8. Teacher candidates will be able to communicate effectively, analyze data, and be reflective practitioners.

Bachelor of Science in Birth through Kindergarten (Teaching)

Program Requirements	**Credits**
Bachelor of Science in Birth through Kindergarten (Teaching)	
Total Credit Hours	**125**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education Majors on School of Education catalog page. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	

Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**86**
Professional Education Courses	**32**

EDUC 210 And EDUC 211 And EDUC 310 And EDUC 311 And EDUC 330 And EDUC 331 And SPED 320 And ELEM 471 And ELEM 491	
Birth through Kindergarten Major Core	**44**
EDUC 303 And EDUC 308 And EDUC 309 And EDUC 314 And EDUC 350 And EDUC 361 And EDUC 434 And HEED 372 And HEED 420 And READ 370 And SOCI 330 And SWRK 220 And SWRK 230 And HIST 211 Or HIST 212 (EDUC 309 and EDUC 314 are corequisites and must be taken concurrently)	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective	
Other Major Requirement	**3**
PSYC 210	
Elective	**3**
Choose in consultation with your advisor.	

Bachelor of Science in Birth through Kindergarten (Non-Teaching)

Program Requirements	**Credits**
Bachelor of Science in Birth through Kindergarten (Non-Teaching)	
Total Credit Hours	**124**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	

Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**85**
Professional Education Courses	**18**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 311 And EDUC 330 And EDUC 331 And SPED 320	
Birth through Kindergarten Major Core	**39**

EDUC 303 And EDUC 306 And EDUC 308 And EDUC 350 And EDUC 361 And EDUC 434 And HEED 372 And HEED 420 And READ 370 And SOCI 330 And S WRK 220 And SWRK 230 And HIST 211 Or HIST 212	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective	
Other Major Requirement	**3**
PSYC 210	
Elective	**3**
Choose in consultation with your advisor.	
Minor	**18**
See catalog listing for minor requirements.	

Bachelor of Science in Elementary Education with a concentration in Biology

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Biology	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education majors on the School of Education catalog page. Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	

Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**

ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Biology Concentration	**18**
Select five from the following: BIOL 150 And BIOL 200 And BIOL 350 And BOTN 210 And CHEM 141 (with lab: CHEM 142) And ZOOL 200 And one from the following: ZOOL 310 Or ZOOL 370	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Core Academic Studies

Program Requirements	Credits
Bachelor of Science in Elementary Education with a concentration in Core Academic Studies	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education majors on the School of Education catalog page. Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**

HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**

Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Core Academic Studies Concentration	**18**
Choose two: READ 316 Or READ 370 Or READ 390 Or READ 422 And choose one sequence: MATH 124-129 Or MATH129-130 Or MATH 130-131 And choose two: ASTR 111 Or ASTR 112 Or ZOOL 200	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in English

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in English	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**

Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits.	

[5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
English Concentration	**18**
ENGL 341 And ENGL 411 And choose one: ENGL 211 Or ENGL 212 Or ENGL 240 And choose one: ENGL 220 Or ENGL 223 And choose one: ENGL 311 Or ENGL 312 And choose one: ENGL 321 Or ENGL 322	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Health

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Health	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor.	

Graduation Requirements: All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance.	

[2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Health Concentration	**18**
HEED 300 And HEED 301 And HEED 321 And HEED 410 And HEED 411 And HEED 420	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in History

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in History	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education.	

Other Major Requirements: Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	

[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
History Concentration	**18**
HIST 110 And HIST 120 And HIST 210 And HIST 211 And HIST 212 And choose one: HIST 270 Or HIST 311 Or HIST 312 Or HIST 331 Or HIST 350 Or HIST 370 Or HIST 390 Or HIST 490 Or HIST Elective	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Mathematics

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Mathematics	
Total Credit Hours	**126**

Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	

Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Mathematics Concentration	**18**
Select six from the following: MATH 131 (MATH 121, 129, 130 may be required; MATH 129-130 with C in each substitutes for MATH 131.) And MATH 142 And MATH 241 And MATH 242 And MATH 251 And MATH 262 And STAT 202	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Political Science

Program Requirements	Credits
Bachelor of Science in Elementary Education with a concentration in Political Science	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	

Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Political Science Concentration	**18**
HIPO 310 And POLI 210 And POLI 220 And POLI 320 And POLI 450 And POLI 460	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Psychology

Program Requirements	Credits
Bachelor of Science in Elementary Education with a concentration in Psychology	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**

Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Psychology Concentration	**18**
PSYC 210 And PSYC 310 And PSYC 320 And PSYC 360 And six credits of PSYC electives	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**

ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Reading

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Reading	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	

Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Reading Concentration	**18**
READ 316 And READ 370 And READ 390 Or READ 300 And READ 400 And READ 422 And READ 441	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	

Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Sociology

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Sociology	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**

NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Sociology Concentration	**18**
SOCI 210 And SOCI 330 And SOCI 350 And three additional courses in Sociology.	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**

PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Spanish

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Spanish	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	

Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Spanish Concentration	**18**
SPAN 211 And SPAN 212 And SPAN 311 And SPAN 312 And choose one sequence: SPAN 320 Or SPAN 420 And choose one: SPAN 321 Or SPAN 322 Or SPAN 421	
Major Electives	**4**

PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Special Education

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Special Education	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**

PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**
ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Special Education Concentration	**18**
SPED 410 And SPED 460 And SPED 465 And SPED 480 And six credits of SPED electives.	

Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Bachelor of Science in Elementary Education with a concentration in Teaching English as a Second Language

Program Requirements	**Credits**
Bachelor of Science in Elementary Education with a concentration in Teaching English as a Second Language	
Total Credit Hours	**126**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** Student must fulfill all requirements for admission to Teacher Education. **Other Major Requirements:** Grade of C or higher in all education, concentration, and major courses, including Teacher Internship. Students must complete six hours of restricted electives with approval of department chair and advisor. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	

Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
MATH 123	
Scientific Literacy - Natural Sciences[4]	**8**
NSCI 110 And NSCI 120	
Scientific Literacy - Social Sciences	**3**
Select one from the following: POLI 210 Or POLI 220 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: HUMN 211 Or HUMN 212	
Global Literacy[5]	**3**
Select one from the following: HIST 110 Or HIST 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**87**
Professional Education Courses	**32**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And ENGL 300 And ELEM 471 And ELEM 491 And SPED 320	
Elementary Education Major Core	**27**

ELEM 320 And ELEM 335 And ELEM 400 And ELEM 401 And ELEM 402 And HIST 211 Or HIST 212 (Formal admission to Teacher Education required to enroll in ELEM 400, ELEM 401, ELEM 402)	
Teaching English as a Second Language Concentration	**18**
ENGL 230 And TESL 309 And TESL 310 And TESL 330 And TESL 341 And choose one from: ENGL 231 Or ENGL 343 Or READ 422	
Major Electives	**4**
PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or P EDU 130 Or PEDU 132 Or PEDU 140 And MATH elective.	
Other Major Requirement	**3**
PSYC 210	
Restricted Electives	**3**
ELEM 451	

Department of Middle Grades, Secondary, and Specialized Subjects

The primary goal of the Department of Middle Grades, Secondary, and Specialized Subjects is to offer quality programs leading to the Bachelor of Science degree, the Master of Arts in Teaching degree, and post-baccalaureate licensure in Middle Grades, Secondary, Health and Physical Education and Special Education, and a Minor in Health. In support of the mission of the university and the School of Education, the department is committed to preparing students as facilitators of learning with 21st century knowledge and skills to teach in middle grades education, secondary education, health and physical education, and special education.

Candidates for the initial teaching license (Bachelor of Science [B.S.] degree, non-degree Licensure Only programs, and Master of Arts in Teaching [M.A.T.] degree) will complete a series of evidence requirements to demonstrate their competence in North Carolina Professional Teaching, Graduate (if applicable) and National or Professional Standards and Indicators. These evidences must be completed during course work and field experiences (if required), and candidates must achieve a minimum rating of Proficient (score of 3.0) on each indicator on the scoring rubrics for course credit and recommendation for licensure. These evidences include: Unit Plan, Case Study, Content Project and Leadership and Collaboration Project. In addition, candidates who are required to student teach must also achieve a rating of Met on all parts of the final Certification of Teaching Capacity form.

Learning Outcomes

Middle Grades, Secondary, and Health/ Physical Education

1. Teacher candidates will know their content based on the Common Core State Standards, NC Essential Standards, and CAEP.
2. Teacher candidates will know how to teach based on the Common Core State Standards, NC Essential Standards, and CAEP.

3. Teacher candidates will implement practices that reflect the cognitive, mental and physical development of K-12 students.
4. Teacher candidates will know how to utilize technology to enhance instruction, learning, research, assessment, and data management.
5. Teacher candidates will demonstrate leadership skills through the establishment of a safe, orderly, and positive environment.
6. Teacher candidates will provide appropriate accommodations and implement teaching strategies for diverse learners.
7. Teacher candidates will integrate 21st century knowledge and skills in instruction.
8. Teacher candidates will be able to communicate effectively, analyze data, and be a reflective practitioner.

Special Education - Initial

1. Candidates will be able to demonstrate their understanding of the field as an evolving and changing discipline based on philosophies, evidence-based principles and theories, relevant laws and policies, diverse and historical points of view, and human issues that have historically influenced and continue to influence the field of special education and the education and treatment of individuals with exceptional needs both in school and society.
2. Candidates will be able to produce evidence of their knowledge and analysis of the similarities and differences in human development and the characteristics between and among individuals with and without exceptional learning needs.
3. Candidates will be able to exhibit their depth of understanding, research and strategies related to how the experiences of individuals with exceptional learning needs can impact families, as well as the individual's ability to learn, interact socially, and live as fulfilled contributing members of the community.
4. Candidates will be able to create products of learning that show activity and resourcefulness in seeking to understand how primary language, culture, and familial backgrounds interact with an individual's exceptional condition to impact the individual's academic and social abilities, attitudes, values, interests, and career options.
5. Candidates will be able to facilitate learning for their students through a repertoire of evidence-and research based instructional strategies and technologies used to individualize instruction for individuals with exceptional learning needs.
6. Candidates will be able to lead in their profession by creating learning environments for individuals with exceptional learning needs that foster a school cultural of understanding, safety and emotional well being, positive social interactions, and active engagement of all individuals.
7. Candidates will be able to reflect and use the results of assessments to help identify exceptional learning needs and to develop and implement individualized instructional programs, as well as collaborate with specialist in order to adjust instruction in response to ongoing learning progress.

Post-Baccalaureate Non-Degree Licensure Only Programs

Students interested in post-baccalaureate licensure only programs (including lateral entry licensure) in Middle Grades (6-9), Secondary (9-12), Health/ Physical Education, and Special Education: General Curriculum (K-12) should consult the Graduate Catalog and a program advisor.

Licensing Requirements

The following PRAXIS II Exams are required to receive a North Carolina Teaching License in the following areas: Health and Physical Education, Middle Grades Language Arts, Middle Grades Mathematics, Middle Grades Science and Middle Grades Social Studies.

Notes:

- In general, test codes that begin with "5" are delivered in computer format; codes that begin with "0" are delivered on paper.
- "CDT" refers to computer-delivered tests. "PDT" refers to paper-delivered tests.

Health and Physical Education

To Be Licensed in	You Need to Take	CDT Code	PDT Code	Qualifying Score
Health and Physical Education (K-12)	Health and Physical Education: Content Knowledge	5857	n/a	160

Middle School Education

To Be Licensed in	You Need to Take	CDT Code	PDT Code	Qualifying Score
Language Arts (Middle Grades)	Middle School English Language Arts	5047	n/a	164
Mathematics (Middle Grades)	Middle School Mathematics (On-screen calculator provided.)	5169	n/a	165
Science (Middle Grades)	Middle School Science	5440	n/a	150
Social Studies (Middle Grades)	Middle School Social Studies	5089	0089	149

Bachelor of Science in Health and Physical Education

Program Requirements	Credits
Bachelor of Science in Health and Physical Education	
Total Credit Hours	**128**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education Majors on School of Education catalog page. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**39**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
HEED 112	

Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131	
Scientific Literacy - Natural Sciences[4]	**8**
BIOL 150 And NSCI 110	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	

[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**88**
Professional Education Courses	**35**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 421 And EDUC 450 And EDUC 464 And EDUC 470 Or E DUC 480 And EDUC 490 And READ 320 (Admission to Teacher Education is required for EDUC 421, EDUC 450, EDUC 464, and READ 320; admission to Student Teaching is required for EDUC 470, EDUC 480, and EDUC 490)	
Health Core Courses	**27**
HEED 212 And HEED 300 And HEED 301 And HEED 310 And HEED 321 Or HEED 322 And HEED 372 And HEED 420 And select two of the following: HEED 311 Or HEED 321 Or HEED 322 Or HEED 410 Or HEED 411	
Physical Education Core Courses	**25**
PEDU 201 And PEDU 204 And PEDU 214 And PEDU 310 And PEDU 311 And PEDU 411 And PEDU 421 And PEDU 431 And PEDU 450	
Major Electives	**2**
Select two PEDU 100 level courses.	

Bachelor of Science in Middle Grades Education with a concentration in Language Arts

Program Requirements	**Credits**
Bachelor of Science in Middle Grades Education with a concentration in Language Arts	
Total Credit Hours	**133**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education Majors on School of Education catalog page.	

Graduation Requirements: All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202 (Required courses for Middle Grades Mathematics Concentration: MATH 129 Or MATH 130 Or STAT 202)	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122 (Required courses for Middle Grades Science Concentration: BIOL 150 Or BIOL 160 Or CHEM 141 And CHEM 142 Or PHYS 111 Or one of the following: ASTR 111 Or ASTR 112)	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210 (Required courses for Middle Grades Social Studies Concentration: ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or PSYC 210 Or SOCI 210)	

Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203 (Required courses for Middle Grades Language Arts Concentration: ENGL 220 Or ENGL 223)	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120 (Required courses for Middle Grades Social Studies Concentration: GEOG 220 Or HIST 270)	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**95**
Professional Education Courses	**26**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 450 And EDMG 470 And EDUC 490 (Admission to Teacher Education is required for EDUC 450; admission to Student Teaching is required for EDMG 470 and EDUC 490)	
Middle Grades Core Courses	**21**
EDMG 400 And ENGL 301 And READ 320 And SPED 320 And EDMG 498 And select two depending upon concentration options: EDMG 433 Or EDMG 461 Or EDMG 462 Or EDMG 463 (Admission to	

Teacher Education required for EDMG 400, READ 320, EDMG 433, EDMG 461,EDMG 462,EDMG 463, EDMG 498)	
Language Arts Concentration	**24**
ENGL 231 And ENGL 341 And READ 300 And READ 422 And select one: ENGL 220 Or ENGL 223 And select one: READ 316 Or READ 370 And select one: READ 390 Or READ 441 And select one: ENGL 335 Or ENGL 343 Or ENGL 344 Or READ 441	
Second Academic Concentration: Select from the following:	**24**
Social Studies Concentration: HIST 212 And HIST 390 And POLI 320 And SOCI 210 And select one: ECON 200 Or ECON 211 Or ECON 212 And select one: HIST 311 Or HIST 312 Or HIST 331 And select one: HIST 270 Or HIST 370 Or HIST 375 And select one: GEOG 210 Or GEOG 220	
Mathematics Concentration: MATH 129 And MATH 130 And MATH 142 And MATH 150 And MATH 241 And MATH 251 And MATH 262 And STAT 202	
Science Concentration: BIOL 150 And BIOL 160 And BIOL 200 And CHEM 141 And CHEM 142 And GEOL 311 And select one: PHYS 111 And select one: ASTR 111 Or ASTR 112	
Special Education Concentration: SPED 410 And SPED 460 And SPED 465 And SPED 480 And two electives selected with Special Education advisor.	
Reading Concentration: READ 300 And READ 316 And READ 370 And READ 390 And READ 400 And READ 422 And READ 441	

Bachelor of Science in Middle Grades Education with a concentration in Mathematics

Program Requirements	**Credits**
Bachelor of Science in Middle Grades Education with a concentration in Mathematics	
Total Credit Hours	**133**

Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education Majors on School of Education catalog page. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202 (Required courses for Middle Grades Mathematics Concentration: MATH 129 Or MATH 130 Or STAT 202)	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or CHEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or NSCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122 (Required courses for Middle Grades Science Concentration: BIOL 150 Or BIOL 160 Or CHEM 141 And CHEM 142 Or PHYS 111 Or one of the following: ASTR 101/ 101L Or ASTR 112)	
Scientific Literacy - Social Sciences	**3**

Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210 (Required courses for Middle Grades Social Studies Concentration: ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or PSYC 210 Or SOCI 210)	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203 (Required courses for Middle Grades Language Arts Concentration: ENGL 220 Or ENGL 223)	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120 (Required courses for Middle Grades Social Studies Concentration: GEOG 220 Or HIST 270)	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**95**
Professional Education Courses	**26**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 450 And EDMG 470 And EDUC 490 (Admission to Teacher Education is required for EDUC 450; admission to Student Teaching is required for EDMG 470 and EDUC 490)	

Middle Grades Core Courses	**21**
EDMG 400 And ENGL 301 And READ 320 And SPED 320 And EDMG 498 And select two depending upon concentration options: EDMG 433 Or EDMG 461 Or EDMG 462 Or EDMG 463 (Admission to Teacher Education required for EDMG 400, READ 320, EDMG 433, EDMG 461,EDMG 462,EDMG 463, EDMG 498)	
Mathematics Concentration	**24**
MATH 129 And MATH 130 And MATH 142 And MATH 150 And MATH 241 An d MATH 251 And MATH 262 And STAT 202	
Second Academic Concentration: Select from the following:	**24**
Language Arts Concentration: ENGL 231 And ENGL 341 And READ 300 And READ 422 And select one: ENGL 220 Or ENGL 223 And select one: READ 316 Or READ 370 And select one: READ 390 Or READ 441 And select one: ENGL 335 Or ENGL 343 Or ENGL 344 Or READ 441	
Social Studies Concentration: HIST 212 And HIST 390 And POLI 320 And SOCI 210 And select one: ECON 200 Or ECON 211 Or ECON 212 And select one: HIST 311 Or HIST 312 Or HIST 331 And select one: HIST 270 Or HIST 370 Or HIST 375 And select one: GEOG 210 Or GEOG 220	
Science Concentration: BIOL 150 And BIOL 160 And BIOL 200 And CHEM 141 And CHE M 142 And GEOL 311 And select one: PHYS 111 And select one: ASTR 111 Or ASTR 112	
Special Education Concentration: SPED 410 And SPED 460 And SPED 465 And SPED 480 And two electives selected with Special Education advisor.	
Reading Concentration: READ 300 And READ 316 And READ 370 And READ 390 And R EAD 400 And READ 422 And READ 441	

Bachelor of Science in Middle Grades Education with a concentration in Science

Program Requirements	**Credits**

Bachelor of Science in Middle Grades Education with a concentration in Science	
Total Credit Hours	**133**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education Majors on School of Education catalog page. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202 (Required courses for Middle Grades Mathematics Concentration: MATH 129 Or MATH 130 Or STAT 202)	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122 (R equired courses for Middle Grades Science Concentration: BIOL 150 Or BIOL 160 Or CHEM	

141 And CHEM 142 Or PHYS 111 Or one of the following: ASTR 111 Or ASTR 102/ 102L)	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 210 Or POLI 220 Or PSYC 210 Or SOCI 210 (Required courses for Middle Grades Social Studies Concentration: ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or PSYC 210 Or SOCI 210)	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 Or ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUSI 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203 (Required courses for Middle Grades Language Arts Concentration: ENGL 220 Or ENGL 223)	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOCI 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120 (Required courses for Middle Grades Social Studies Concentration: GEOG 220 Or HIST 270)	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**95**
Professional Education Courses	**26**

EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 450 And EDMG 470 And EDUC 490 (Admission to Teacher Education is required for EDUC 450; admission to Student Teaching is required for EDMG 470 and EDUC 490)	
Middle Grades Core Courses	**21**
EDMG 400 And ENGL 301 And READ 320 And SPED 320 And EDMG 498 And select two depending upon concentration options: EDMG 433 Or EDMG 461 Or EDMG 462 Or EDMG 463 (Admission to Teacher Education required for EDMG 400, READ 320, EDMG 433, EDMG 461,EDMG 462,EDMG 463, EDMG 498)	
Science Concentration	**24**
BIOL 150 And BIOL 160 And BIOL 200 And GEOL 311 And CHEM 141 And CHEM 142 And select one: PHYS 111 And select one: ASTR 111 Or ASTR 112	
Second Academic Concentration: Select from the following:	**24**
Language Arts Concentration: ENGL 231 And ENGL 341 And READ 300 And READ 422 And select one: ENGL 220 Or ENGL 223 And select one: READ 316 Or READ 370 And select one: READ 390 Or READ 441 And select one: ENGL 335 Or ENGL 343 Or ENGL 344 Or READ 441	
Social Studies Concentration: HIST 212 And HIST 390 And POLI 320 And SOCI 210 And select one: ECON 200 Or ECON 211 Or ECON 212 And select one: HIST 311 Or HIST 312 Or HIST 331 And select one: HIST 270 Or HIST 370 Or HIST 375 And select one: GEOG 210 Or GEOG 220	
Mathematics Concentration: MATH 129 And MATH 130 And MATH 142 And MATH 150 And MATH 241 And MATH 251 And MATH 262 And STAT 202	
Special Education Concentration: SPED 410 And SPED 460 And SPED 465 And SPED 480 And two electives selected with Special Education advisor.	
Reading Concentration: READ 300 And READ 316 And READ 370 And READ 390 And READ 400 And READ 422 And READ 441	

Bachelor of Science in Middle Grades Education with a concentration in Social Studies

Program Requirements	Credits
Bachelor of Science in Middle Grades Education with a concentration in Social Studies	
Total Credit Hours	**133**
Core Requirements: Minimum of 38-40 credits in the core curriculum required of all students. Students who enter as first-time freshmen must take an entering freshman and rising junior assessment to complete core requirements. **Program Admission Requirements:** See Admission Requirements for Teacher Education Majors on School of Education catalog page. **Graduation Requirements:** All graduating seniors are required to complete the Graduating Senior Assessment after completing 90 or more semester hours (including credit by examination), but not later than the graduation semester.	
University College Core Curriculum	**38**
Transitional Studies - University Studies[1]	**2**
Select one option from the following: (UNIV 101 And UNIV 102) Or UNIV 110 Or UNIV 111	
Transitional Studies - Life Skills	**2**
Select two credits from the following: HEED 112 Or PEDU 101 Or PEDU 107 Or PEDU 112 Or PEDU 120 Or PEDU 122 Or PEDU 130 Or PEDU 132 Or PEDU 140	
Communication Skills - Written Communication	**3**
ENGL 110	
Communication Skills - Oral Communication	**3**
SPEE 200	
Information Literacy	**3**
ENGL 120	
Reasoning Skills - Critical Thinking[2]	**3**
PHIL 110 Or PHIL 220	
Reasoning Skills - Quantitative Reasoning[3]	**3**
Select one from the following: MATH 123 Or MATH 126 Or MATH 129 Or MATH 130 Or MATH 131 Or MATH 140 Or POLI 240 Or STAT 202 (Required courses for Middle Grades Mathematics Concentration: MATH 129 Or MATH 130 Or STAT 202)	
Scientific Literacy - Natural Sciences[4]	**7**
Select two from the following: ASTR 111 Or ASTR 112 Or BIOL 110 Or BIOL 130 Or BIOL 150 Or BIOL 160 Or CHEM 101 Or C	

HEM 102 Or (CHEM 141 And CHEM 142) Or (CHEM 161 And CHEM 162) Or N SCI 110 Or NSCI 120 Or PHYS 111 Or PHYS 112 Or PHYS 121 Or PHYS 122 (R equired courses for Middle Grades Science Concentration: BIOL 150 Or BIOL 160 Or CHEM 141 And CHEM 142 Or PHYS 111 Or one of the following: ASTR 111 Or ASTR 112)	
Scientific Literacy - Social Sciences	**3**
Select one from the following: CRJC 210 Or ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or POLI 200 Or POLI 21 0 Or POLI 220 Or PSYC 210 Or SOCI 210 (Required courses for Middle Grades Social Studies Concentration: ECON 211 Or ECON 212 Or GEOG 210 Or HIST 212 Or PSYC 210 Or SOCI 210)	
Humanities and Creative Arts	**3**
Select one from the following: ART 210 Or COMM 220 Or ENGL 220 Or ENGL 223 Or ENGL 240 O r ENGL 250 Or ENGL 253 Or HIST 210 Or HUMN 211 Or HUMN 212 Or MUS I 210 Or MUSI 225 Or MUSI 260 Or PHIL 210 Or RELI 215 Or THEA 203 (Req uired courses for Middle Grades Language Arts Concentration: ENGL 220 Or ENGL 223)	
Global Literacy[5]	**3**
Select one from the following: ANTH 210 Or ART 150 Or ART 215 Or BADM 210 Or CHIN 110 Or CHIN 120 Or ENGL 211 Or ENGL 212 Or FREN 110 Or FREN 120 Or GEOG 220 Or HIST 110 Or HIST 120 Or HIST 270 Or PHIL 211 Or POLI 230 Or SOC I 150 Or SPAN 110 Or SPAN 112 Or SPAN 120 Or SPAN 122 Or THEA 242 Or YORU 110 Or YORU 120 (Required courses for Middle Grades Social Studies Concentration: GEOG 220 Or HIST 270)	
Ethics and Civic Engagement[2]	**3**
EDUC 211 (completion of this professional education course satisfies the Ethics and Civic Engagement requirement)	
Notes	
[1] UNIV 101-102 required for all first time students; UNIV 110 required for transfer students with fewer than 30 transfer credits. Students do not earn credit if requirement is waived. UNIV 111 may be required based on academic performance. [2] Not required for students with 60+ transfer credits. Students do not earn credit if requirement is waived. [3] MATH 121 may be required based on profile scores. Some core courses require a one-hour lab. [4] At least one natural science class must include a lab. Some majors require two lab sciences, increasing requirement to 8 credits. [5] Not required for students with 30+ transfer credits from a foreign institution. Students do not earn credit if requirement is waived.	
Program Requirements	**95**

Professional Education Courses	**26**
EDUC 210 And EDUC 211 And EDUC 310 And EDUC 330 And EDUC 331 And EDUC 450 And EDMG 470 And EDUC 490 (Admission to Teacher Education is required for EDUC 450; admission to Student Teaching is required for EDMG 470 and EDUC 490)	
Middle Grades Core Courses	**21**
EDMG 400 And ENGL 301 And READ 320 And SPED 320 And EDMG 498 And select two depending upon concentration options: EDMG 433 Or EDMG 461 Or EDMG 462 Or EDMG 463 (Admission to Teacher Education required for EDMG 400, READ 320, EDMG 433, EDMG 461,EDMG 462,EDMG 463, EDMG 498)	
Social Studies Concentration	**24**
HIST 212 And HIST 390 And POLI 320 And SOCI 210 And select one: ECON 200 Or ECON 211 Or ECON 212 And select one: HIST 311 Or HIST 312 Or HIST 331 And select one: HIST 270 Or HIST 370 Or HIST 375 And select one: GEOG 210 Or GEOG 220	
Second Academic Concentration: Select from the following:	**24**
Language Arts Concentration: ENGL 231 And ENGL 341 And READ 300 And READ 422 And select one: ENGL 220 Or ENGL 223 And select one: READ 316 Or READ 370 And select one: READ 390 Or READ 441 And select one: ENGL 335 Or ENGL 343 Or ENGL 344 Or READ 441	
Mathematics Concentration: MATH 129 And MATH 130 And MATH 142 And MATH 150 And MATH 241 And MATH 251 And MATH 262 And STAT 202	
Science Concentration: BIOL 150 And BIOL 160 And BIOL 200 And CHEM 141 And CHEM 142 And GEOL 311 And select one: PHYS 111 And select one: ASTR 111 Or ASTR 112	
Special Education Concentration: SPED 410 And SPED 460 And SPED 465 And SPED 480 And two electives selected with Special Education advisor.	

Reading Concentration: READ 300 And READ 316 And READ 370 And READ 390 And READ 400 And READ 422 And READ 441	

Minor in Health

Minor Requirements	**Credits**
Minor in Health	
Total Credit Hours	**18**
HEED 300 And HEED 301 And HEED 372 And HEED 411 And HEED 420 And select one of the following: HEED 310 Or HEED 321 Or HEED 410	

Military Education

Fayetteville State University at Fort Bragg has the reputation as one of the nation's top military-friendly universities. As a provider of higher education to military personnel on Fort Bragg, the University is unalterably committed to its military neighbors. Our dedicated faculty, staff and administrators remain flexible in support of all involved in military education at Fort Bragg. And because we understand first hand the perspective of the active duty and activated reserve student, we make available the monetary, personnel and facility resources necessary to provide the same quality educational experience for service members and their families as those enjoyed by our on-campus students. Our motto is "People First - Mission Always" as we continue to seek ways to become a best-value provider of soldiers' educational needs.

Department of Aerospace Studies (Air Force ROTC)

Minors

- Minor in Military Technologies

Department of Military Science (Army ROTC)

Department of Aerospace Studies (Air Force ROTC)

The Air Force Reserve Officer Training Corps (AFROTC) program is a voluntary educational program designed to provide college students an opportunity to earn an Air Force commission while simultaneously working toward a degree. The program exists in two parts, the General Military Course and the Professional Officers Course. Students normally attend a summer field-training encampment between the sophomore and junior years, or second and third years of the program. The Department also offers a Minor in Military Technologies; this minor is open to all students and is not limited to students enrolled in AFROTC.

General Military Course (GMC)

The General Military Course is the first half of the AFROTC program and is taken during the freshman and sophomore years. There is no selection process to enter this portion of the program. The General Military Course allows students the opportunity to gain a greater appreciation for AFROTC, Air Force officers, and the Air Force. Students at this level learn about the organization of the Air Force, officership, career opportunities, and the historical development of the Air Force. Once successfully completing the General Military Course, the next phase is the Professional Officers Corp. Students participate in ARSS 421 and ARSS 422 in lieu of the core curriculum physical education requirements.

Professional Officers Course (POC)

The Professional Officers Course is the second half of the AFROTC program, and entry is competitive. Students are selected to enter the POC based on their ability to maintain certain academic and physical standards. Those selected attend a four-week field-training encampment during the summer at the end of their sophomore or second year.

Two-year program

Candidates attend a five-week encampment. Field training must be successfully completed prior to acceptance into the Professional Officers Course for all cadets and candidates. Individuals accepted into the Professional Officers Course are considered officer candidates and are in line to be commissioned as second lieutenants into the United States Air Force. This portion of the program offers advanced training in leadership, management, and communication skills.

Professional Development Programs

The Air Force ROTC program provides numerous summer opportunities. Field training (taken prior to entering the Professional Officers Course) allows students to experience the Air Force environment. This experience includes career orientation, junior officer training, aircraft indoctrination, physical fitness, and familiarization with the organizations and functions of an Air Force base. Students are paid during their stay at field training.
In addition to the field-training program, several motivational programs are available to help cadets become more familiar with Air Force life and their desired career fields. These voluntary programs include:

Air Force Academy Soaring Program (SOAR)
Air Force Academy Basic Freefall Parachute Training (AFAFF)
Operation Air Force (OAF)
British Exchange (BREX)
Pentagon Internship Program (PENT)
Nurse Orientation Program (NOP)
Army Airborne Training (AAT)
Field Engineering and Research Lab (FERL)
Combat Survival Training (CST)
Foreign Language Immersion Program (FLI)

Students participating in these programs are financially compensated. During each academic year, the cadet corps also schedules field trips to various military installations.

Scholarships

AFROTC offers the opportunity for students attaining a 2.5 GPA or better to compete for three-year or two-year scholarships. These scholarships pay tuition, laboratory fees, textbooks and incidental fees. The recipient also receives a nontaxable stipend each month during the academic year. Four-year and three-year scholarships are offered to graduating high school seniors on a competitive basis. These scholarships also pay full tuition, lab fees, textbooks, incidental fees, and a nontaxable stipend each month. High school students should apply early in their senior year, 1 June to 1 December, for this scholarship.

AFROTC also offers a Pre-Health scholarship which pays for up to three years of undergraduate study and commits to paying for medical school once the recipient is accepted to an accredited school of medicine.

Degree and Eligibility Requirements

Degree Requirements

To be commissioned, students must earn a bachelor's or master's degree offered by the university. The Department of Aerospace Studies does not offer a degree, but accepts all university degrees. In a partnership

arrangement, the university educates students and grants them degrees; the Department of Aerospace Studies ensures that graduated cadets have the knowledge and awareness to put their education and degrees to use within the Air Force.

Eligibility Requirements

Eligibility for the General Military Course (GMC) requires each student to enroll in the ARSS 111 (for freshmen students) or 211 (for sophomore and higher students) level course. During this period, students/cadets are evaluated on academic and corps activities, and compete for acceptance into the Professional Officers Course. Students entering the Professional Officers Course must accomplish the following:

- Be a U.S. citizen by enlistment date
- Be a full-time college student
- Have no history of asthma
- Have no history of drug abuse
- Be medically certified by Air Force medical personnel (arranged by the department)
- Minimum civil involvement (traffic tickets, etc)
- Pass physical fitness test prior to attending field training
- Be of good moral character and academic standing.
- Attain qualifying score on the Air Force Officers Qualification Test
- Successfully complete GMC classes and attend the four-week field-training encampment, or five-week field-training encampment for the two-year program candidates.

Minor in Military Technologies

Minor Requirements	**Credits**
Minor in Military Technologies	
Total Credit Hours	**16**
ARSS 111 And ARSS 112 And ARSS 211 And ARSS 212 And ARSS 311 And ARSS 312 And ARSS 411 And ARSS 412	

Department of Military Science (Army ROTC)

Fayetteville State University has a cross-enrollment program with Methodist College, whereby FSU students can pursue a commission in the United States Army, and Methodist University students can pursue a commission in the United States Air Force. FSU students can enroll in classes conducted by the Department of Military Science at Fayetteville State University.

The Military Science curriculum is a leadership development program that enhances students' academic endeavors and develops men and women for positions of responsibility as commissioned officers in the active Army and its reserves. The program has two components: the Basic and Advanced courses.

The Basic Course is normally taken during the freshman and sophomore years. No military commitment is incurred, and the student is permitted to withdraw at any point. Two 100-level Military Science courses (101,102) and two 200- level (201, 202) courses are required.

After completing the Basic Course, students may enroll in the Advanced Course, provided that they have demonstrated officer potential and have a cumulative GPA of 2.0 or higher. The Advanced Course covers t he final two years of college, which includes a paid (approximately $800) five-week Advanced Camp held at Fort Lewis, Washington during the summer between the student's junior and senior years. Advanced Course cadets also receive $300 - $400 every academic month. Instruction includes leadership development, oral and written communication skills, military organization, logistical management, small-unit tactics, training management, military history, and practical leadership experience.

The Leadership Development and Assessment Course provides a realistic taste of leadership as cadets put into practice the principles and theories acquired in the classroom. Students who wish to enter the Advanced Course and who did not complete the Basic Course may fulfill them by attending a six-week Leader's Training Course at Fort Knox, Kentucky, during the summer between their sophomore and junior years. Veterans automatically qualify for Advanced Course placement. Prior to commissioning, ROTC cadets must also fulfill professional military education (PME) requirements by taking courses in human behavior, written communication, computer literacy, and math reasoning. Three and two-year scholarships are available on a competitive basis. The scholarships pay for college tuition, textbooks, and laboratory fees, plus a $200 - $400 monthly stipend.

Course Descriptions

All course descriptions carry behind the name and number a parenthesis ( ) indicating the credit hours, lecture hours, and the lab hours per week. For example: NSCI 110 (4-3-2). The first number in the parenthesis indicates the credit value of the course (4); the second number indicates the number of lecture hours (3) per week; and the third number indicates the number of lab hours per week (2).

ACCT 211 (3-3-0) Principles of Accounting I: An introduction to financial accounting. A study of the basic concepts of accounting, the accounting cycle and preparation of financial statements, and the analysis and recording of transactions for operating, investing, and financing activities.
Prerequisite: MATH 121 Or MATH 123

ACCT 212 (3-3-0) Principles of Accounting II: An introduction to managerial accounting. A study of the uses of financial statements, the study of manufacturing operations, and the uses of accounting information by management.
Prerequisite: ACCT 211

ACCT 300 (3-3-0) Accounting Information Systems: This course provides basic knowledge of how accounting information systems function in business organizations. Transaction flowcharting and internal controls of the revenue, expenditure, and conversion cycles are covered in detail. Attention is also focused on basic computer terminology, EDP controls, and relational databases.
Prerequisite: ACCT 211 with a minimum grade of B And ACCT 212 with a minimum grade of B

ACCT 310 (3-3-0) Managerial Accounting: A continuation of ACCT 212. A study of cost terms; cost behavior; systems design; and the analysis, interpretation, and application of accounting data by management.
Prerequisite: ACCT 211 And ACCT 212

ACCT 311 (3-3-0) Intermediate Accounting I: A continuation of ACCT 212. A study of cost terms; cost behavior; systems design; and the analysis, interpretation, and application of accounting data by management.
Prerequisite: ACCT 211 with a minimum grade of B

ACCT 312 (3-3-0) Intermediate Accounting II: A continuation of Intermediate Accounting I. An in-depth study of accounting for investing and financing activities, leases, income taxes, and pensions.
Prerequisite: ACCT 311

ACCT 320 (3-0-0) Federal and State Income Taxes: A survey of basic tax laws and the determination of taxable income for individuals; introduction to tax research.
Prerequisite: ACCT 211 with a minimum grade of B And ACCT 212 with a minimum grade of B

ACCT 321 (3-3-0) Cost Accounting: A study of the various cost concepts: accumulation of product costs, joint costs in job order and process cost systems, including analysis of variances for managerial control and decision making, direct and variable costing, cost-volume-profit analysis; the buy or make decision.
Prerequisite: ACCT 211 with a minimum grade of B And ACCT 212 with a minimum grade of B

ACCT 322 (3-3-0) Advanced Cost Accounting: A continuation of ACCT 321: budgets and analyses of costs and other variances for management action; capital budgeting, and operations management and yield variances.
Prerequisite: ACCT 321

ACCT 411 (3-3-0) Advanced Accounting: Accounting and reporting for investment activities of business. Issues related to foreign currency, accounting diversity, disaggregated information, reorganizations, and liquidations.
Prerequisite: ACCT 312

ACCT 412 (3-3-0) Government and Public Accounting: A study of accounting for non-profit entities, including local, state, and federal government units; educational institutions; hospitals and other health care organizations; and welfare organizations. The course covers the classification and use of funds in such entities, including budgeting, purchasing and financial activities, and the presentation of financial reports by these types of organizations.
Prerequisite: ACCT 312

ACCT 420 (3-3-0) Advanced Federal Income Taxes: A continuation of ACCT 320: tax laws applicable to corporations, partnerships, trusts, estates, gift tax, and tax planning; substantive research work resulting in formal reports.
Prerequisite: ACCT 320

ACCT 422 (3-3-0) Auditing: This course covers the conceptual and practical aspects of the examination of financial statements by independent accountants. Issues examined include: objectives and techniques of internal control; standards of presentation and disclosure in financial statements; objectives and procedures for auditing practice; statistical sampling techniques; and auditing of EDP records.
Prerequisite: ACCT 300 And ACCT 312

ACCT 424 (3-3-0) Financial Statement Analysis: This course is a study of the process of business analysis through the evaluation of financial statements. Topics include analysis of financial statements and ratio, strategic, prospective, equity, and credit analysis. This course presumes an understanding of accounting principles in order to successfully master the course content. While some accounting concepts may be reviewed, this course is about the analysis and evaluation of financial information based on Generally Accepted Accounting Principles. Students must be able to express the analysis of cases and other course work in writing that meets professional standards. This course is cross listed with FINC 424.
Prerequisite: ACCT 211 And ACCT 212 with a grade of "B" or better And FINC 311 with a grade of "C" or better

ACCT 425 (3-3-0) Forensic and Fraud Analysis: This course helps students understand the principles of forensic accounting and fraud examination. Students will learn how and why financial fraud occurs and techniques to identify and investigate these frauds. Topics include fraud prevention, fraud detection, fraud investigation, management fraud, and other key forensic topics.
Prerequisite: ACCT 211 And ACCT 212

ACCT 430 (3-3-0) Accounting Theory: A study of contemporary financial accounting issues, emphasizing the role of accounting theory in accounting policy decisions; the social, political, and economic influences on the establishment of accounting standards; and the history of the accounting profession and accounting thought.
Prerequisite: ACCT 312

ACCT 450 (3-3-0) Accounting Internship: This course provides students with practical experience in the field of accounting in private and public organizations (including industry). Formal class meetings before and after the internship are required to evaluate the work experience of students. The program must be arranged in advance and approved by the department chairperson. This course is not open to students with credit from any similar program in the institution.

ADMS 320 (3-3-0) Administrative Services: This course is designed to provide for the development of basic desktop publishing concepts and skills which include the essentials of production and design, type and layout, and graphics and text for business and technical applications.
Prerequisite: BEDU 110

ANTH 210 (3-3-0) Introduction to Anthropology: An introduction to the history and methods of anthropology, with special emphasis on early hominid and cultural evolution, the comparative study of social institutions, and the nature of cultural differences as they exist in traditional and modern societies.

ANTH 310 (3-3-0) Cross-Cultural Studies in Anthropology: This course is designed to introduce students to the major intellectual, practical, methodological, and ethical concepts of cultural anthropology. Students will examine in-depth anthropological concepts of culture, behaviors, and belief systems. The goal of this course is to provide a comparative analysis of the cultural differences in human adaptations, the appreciation of diverse values and lifestyles, and the application of the cross-cultural study of people throughout the world.
Prerequisite: ANTH 210 Or SOCI 150 Or SOCI 210 Or permission of instructor

ARSS 111 (1-1-2) Foundation of the USAF I: ARSS 111 is a survey course designed to introduce cadets to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include: mission and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force officer opportunities, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

ARSS 112 (1-1-2) Foundations of the USAF II: ARSS 112 is a continuation of ARSS 111.

ARSS 211 (1-1-2) Evolution of Air and Space Power: This course is designed to examine the general aspects of air and space power through a historical perspective. Utilizing this perspective, the course covers a time period from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War. Historical examples are provided to extrapolate the development of Air Force capabilities (competencies), and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension: e.g. Principles of War and Tenets of Air and Space Power. As a whole, this course provides the cadets with a knowledge level understanding for the general element and employment of air and space power, from an institutional doctrinal and historical perspective. In addition, the students will continue to discuss the importance of the Air Force Core Values, through the use of operational examples and historical Air Force leaders, and will continue to develop their communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

ARSS 212 (1-1-2) Evolution Air and Space Power II: ARSS 212 is a continuation of ARSS 211.

ARSS 311 (3-3-2) Air Force Leadership Studies I: This course guides the student through a study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and the communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply the leadership and management principles of this course.

ARSS 312 (3-3-2) Air Force Leadership Study II: ARSS 312 is a continuation of ARSS 311.

ARSS 411 (3-3-0) National Security Affairs and Prep Ac: ARSS 411 examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining verbal and written communication skills. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences, giving students the opportunity to apply the leadership and management principles of this course.

ARSS 412 (3-3-2) National Security Affairs and Prep II: ARSS 412 is a continuation of ARSS 411.

ARSS 421 (1-0-3) Physical Education and Training: This course is designed to introduce the student to physical fitness and the regulations and components of the Air Force Physical Fitness Assessment. Information on various topics contributing to a fit lifestyle (such as nutrition and hydration, the benefits of aerobic and anaerobic exercise, running shoe selection, etc.) will be interwoven throughout the course. The course will involve calisthenics, introduction to various sports, and running.

ARSS 422 (1-0-3) Physical Education and Training: This course is designed to introduce the student to physical fitness and the regulations and components of the Air Force Physical Fitness Assessment. Information on various topics contributing to a fit lifestyle (such as nutrition and hydration, the benefits of aerobic and anaerobic exercise, running shoe selection, etc.) will be interwoven throughout the course. The course will involve calisthenics, introduction to various sports, and running.

ART 110 (3-0-6) 2D Design: An introductory course in two-dimensional design. It provides a basic understanding of elements and principles of design as they relate to drawing, painting, and the graphic arts.

ART 121 (3-0-6) Basic Drawing: The study of basic principles of freehand drawing. This course emphasizes the elements and principles of art through self-expression and utilizes a variety of drawing media.

ART 123 (3-0-6) Basic Digital Design: This course is a basic introduction of computer-based skills in the area of visual design. Limited graphic skills will be introduced to assist in self-marketing, advertising techniques, layout, and computer generated images.

ART 150 (3-3-0) Manga and Sequential Art in World Culture: A survey course examining works of sequential storytelling, Manga, graphic novels, and related formats throughout history. These works from various global cultures will be examined and discussed with a focus on major stylistic developments, intellectual movements, and cultural heritage and identity. Discussion will include the dissemination of these materials and the manner in which this demonstrates interdependence and communication among global cultures. The course will incorporate analysis of the materials, representing specific cultural concepts as they relate to international use of genres and social ideals.

ART 210 (3-3-0) Survey of Art: A general study of the visual arts and their use in business, industry, education, leisure activities, and culture.

ART 211 (3-3-0) Introduction to Art History: A study of the history of architecture, sculpture, painting, and the minor arts, with an historical summary of art form developments in various cultures.

ART 212 (3-3-0) Introduction to Painting: The study of theories, methods, and painting techniques for landscapes, still-lifes, and varied compositions with special emphasis on the elements and principles of art in painting.
Prerequisite: ART 110 And ART 121

ART 215 (3-3-0) Survey of Global Art: An art survey course exploring artistic traditions, forms, and achievements from around the world. Students shall examine underlying cultural, social, and aesthetic developments outside western classical traditions, thereby drawing new perspectives on global literacy and cultural appreciation. Specific course content will focus primarily on the research of artists, signature movements, artworks, and processes.

ART 222 (3-3-0) Advanced Drawing: The study of compositional development through experimental drawing. This course emphasizes the technical expansion of drawing techniques with varied drawing media and subjects.
Prerequisite: ART 110 And ART 121

ART 223 (3-0-6) Figure Drawing I: An in-depth investigation of the figure as a means of exploring drawing as depiction, organizational device, metaphor and object. Students will explore various dry and mixed media such as pastel, color pencil, collage techniques. This course is designed for the advanced art major who seeks to master observation, interpretation, and foundation skills in figure drawing.
Prerequisite: ART 110 And ART 121

ART 226 (3-0-6) Typography: This course will provide discussion and exploration of the basic rules and principles of type as an artistic, mechanical, and advertising medium.
Prerequisite: ART 110 And ART 123

ART 230 (3-0-6) Introduction to Ceramics: The study and use of ceramic processes and techniques, including: hand forming, molding, introduction to wheel throwing, glaze utilization, and kiln operation.

ART 231 (3-0-6) Introduction to Sculpture: A course which introduces basic three dimensional design principles and the application of those principles in a variety of traditional sculpture techniques.

ART 250 (3-0-6) Digital Photography: This course will cover digital photography and professional lighting techniques needed to produce commercial print and web images for promotional, retail signage, advertising and marketing themes, and business applications.

ART 253 (3-0-6) Introduction to Printmaking: An introduction to printmaking processes, including history, development, and techniques. Two traditional categories of printmaking, the relief print and intaglio, are introduced and practiced. Using techniques in each category, students will practice reductive and additive processes; work in black and white and color; and understand the registration and printing of multiple matrixes. Traditional and experimental approaches are encouraged. Serigraphy and lithography are demonstrated by the instructor.
Prerequisite: ART 110 And ART 121

ART 270 (3-0-6) Sequential Art I: This class is meant to serve as a basic introduction to the elements of visual storytelling. Sequential Art as an artistic, mechanical, and advertising medium will be covered in detail as well. Historical examples will be used and the evolution of sequential, graphic, and comic art into its current forms will be explored.

ART 310 (3-1-5) Creative Art Experiences for Young Children: A study of the planning and organization of creative art activities for children from kindergarten through the third grade.

ART 311 (3-0-6) Arts and Crafts: An introduction to simple sculptured forms, construction, printing, carving, weaving, modeling, and lettering, and to the handling of such materials as wood, metal, clay, fabrics, and paper.
Prerequisite: ART 110 And ART 121

ART 312 (3-0-6) Drawing and Painting: An introduction to the fundamentals of landscape, still life, and portrait drawing and painting, with special emphasis on line, form, texture, and color in objective and non-objective art.
Prerequisite: ART 212

ART 313 (3-0-6) Figure Drawing II: This course focuses on the figure as a central motif in the manipulation of space and pictorial investigation. Students will explore various wet pigment and dry media such as ink, watercolor, acrylic, and oil pigments. This course is designed for the advanced art major concentrating on mastering interpretative and technical aspects concerns of figurative representation.
Prerequisite: ART 121

ART 321 (3-3-0) Ancient to Medieval Art: This course provides a detailed examination of visual art from ancient to medieval times. Students explore architecture, sculpture, and painting in relation to, background history, traditions, and cultural attributes. Museum and gallery visits, photographic slide presentations, and lectures will be integral elements in the course.

ART 322 (3-3-0) Renaissance to Modern Art: This course provides a detailed examination of visual art from the Renaissance to the modern period. Students explore architecture, sculpture and painting in relation to, background history, traditions, and cultural attributes of art forms. Museum and gallery visits, photographic slide presentations, and lectures will be integral elements in the course.

ART 330 (3-0-6) Computer Imaging in Visual art: This course investigates the concept and techniques of applying computer imaging to fine art. Macintosh and IBM computers will be used to generate desktop publishing from creative graphics. Focus will be given to the leading graphic software applications.
Prerequisite: ART 110 And ART 121 And ART 123 Or ART 250

ART 331 (3-0-6) Color Theory and Techniques: The study of color theories, color harmonies, and the orchestration of colors in design composition and nature to express symbolic, psychological, and aesthetic ideas.
Prerequisite: ART 110

ART 340 (3-3-0) Woman, Culture, and Imaging: This course focuses on how Western aesthetics and cultural ideology have shaped women's relationships to the visual arts from the medieval period to the present.

ART 341 (3-0-5) Leathercraft: A course in the design and production of craft projects fashioned in leather or with leather decoration.

ART 351 (3-0-6) Commercial Photography: Teaches the student all aspects of commercial photography and its practices including lighting techniques. Current trends in business practices for the photographic

industry will be covered as well as small business techniques as they relate to photography.

ART 352 (3-0-6) Commercial Art: A study of working theories and practical applications of design linked to the sale or promotion of a product or commodity. Skills developed include fashion design, cartooning, illustrating, lettering, and package design, as well as photographic, and airbrush techniques.
Prerequisite: ART 110 And ART 123 And ART 330

ART 354 (3-0-6) Advanced Printmaking: This course moves the student into technical areas of printing to include the following: photo-silk screening, creative techniques in screening, and other advanced techniques.
Prerequisite: ART 110 And ART 121 And ART 253

ART 355 (3-0-6) Multi-Media Print: A course designed to explore and combine traditional printmaking techniques with digital, computer generated, and other photo-based technologies.
Prerequisite: ART 110 And ART 121 And ART 253 And ART 354

ART 361 (3-3-0) African Art: An introduction to the regional art of Africa, with attention given to historical, sociological, and theological backgrounds.

ART 362 (3-3-0) African-American Art from 1800: A survey of works by African-American artists, including an investigation of the historical and environmental influences on contemporary black art.

ART 363 (3-3-0) Contemporary Art: A study of late modern art to the present, the course is an analysis of works of art in their historical, social, and cultural context. Artists and works of art are examined within periods and style, influential art theories, the art market, and changes in consumer society.
Prerequisite: ART 322

ART 365 (3-3-0) History of Photography: The history of photography is traced from its inception to modern times. The advent of the camera and a prognostication of its destiny are contemplated. The course includes lecture, darkroom laboratory work, and field experience. Color, black and white, and digital photography are included. Photographic essay and thesis are required.

ART 366 (3-0-6) Introduction to Metals: An introduction to metal sculpture using basic fabrication and casting techniques. Beginning metal fabrication includes the development of design concepts, as well as techniques for cutting, forming, welding, and finishing. Casting in metal includes basic lost wax methods, the foundry process, and finishing techniques.
Prerequisite: ART 231

ART 367 (3-0-6) Subtractive Sculpture: An introduction to sculptural concepts developed through reductive carving techniques in the medium of wood, plaster, and stone as an expressive method of creating forms in space. Technical proficiency is based on understanding materials, use of specialized hand tools and equipment (power and pneumatic), safety practices, shaping, finishes, and presentation.
Prerequisite: ART 231

ART 368 (3-0-6) Introduction to Woodworking: An introduction to wood and wood fabrication as a sculpture medium, this course includes an overview of general wood properties; medium specific wood working hand tools; safety and equipment in cutting; and joinery and finishing techniques.
Prerequisite: ART 231

ART 370 (3-0-6) Sequential Art II: This class is meant to serve as an advanced introduction to the elements of visual storytelling. This class will focus on classical animation and current animation technologies. The course uses historical and international examples and explores the evolution of sequential, graphic, and comic art into contemporary forms and genres.
Prerequisite: ART 270

ART 371 (3-0-6) Clay Modeling I: A course in clay modeling where students work from the figure to understand systems of sculpting from life.
Prerequisite: ART 121

ART 372 (3-0-6) Clay Modeling II: A course that instructs students in the process of mold-making and the preparation for casting in metal, plaster, hydrocal, or concrete.
Prerequisite: ART 121

ART 375 (3-3-0) Installation Art: Ceramics and Mixed Media: This course explores many of the twentieth century sculptural issues related to installation art. Topics may include indoor and outdoor site-specific work, sculpture on a grand scale, and 3-D public art. Students are required to execute an installation piece complete with proposals and preliminary models.
Prerequisite: ART 121 Or ART 230 Or ART 231 Or ART 250

ART 380 (3-3-0) Art Education: Methods and Materials: This course focuses on the creative abilities of the elementary school child. The course will explore the graphic abilities of the child, the philosophy of sequential learning, and various production techniques and processes appropriate for elementary school. In addition to creating and executing production lesson plans, students will learn to discuss exemplary works of art with the elementary student. Required course for Art Education Majors.

ART 381 (3-3-0) Islamic Art: A survey of Islamic art from the period of the early caliphates (c. 700) to the heights of the Islamic empires (c. 1700), combined with close examinations of the issue of aniconism in the Islamic artistic tradition and of relationships between the Islamic and western traditions.

ART 391 (3-3-0) Computer Graphics in Fine Arts: This course explores the development of computers as a tool to produce art. This class will allow students to experience the creation of their own art using computers, and to understand the concepts and rules of fine art production as they relate to this medium.
Prerequisite: ART 123 And ART 250 Or ART 330

ART 400 (1-0-1) Art Thesis: A course involving individual projects that investigate survival strategies, materials and techniques, theory of art, methods of criticism, and exhibition and presentation in the selected area. Intended for specialized studies in painting, ceramics, sculpture, graphics, and art history.
Prerequisite: Senior standing

ART 410 (3-3-0) Art Criticism: A course aimed at the evaluation of art concepts, the philosophy of aesthetics, and an analytical approach to discussing art forms.
Prerequisite: ART 363

ART 411 (3-2-1) Art in Childhood Education: An investigation into the problems in children's art, the nature of art for children, art for creative expression, and the correlation of art with other subjects, with practical experience in the making and the teaching of simple art projects and activities appropriate to elementary school children.

ART 412 (3-0-6) Advanced Painting: The study of painting techniques and composition, emphasizing a variety of painting media and the treatments of surface and subject matter to the development of styles.
Prerequisite: ART 121 And ART 212

ART 413 (3-3-0) Direct Study in Advanced Painting III: A directed study course for students seeking contemporary water media painting problems. This course emphasizes the study of design principles, color structure, and fundamental methods of pictorial organization.
Prerequisite: ART 121 And ART 212

ART 414 (3-3-0) Directed Study in Advanced Painting IV: A directed study course for students seeking a comprehensive analysis of painting media, experimentation of painting styles and self-expression.
Prerequisite: ART 121 And ART 212

ART 422 (3-2-1) Art in the Intermediate Grades(4-9): A developmental study of creative expression facilitated through art in the intermediate grades, with students required to participate in activities involving a variety of art media such as drawing, painting, graphics, ceramics, etc., to develop a background for teaching art and to refine personal skills for artistic expression.
Prerequisite: ART 311 And ART 322

ART 430 (3-0-6) Ceramics II: Further study and use of ceramic processes and techniques: hand forming, molding and wheel throwing, glaze utilization, and kiln operation.
Prerequisite: ART 121 Or ART 230 Or ART 231

ART 431 (3-0-6) Ceramics III: A practical course focusing on advanced techniques in wheel throwing, clay formulation, glaze mixing, and glaze application, with students learning "how to," and gathering experience in loading and firing gas and electric kilns. Variable credit may be earned in this course.
Prerequisite: ART 121 Or ART 230 Or ART 231

ART 433 (3-3-0) Directed Study in Advanced Printmaking III: This course is a directed study for students seeking extensive experimentation in printmaking techniques particular to traditional and contemporary printmaking processes.
Prerequisite: ART 253 And ART 354

ART 434 (3-3-0) Directed Study in Advanced Printmaking IV: A direct study for students seeking to apply their knowledge of advanced printmaking techniques with an emphasis on development of personal style.
Prerequisite: ART 253 And ART 354

ART 440 (3-2-4) Basic Photography: A course including activities such as camera operation, picture taking, darkroom techniques and procedures, and photo printing. Students must have access to a camera.

ART 441 (3-3-0) Weaving: A study of cloth making, with emphasis on design and on the use of hand, floor, and table looms.

ART 450 (3-0-6) Studio Problems: A course designed for independent work in the student's area of concentration. Advanced studio problems will be investigated. Variable credit may be earned.
Prerequisite: ART 110 And ART 121

ART 452 (3-0-6) Ceramics IV: A studio course in advanced ceramics emphasizing formulations of clay bodies and glazes. Advanced wheel throwing, sculpturing, and combining materials. Instruction in kiln repair will be covered.
Prerequisite: ART 222 Or ART 231 Or ART 375

ART 453 (3-0-6) Directed Study in Ceramics V: An advanced directed study in ceramics which explores and emphasizes innovative utilization of slab, coil, and wheel throwing methods. Electric and gas firing, decorative, personalized, advanced glazing, and formulation of techniques will be integral parts of this course.
Prerequisite: ART 222 Or ART 231 Or ART 375

ART 461 (3-0-6) Advanced Photography: A course providing additional and advanced experiences in photographic production through the mastery of photo materials and equipment, with emphasis on visual literacy, the aesthetic manipulation of compositional elements, and successful photographic production.
Prerequisite: ART 250

ART 462 (3-3-0) American Art: A course that covers the history of painting, graphics, sculpture, and architecture in American history.
Prerequisite: ART 210

ART 473 (3-0-6) Advanced Metals: This course builds on the basic techniques of casting and fabricating metal sculptures. Application of advanced three-dimensional design principles, mixed media, finishing techniques and patinas are explore.
Prerequisite: ART 231 And ART 366

ART 481 (3-3-0) Computer Design Multimedia: This course introduces students to interactive art, a form that allows the viewer or user to interact with visual communication. Students will be challenged to produce interactive art through the use of two types of software: PowerPoint and MacroMedia.
Prerequisite: ART 123 And ART 330 And ART 352

ASTR 111 (4-3-2) Astronomy I: An introductory course in the science of astronomy, with emphasis on the investigation of nearby space , including the sun, moon, and planets, and with laboratory exercises illustrating the scientific methods and techniques used in gathering information about the planets, moons, and other objects in the Solar System.
Prerequisite or Corequisite: MATH 123

ASTR 112 (4-3-2) Astronomy II: An introductory course in the science of astronomy, with emphasis on the investigation of distant space; the physical nature of stars, galaxies, black holes, and quasars; and on techniques used to gather information about these objects, with laboratory activities illustrating data gathering and interpretation techniques related to stars and galaxies. Students may enroll in ASTR 112 before completing ASTR 111.
Prerequisite or Corequisite: MATH 123; Prerequisite: ASTR 111 (unless permission is granted by the instructor to take ASTR 112 before ASTR 111)

BADM 200 (3-3-0) Principles of Business: This course provides students with a basic study of business activity and how it relates to the economic society. The course is designed to help students develop a basic understanding of the areas of economics, management, marketing, accounting, and finance.

BADM 209 (3-3-0) Legal Environments of Business: An overview of law and the legal environment of business, emphasizing those parts of law necessary to understand and appreciate the regulatory role of government and including such topics as constitutional law, contracts, torts, business ethics, business organizations, and government regulations.
Prerequisite: ENGL 110 And PHIL 110

BADM 210 (3-3-0) Introduction to Global Literacy: An introduction to a survey of the theoretical and institutional intricacies of global literacy, with a focus on the special knowledge and skills critical to all engaged in the day-to-day interactions and administration of business enterprises and governmental organizations with overseas relationships.

BADM 214 (3-1-2) Microcomputer Applications in Business: This course is designed to develop an understanding of the computer as a business and personal tool. Students will get a working knowledge of a variety of software programs such as spreadsheets, word processing, databases, and presentations. Projects that simulate business applications are provided.

BADM 215 (3-3-0) Business Communications: A course that presents a scientific approach to the analysis and resolution of business problems through business letters, memoranda, and researched analytical reports. Other topics of study include nonverbal communication, business ethics, office automation, employment procedures, international business, and oral and listening skills.
Prerequisite: ENGL 120

BADM 216 (4-4-0) Statistics for Business and Economics I: This course introduces statistical principles for business and economics applications. A study of multiple regression methods, analysis of variance, chi-square and elements of sampling, with training in statistical analysis with computer-based applications.
Prerequisite: MATH 140

BADM 220 (3-3-0) Ethics in a Contemporary World: A study of the major theories of ethics and civic engagement. A core course developed to address the problems, questions, and dilemmas arising in business. This course offers an introduction into the classical and contemporary theories of morality, ethics, and civil engagement. It places emphasis on the development of moral reasoning skills that allow for meaningful analysis.

BADM 312 (3-3-0) Statistics for Business and Economics II: A study of multiple regression methods, analysis of variance, chi-square tests, elements of sampling, quality control, and index numbers, with training in statistical analysis with computer-based implementation.
Prerequisite: BADM 216

BADM 352 (3-3-0) Blacks in Contemporary Capitalistic Society: A study of racial issues considered within the context of American capitalism. This course emphasizes innovative techniques and procedures aimed at improving conditions for minorities and focuses on topics such as finance, business ownership, internal operations, salesmanship, banking, and managerial techniques.

BADM 412 (3-3-0) Business Law: A study of the basic concepts of law applicable to the business profession and business endeavors, covering such topics as contracts, torts, commercial paper, agency, property, business organizations and constitutional protection.
Prerequisite: BADM 209

BADM 430 (3-3-0) Business Internship: A course providing students with practical experience in approved business positions, including a seminar for formal evaluation of their work experience. Program

must be arranged in advance and approved by the department chairperson; course is not open to students with credit from any similar program in the institution. This course is cross listed with ECON 450 and FINC 453.

BADM 490 (3-3-0) Seminar in Business Administration: A course involving various subject matters as deemed by the business faculty to be appropriate to the needs of the student in meeting the objectives of the business degree program.

BICH 411 (3-3-0) Biochemistry I: An introductory course that provides a theoretical basis for the major principles in biochemistry. The course includes an historical perspective of biochemistry, and a study of the four major biological macromolecules: proteins, lipids, carbohydrates, and nucleic acids. Three major areas of biochemistry will be emphasized: (1) acid/base equilibria; (2) structure and function of bio-molecules; and (3) biological information flow. In addition to lectures and discussions, problem sets will be assigned to equip students with an understanding of basic biochemical principles and to promote critical thinking and problem solving skills.
Prerequisite: BIOL 150 And (CHEM 220 Or CHEM 223)

BICH 412 (3-3-0) Biochemistry II: A study of bioenergetics, biosynthesis of major biological macromolecules, and metabolic pathways in animals, plants, and microbes. Emphasis will also be placed on methods of purification and analysis of biological macromolecules and applications of basic biochemical principles to living systems. In addition to lectures and discussions, problem sets will be assigned to equip students with an understanding of basic biochemical principles and to promote critical thinking and problem solving skills. The course content will be correlated with the laboratory exercises in the co-requisite Biochemistry laboratory (BICH 421).
Prerequisite: BICH 411 Or BICH 421

BICH 421 (1-0-1) Biochemistry Laboratory: The application of biochemical principles and techniques to the separation, purification, and analysis of biological substances, and to the investigation of metabolic activity.
Prerequisite: BICH 411 And BICH 412 (may be taken concurrently)

BIOL 110 (4-3-2) General Biology I: An introductory study of concepts relating to the origin of organisms: cell history, reproduction, structure and function; atomic and molecular structure of the cell; energy relations; structure, composition and systematics of major organic compounds; sexual and asexual reproduction; and genetics and evolution. Includes two (2) hours of lab consisting of qualitative experiments illustrating biological principles and basic laboratory techniques.

BIOL 130 (4-3-2) General Biology II: A study of ecology and of systems regulating and supporting the metabolism of organisms. Includes two (2) hours of lab consisting of qualitative experiments in ecology, classification, and the physiology of organisms.
Prerequisite: BIOL 110

BIOL 150 (4-3-2) Principles of Biology I: The study of the major principles relating to the nature of organisms, with emphasis on molecular, cellular, genetic, and evolutionary concepts, and with two (2) hours of lab consisting of experiments on the analysis of the chemistry of cellular and related materials.
Prerequisite: MATH 123 or higher level of MATH

BIOL 160 (4-3-2) Principles of Biology II: The study of the major principles relating to the nature of organisms, with emphasis on evolution, introducing the diversity and complexity of life at the macro-scale (survey of kingdoms and phyla). The course will include two (2) hours of lab consisting of observations and

dissections of both plant and animal species and stressing the relationship between form and function.
Prerequisite: BIOL 150

BIOL 200 (4-3-2) Cellular Biology: An examination of cell structure in relation to function, including studies of biochemistry, cytogenetics, physiology, reproduction, and the evolution of animal, plant, and bacterial cells.
Prerequisite: BIOL 150 And CHEM 141 And CHEM 142 (may be taken concurrently)

BIOL 225 (3-3-0) Scientific Communication: A course designed to introduce students to the principles of oral and written communication. Students will learn how to read, critique, and write a scientific paper; how to conduct literature searches; and how to prepare and present an oral scientific talk. In addition, the ethical issues related to scientific communications and scientific integrity will be discussed.

BIOL 255 (4-3-2) Principles of Microbiology: A course designed to introduce the structure, diversity, physiology, metabolism, and genetics of microorganisms. The role of microorganisms in disease and human health will be explored. Fundamental concepts of immunology, epidemiology, microbial pharmacology, and antibiotic resistance will also be covered. The course includes two (2) hours of lab consisting of applications of essential microbiological laboratory methods. An understanding of experimental design, scientific writing skills, and aseptic technique will also be assessed in lab. This course is designed for nursing and pre-nursing majors only. No other major at Fayetteville State University is permitted to use BIOL 255 to fulfill Natural Sciences requirements. Only nursing and pre-nursing majors are permitted to use BIOL 255 to fulfill support course requirements. This course does not meet the Microbiology course requirement for Biology, Biology Education, Biotechnology, Forensic Sciences, or pre-professional degree programs.

BIOL 320 (1-0-2) Biology Seminar: A course involving discussions of current topics in modern biology. Student presentations of papers on special issues in biology should be expected.

BIOL 325 (3-2-2) Molecular Biology: An in depth study of the structure, function, and biochemistry of proteins and nucleic acids. Isolation, purification and structural modification of DNA and protein in laboratory exercises will be utilized to provide an understanding of the various DNA/protein methodologies and their applicability to forensic science. This course is cross listed with FORS 325.
Prerequisite: BIOL 200 And CHEM 222 And CHEM 223 And CHEM 224

BIOL 330 (4-3-2) Microbiology and Immunology: An introduction to the structure, physiology, ecology, and immunological host relationships of prokaryotes and other microorganisms, with two (2) hours of lab consisting of applications of microbiological and immunological techniques.
Prerequisite: BIOL 200 And CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162

BIOL 350 (4-3-2) Ecology/Evolution: A study of mechanisms governing the process of organic evolution, evolutionary relationships among living and extinct organisms, and the interactions between organisms and their environment, with two (2) hours of lab consisting of an observational/experimental study of the concepts of evolution and ecology.
Prerequisite: BIOL 200 And ZOOL 310

BIOL 430 (3-3-0) Special Problems: A course involving guided scientific research, field studies, or other special projects.

BIOL 431 (3-2-2) Population Genetics: A study of genetic and ecological forces that influence the structure of populations with two (2) hours of laboratory exercises and experimental studies. Students will

evaluate the effects of random genetic drifts, mutations, natural selection, inbreeding, assortative mating, molecular evolution and quantitative/ecological genetics on populations. This course is cross listed with FORS 431
Prerequisite: ZOOL 310

BIOL 490 (4-3-2) Radiation Biology: An introductory course for science majors on the nature and use of radioisotopes, with two (2) hours of lab consisting of basic experiments with radioisotopes using the latest instrumentation.
Prerequisite: BIOL 150 And MATH 241 And CHEM 211 And CHEM 212

BIOL 499 (4-3-2) Senior Capstone Experience: Senior Capstone Experience is a course involving guided scientific research, field studies, and other special assignments. The course serves to give students guided experience in scientific research. Students will be trained to critically review literature, design and conduct experiments, and present their findings in a research paper and presentation.
Prerequisite: Senior status or instructor permission

BOTN 210 (4-3-2) General Botany: An introduction to the morphology, anatomy, physiology, reproduction, taxonomy, and ecology of higher plants, fungi, and algae, with two (2) hours of lab consisting of observation interpretation of the morphology and structure relating to the function, identification, and adaptation of higher plants, fungi, and algae.
Prerequisite: BIOL 200

BTCH 210 (3-3-0) Introduction to Biotechnology: An introduction to the fundamentals of biotechnology and career options emphasizing the types of biotechnology workplaces and their unique requirements. The course includes a study of the use of mathematics, principles of instrumentation used, and analysis of measurements, solutions, centrifugation, spectrophotometry, chromatography, and electrophoresis. The importance of laboratory safety and precision will also be stressed.

BTCH 220 (4-1-3) Biotechniques I (formerly BTCH 420): A laboratory course in basic biotechnology theory, skills, and applications. Includes spectrophotometry, gel filtration chromatography, gel electrophoresis, DNA isolation, Restriction enzyme digestion, genetic engineering, DNA fingerprinting, Southern and Western blot analysis.
Prerequisite: BIOL 200 Or CHEM 161 And CHEM 162

BTCH 230 (4-1-3) Biotechniques II (formerly BTCH 430): A laboratory course teaching biotechnology theory, skills, and applications. Includes DNA sequencing, PCR, immunology, cell culture, separation technology, principles of fermentation technology, basic aptitudes for the biotechnology industry.
Prerequisite: BTCH 220 (formerly BTCH 420)

BTCH 310 (3-3-0) Immunology: Examines the components of the immune systems, immune responses, immune effectors, and immune diseases. Methods used in experimental studies of immunology are also introduced.
Prerequisite: BIOL 200 (may be taken concurrently)

BTCH 320 (3-3-0) NanoBiotechnology: This introductory course is designed to explore applications of nanotechnology to biotechnology. Nanotechnology deals with materials and devices that are or have structures of a size between 1 to 100 nm. Students will be introduced with the nano-based labeling technologies, fabrication strategies, nanofoods and nanotoxicology. Design and working of the nanodevices will also be discussed for applications in therpeutics, agriculture, food and diagnostic areas. A thorough understanding of DNA proteins, carbohydrates and lipid molecules is expected of the students.

Prerequisite: BIOL 200

BTCH 340 (4-3-2) Toxicology: Introduces the principles of toxicology. This course covers general concepts underlying the absorption, distribution, metabolism, action, and excretion of xenobiotics and the consequences to biological systems following exposure of toxicants, particularly the relevance to human health.
Prerequisite: CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162

BTCH 350 (3-3-0) Advanced Biomolecular Science: A seminar course which discusses pioneering and cutting edge research in molecular biology, cell biology, and developmental biology. Students will also be introduced to basic tools of biomolecular science.
Prerequisite: BIOL 200 And CHEM 141 And CHEM 142

BTCH 360 (4-3-2) Molecular Genetics: A study of the molecular definition of genes, gene sets, and gene expressions, with applications of gene functions to health, disease, and molecular evolution. Methods of gene analysis are studied with special reference to the human genome project and current genomic research.
Prerequisite: BIOL 200 Or ZOOL 310 Or consent of the instructor

BTCH 410 (3-3-0) Biotechology Seminar: Discusses current topics and current research in biotechnology. Also includes review of the requirements and ethics of the biotechnology workplace and laboratory. Presentations will be required.

BTCH 425 (3-3-0) Bioinformatics: Introduces bioinformatics using computational methods to analyze and help interpret the content of large volumes of biological data generated by genome sequencing, DNA micro-arrays, proteomics, metabolites and metabolic fluxes. The computational methods used in this course include analysis of sequences, gene clustering, and pattern recognition/discovery in large scale expression data. Application of bioinformatics to drug design, and biotechnology will be discussed.
Prerequisite: BIOL 200 And (CHEM 220 Or CHEM 223)

BTCH 435 (4-3-2) Plant Biotechnology: This course provides an introduction to the theory, application, and techniques that are involved in plant cells and tissues and in the micro-propagation process. The course will also focus on the use of techniques in molecular biology in the study, development, and improvement of various plant species.
Prerequisite: BIOL 200 Or BTCH 230

BTCH 440 (4-1-5) Tissue Culture and Hybridoma: A laboratory course which teaches techniques for the establishment, assay, and maintenance of a variety of types of cells, tissue and hybridoma cultures.
Prerequisite: BIOL 200 Or BTCH 430

BTCH 450 (3-3-0) Problems in Biotechnology: A course designed to give students interactive exposure to and experience in biotechnology environments. Credit may be earned (with instructor approval) through one or more of the following: internships or cooperative experiences in biotechnology related sites, research project studying a biotechnology problem/question, research paper on a controversial biotechnology issue or procedure, or approved online or on-site course from on-site bio-works/biotechnology workplace programs. The course will also include a seminar sequence on workplace issues and ethics supported by on-site interview.

BTCH 460 (4-2-2) Introduction to Genomic Science: This course offers an introduction to the emerging field of genomics. The term "genome" describes the structure and content of the genetic make-up of an

organism. Genomic science covers the study of the structure, organization, and function of genomes. Students will learn about the human genome project and related genome projects; sequence databases and analysis tools; functional genomics; and systems biology. Class lectures will be supplemented with hands-on laboratory and computer exercises.
Prerequisite: BIOL 150 Or BTCH 360 Or BIOL 325 or the consent of the instructor

BTCH 490 (4-0-8) Research in Biotechnology: This course gives biotechnology students the opportunity to develop the skills needed to conduct research with minimum supervision. Students learn how to design an experiment, collect scientific information, prepare an outline of procedures, initiate the project, conduct the experiments specified, write a comprehensive scientific report, and make a presentation on the findings of the project. Biotechnology students in their Junior or Senior year will be eligible to enroll in this course. Students will work with a mentor willing to provide guidance and oversee the research project.

CHEM 101 (4-3-2) Introduction to Chemical Principles: A one semester course directed at non-chemistry majors that provides an introduction to general chemistry, and the fundamentals of biological chemistry. The course with its laboratory activities introduces states of matter, atoms and bonding, chemical reactions, stoichiometry, mole concept, gas laws, pH and acid-base chemistry, and nuclear chemistry.
Prerequisite: MATH 123 Or MATH 129

CHEM 102 (4-3-2) Introduction to Organic and Biochemistry: A one semester course directed at non-chemistry majors that provides an introduction to organic chemistry and principles of biochemistry. This course with its laboratory activities, introduces hydrocarbons, organic functional groups, amino acids, nucleic acids, protein, fat, carbohydrate, and discusses the chemistry involved in metabolic pathways and energy production.
Prerequisite: CHEM 101

CHEM 120 (3-3-0) The Atom and Bonding: A non-mathematical study of atomic structure, elementary nuclear theory, the periodic table, bonding, valence, hybridization, and molecular and crystal structure. Corequisite: MATH 123.
Prerequisite: MATH 123 (may be taken concurrently)

CHEM 130 (4-3-3) Stoichiometry: The study of stoichiometry, gas laws, thermochemistry, and the balancing of chemical equations, with laboratory activities investigating mole-mass relationships, gas laws, and measurement of thermochemical phenomena.
Prerequisite: CHEM 120 And MATH 123

CHEM 141 (3-3-0) General Chemistry I Lecture: The first course of a two semester sequence in introductory chemistry that studies measurement and uncertainty, atomic structure, nomenclature, stoichiometry, types of reactions, solution concentrations, gas laws, thermochemistry, electronic configuration, periodic properties of the elements, and chemical bonding (including molecular geometries).
Prerequisite: MATH 129

CHEM 142 (1-0-3) General Chemistry I Laboratory: This laboratory course that accompanies CHEM 141 introduces laboratory techniques, physical properties, stoichiometry, gas laws, and types of chemical reactions. Safe laboratory techniques and the writing of quality laboratory reports will be emphasized.
Prerequisite: MATH 129.

CHEM 161 (3-3-0) General Chemistry II Lecture: The second part of a two semester (one year) course in college level chemistry. The course investigates kinetics, chemical equilibria, acid-base equilibria, solubility equilibria, thermodynamics, and electrochemistry.

Prerequisite: MATH 130 And CHEM 141 And CHEM 142

CHEM 162 (1-0-3) General Chemistry II Laboratory: This continuation of the General Chemistry I Laboratory (CHEM 142) investigates solution properties, kinetics, chemical equilibria, acid-base equilibria, solubility equilibria, thermodynamics, electrochemistry, and qualitative and elementary quantitative analysis.
Prerequisite: MATH 130 And CHEM 141 And CHEM 142

CHEM 205 (4-4-0) Chemical Process Principles: An introduction to material and energy balance principles for chemical systems. Topics include fluid density, flow rate, chemical composition variables, pressure, and temperature. Students will be able to approach problems from a chemical engineering standpoint, including problems involving recycle, bypass, and reactive processes.
Prerequisite: Grade of C or better in MATH 241, PHYS 211, and CHEM 211 and 212 or CHEM 223 and 224

CHEM 211 (3-3-0) Analytical Chemistry Lecture: A one semester course that investigates the principles of quantitative analytical chemistry and how these principles are applied in chemistry and related disciplines. Lecture and laboratory concentrate on tools, experimental error, statistics, quality assurance, calibration methods, systematic treatment of equilibrium, acid-base titration, EDTA titration, redox titration, gravimetric analysis, introduction to electroanalytical and spectrometric methods, concepts of analytical separation and application of Excel in analytical chemistry.
Prerequisite: CHEM 161 And CHEM 162

CHEM 212 (2-0-6) Analytical Chemistry Lab: A one-semester analytical chemistry laboratory course that investigates the principles of quantitative analytical chemistry and how the principles and techniques of classical methods (e.g., gravimetric, titrimetric, and redox) of analysis and some of the most common instrumental methods (e.g., spectrometric and separation techniques) are applied in chemistry and related disciplines. Laboratory experimentations will involve the use of these analytical techniques in the determination of substances in a variety of sample matrices.
Prerequisite: CHEM 161 And CHEM 162.

CHEM 220 (4-3-3) Principle of Organic Chemistry: A one-semester course in which the chemistry of the hydrocarbons (including aromatics) and monofunctional alkyl halides, alcohols, ethers, aldehydes, ketones, carboxylic acids (and their derivatives), and amines is surveyed. The course will conclude with an introduction to the chemistry of polyfunctional biomolecules. The laboratory will consist of the techniques used in the purification, isolation, and identification by physical properties of organic compounds and conclude with the utilization of these techniques in the preparation of organic compounds.
Prerequisite: CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162

CHEM 223 (3-3-0) Organic Chemistry I Lecture: A study of the nomenclature, synthesis, reactions and reaction mechanisms, and spectroscopy of hydrocarbons alkylhalides and alcohols, with laboratory exercises introducing techniques of isolation, purification, characterization, and synthetic methods in organic chemistry.
Prerequisite: CHEM 161 And CHEM 162

CHEM 224 (1-0-3) Organic Chemistry I Lab: A study of laboratory exercises introducing techniques in isolation, purification, characterization, and synthetic methods in organic chemistry.
Prerequisite: CHEM 161 And CHEM 162

CHEM 225 (4-4-0) Organic Chemistry II Lecture: A course investigating the nomenclature, synthesis, reactions and reaction mechanisms, and methods for analysis of functionally substituted organic compounds,

with laboratory activities extending the topics started in CHEM223 and emphasizing syntheses and technical writing.
Prerequisite: CHEM 223 And CHEM 224

CHEM 226 (1-0-3) Organic Chemistry II Lab: A course investigating the nomenclature, synthesis, reactions and reaction mechanism, and methods for analysis of functionally substituted organic compounds with laboratory activities extending the topics started in CHEM 223 and emphasizing syntheses and technical writing.
Prerequisite: CHEM 223 And CHEM 224

CHEM 227 (3-3-0) Chemical Process Systems: Introduction of mathematical and computational tools for analyzing chemical engineering problems. Sequential modular and equation-based simulation of steady-state chemical processes using advanced spreadsheet methods and multivariate root-finding algorithms. Material and energy balances on transient processes and their solution using analytical and numerical methods. Introduction to microscopic material and energy balances using the "shell balance" approach to develop the governing differential equations. Solutions to steady-state boundary value problems in heat conduction and Fickian diffusion.
Prerequisite: Grade of C or better in CHEM 205 And MATH 242
Corequisite: MATH 331

CHEM 310 (4-2-4) Instrumental Analysis: Principles of operation and application of modern chemical instrumentation used in analytical chemistry. Topics include statistics, spectrophotometry, mass spectrometry, Raman spectroscopy, nuclear magnetic resonance, electroanalytical, and separation science. Reinforcement of these techniques by practical experience, aspects of sample preparation, standardization, data acquisition and interpretation.
Prerequisite: CHEM 211 And CHEM 212

CHEM 313 (3-3-0) Physical Chemistry I: The first course in a two-semester sequence of calculus-based physical chemistry that investigates the properties of real gases, the three laws of thermodynamics, phase equilibria for single and binary systems, chemical equilibrium, electrochemistry, the transport properties of matter, the kinetic theory, and the application and derivation of integrated rate laws.
Prerequisite: CHEM 211 And CHEM 212 And MATH 241 And MATH 242 And PHYS 121 And PHYS 122 (may be taken concurrently)

CHEM 314 (3-3-0) Physical Chemistry II: The second course in a two-semester sequence of calculus-based physical chemistry, that provides an introduction to quantum mechanics and its applications to atomic and molecular structure and spectroscopy and investigates statistical mechanics as a bridge between microscopic and macroscopic worlds. Students will also be exposed to molecular reaction dynamics, including collision theory and activated-complex theory.
Prerequisite: CHEM 313

CHEM 321 (3-3-0) Thermodynamics and Equilibrium: A calculus-based study of the three laws of thermodynamics with derivation of equilibrium constants from chemical potential, Raoult's Law, the phase rule, and equilibrium electrochemistry including the Debye-Hueckle theory.
Prerequisite: CHEM 211 And CHEM 212 And MATH 241 And MATH 242 And PHYS 121 And PHYS 122 (may be taken concurrently)

CHEM 322 (3-3-0) Quantum Mechanics and Spectroscopy: A course investigating the wave-particle dilemma as resolved by the Bohr atom, Dirac wave mechanics, and Eigen values of the Schroedinger equation, with applications to atomic and molecular vibrational, rotational, and electronic spectra.

Prerequisite: CHEM 211 And CHEM 212 And MATH 241 And MATH 242 And PHYS 122

CHEM 324 (3-3-0) Kinetics: A study of change, including the transport properties of gases and liquids and electrical conduction. Starting with the kinetic theory of gases, the absolute rate theory and the collision theory are derived. Other topics include rates; mechanisms including complex mechanisms (consecutive, chain, branching, autocatalytic, and polymerizing); and the half-life of chemical reactions. Students will also be exposed to the steady-state approximation, and the study of the Arrhenius theory for calculation of activation parameters.
Prerequisite: CHEM 211 And CHEM 212 And MATH 241 And MATH 242 And PHYS 122

CHEM 325 (3-0-6) Physical Chemistry Laboratory: Laboratory investigations involving the determination of enthalpies, equilibrium constants, molecular mass, electromotive force, entropy, reaction rates and activation parameters, solution phenomena, conductance, and the gathering and quantitative interpretation of spectra.
Prerequisite: CHEM 313

CHEM 330 (3-3-0) Principles of Inorganic Chemistry: A focus on trends of inorganic reactions, structure, and properties of the elements and their compounds in relation to their position in the periodic table. Students will be able to rationalize and interpret most inorganic properties using qualitative models that are based on quantum mechanics, such as the properties of atomic orbitals and their use to form molecular orbitals. Modern organometallic compounds will be introduced, and the environmental impact of inorganic chemistry will be discussed. This course will consist of lecture and discussion sessions.
Prerequisite: CHEM 161 And CHEM 162

CHEM 390 (1-0-3) Research I: A detailed examination of topics and studies in chemistry in preparation for beginning a formal research project to be conducted in CHEM 491 and CHEM 492, culminating in a written and oral report.

CHEM 400 (3-2-2) Computational Chemistry: This class introduces students to different computational methods and models to study electronic structure of molecules and materials. The topics that will be covered include Hartree-Fock, density functional theory, Moller-Plesset perturbation theory, coupled cluster and semi-empirical methods such as Huckel and expended Huckel calculations. The laboratory activities include computational experiments to illustrate the applicability of computational methods to chemistry, bio-sciences, and materials chemistry. These experiments will be carried out on Linux and UNIX-based workstations.
Prerequisite: CHEM 225 And CHEM 226 And CHEM 314

CHEM 410 (1-0-3) Seminar in Chemical Literature: A detailed examination of the chemical literature on a relatively narrow topic for presentation of written and oral reports.
Prerequisite: CHEM 211 And CHEM 212 And CHEM 223 And CHEM 224

CHEM 421 (3-3-0) Inorganic Chemistry: An advanced study of descriptive and synthetic inorganic chemistry, structure, and bonding.
Prerequisite: CHEM 225 And CHEM 226

CHEM 422 (4-3-2) Bioanalytical Chemistry: A study of basic concepts of analytical chemistry applied to biologically oriented problems. Principles underlying instrumentation, automation, and laboratory computers used in solving bioanalysis problems are also examined. Methods include spectroscopy immunoassays, chromatography, electrophoresis, and mass spectroscopy. Further, biosensors, bioassays, DNA, and protein sequencing will be discussed.

Prerequisite: CHEM 211 And CHEM 212 And CHEM 223 And CHEM 224

CHEM 423 (3-3-0) Nanoscience and Nanotechnology: A comprehensive introduction to the rapidly developing field of nanoscience and nanotechnology. Topics cover properties of nanomaterials, synthesis of nanomaterials, characterization of nanomaterials, nanobiotechnology/nanomedicine and nanoelectronics.
Prerequisite: CHEM 211 And CHEM 212 And PHYS 122

CHEM 424 (3-3-0) Separation Science: The course introduces the modern physical and chemical techniques used for analytical separations. The primary theme of chromatography, includes gas chromatography, high performance liquid chromatography, and supercritical fluid chromatography. Other important analytical separation techniques to be discussed include capillary electrophoresis, field-flow fractionation, size exclusion chromatography, and chromatographic measurements of physicochemical, biochemical, and geochemical processes.
Prerequisite: CHEM 211 And CHEM 212

CHEM 430 (3-3-0) Special Topics in Chemistry: An advanced, structured investigation in one of the specialty areas of chemistry.

CHEM 431 (3-1-4) Qualitative Organic Analysis: An advanced introduction to the principles of classification and identification of organic compounds by traditional and modern analytic techniques.
Prerequisite: CHEM 223 And CHEM 224

CHEM 490 (4-1-6) Chemistry Research and Ethics: A capstone research course for seniors that offers a comprehensive examination of the Chemistry curriculum. The course provides detailed training in ethics education, literature reading and review, research planning, hands-on research practicing, lab reports, and oral/ written presentations. Students must adopt a research area and work with a research advisor.
Prerequisite: CHEM 310 Or instructor approval

CHEM 491 (2-0-6) Research II: Active, original research under one or more of the chemistry faculty.
Prerequisite: CHEM 390

CHEM 492 (4-0-12) Research II and Thesis: A continuation of research culminating in a written thesis and an oral presentation.
Prerequisite: CHEM 491

CHIN 110 (3-3-0) Elementary Chinese I: This course introduces the basics of Chinese language - the pinyin, characters and grammar. Students are expected to learn about 150 single characters and 200 compound words of modern standard Chinese. The course emphasizes speaking and reading as well as writing.

CHIN 120 (3-3-0) Elementary Chinese II: The course is designed to build up basic vocabulary for conversation, reading, and writing, and improve students' comprehension in speaking, listening, reading, and writing Chinese.
Prerequisite: CHIN 110

CHIN 210 (3-3-0) Intermediate Chinese I: The course is designed to enhance students' abilities in speaking, reading, and writing Chinese. Students will not only learn complicated conversations but also use vocabularies and sentence structures to discuss social and political issues. They will also learn to write narratives and short essays.

Prerequisite: CHIN 120

CHIN 220 (3-3-0) Intermediate Chinese II: This course is designed to continue to enhance students' abilities in speaking, reading, and writing Chinese. Students will not only learn complicated conversations but also use vocabularies and sentence structures to discuss social and political issues. They will also learn to write narratives and short essays.
Prerequisite: CHIN 210

CHIN 310 (3-3-0) Advanced Chinese I: This course is designed to further improve the students' reading and writing abilities as well as spoken ability in Chinese. Students taking the course will be exposed to essays, prose, movies, short novels, and poems in their original forms either in classical Chinese or modern Chinese. They will discuss these readings in class and then write their argumentation papers in Chinese.
Prerequisite: CHIN 220

CHIN 330 (3-3-0) Classical Chinese Literature: This survey course is examines the long tradition of Chinese literature, from its genesis to the mid-19th century before it was transformed under the influence from the West. We will look into the diversity and richness of this tradition while tracing its dramatic historical changes in a time period of nearly three thousand years. In addition to studying prose and poetry, we will also consider historical content as well as social and philosophical writings. Students are expected not just to learn the long and rich tradition but, more importantly, to reconstruct it through the texts they are to read and papers they are to write. All course materials are in English.

CHIN 331 (3-3-0) Modern Chinese Language: In this survey course, students will read key literary texts by important writers in modern Chinese writers, including Lu Xun, Yu Dafu, Ding Ling (Ting Ling), Shen Congwen (Shen Tsung-wen), Zhang, Ailing (Eilen Chang), and Wang Anyi. The course explores issues of nationalism, modernity and globalization as represented in Chinese Literature. By discussing these issues in literary contexts, students will gain a better understanding of cultural production and social change in modern Chinese history. All the texts are in English.

CHIN 332 (3-3-0) Cinema and Contemporary China: This course examines the technical, aesthetic, economical and historical interactions between contemporary Chinese cinema and contemporary Chinese society. Students will see the representative film works by contemporary Chinese directors from mainland China, Hong Kong, and Taiwan, and analyze the various cinematic styles in relation to the social and historical changes in which the films were made. They will also discuss such issues as modernity, nationalism, and globalization that the Chinese people have dealt with in contemporary China. For students learning the Chinese language, this course will also offer many authentic linguistic materials. All texts are in English and/or with English

COMM 201 (1-0-3) Communication Activities: Practical supervised training through participation in departmental performance laboratories. Up to three hours of credit in COMM 201 can be applied to the 18 hour credit concentration in Mass Communication. Additional COMM 201 credit will be accepted as free electives.

COMM 205 (3-3-0) Introduction to Communication: The study of communication in expediting learning, affecting social interaction and effective change, and an exploration of the components of interpersonal, small group, public and organizational communication.

COMM 210 (3-3-0) Introduction to Mass Communications: A survey of the role of mass media in modern society. The process, functions, responsibility and effects of various forms of mass communication

will be analyzed.

COMM 211 (3-3-0) Phonetics: A study of the production and transcription of phonetic symbols used in the International Phonetic Alphabet, with attention to general American speech and Career speech.
Prerequisite: SPEE 200

COMM 212 (3-3-0) Voice and Diction: A study of proper breathing for good voice production, pause, stress, intonation, and control of resonance. Emphasis is placed on improving phonation, enunciation, and articulation.
Prerequisite: SPEE 200

COMM 215 (3-3-0) Fundamentals of Journalism: This course presents the history and development of American journalism from colonial times to the present while focusing on its relationship to technical, political, social, and technological changes in America. Specific attention will be paid to events resulting in constraints to the media, attitudes of government toward the media, changes influenced by journalists and trends in journalism.

COMM 220 (3-3-0) Film & Video Appreciation: Examination of basic film and video media techniques and basic methods of analysis. Emphasis on understanding and appreciating film and video media as major forms of communication.

COMM 230 (3-3-0) News Reporting and Writing I: This course is designed to help students develop their niche for news reporting and writing. Students will be exposed to news gathering practices, write and report the news, and learn in unique styles of print as well as on-line journalism. It will explore the constant writing of news stories and emphasizes policy, principles, and concepts basic to the field of journalism.
Prerequisite: COMM 215

COMM 235 (3-3-0) Public Relations/Advertising: This course provides an introduction to the basic principles of public relations and advertising. Student will study the history and trends of the public relations and advertising industry focusing on principles, tools, techniques, practices, and ethics. Accepted standards used in public relations and advertising will be presented.

COMM 240 (3-3-0) News Editing: This course will focus on advanced and specialized public life news reporting for the print media. Employing sophisticated methods, including public records searches, computer-assisted reporting, and archival research, students will develop and polish their reporting and gain a greater understanding of how news is constructed in relation to institutions and people in public life. Students will learn the basis for crafting news stories that convey meaning as well as fact, and insight to the readers.
Prerequisite: COMM 215

COMM 250 (3-3-0) Presentation Technologies: A course offering students a detailed understanding of and specialized skills in the proper use of different presentation technologies. Students will be exposed to a wide variety of presentational media and will develop a critical awareness of these new media and their place in society. The overall goal is for students to learn how presentational technologies work, why they have become so instrumental in public communications, and when they are appropriate as a presentational strategy.
Prerequisite: SPEE 200

COMM 260 (3-3-0) Interpersonal Communication: A study of the process of communication, including functions, models, and theories, with an emphasis on self-disclosure, empathic listening, relational

communication, and conflict management.
Prerequisite: COMM 205

COMM 300 (3-3-0) Magazine and Feature Writing: This course works within journalistic standards to focus on the skills needed to write topical, in-depth, human interest stories. Students learn to gather materials through interviews, research, and observation while cultivating their own writer's "voice" for the creation of comprehensive articles for publication in newspapers, magazines, Internet sites, and other media. Students will examine the discursive implications of magazine and feature writing, newspaper, radio, computer, polling, and advertising technologies. Students will assume a concrete understanding of editorial, sidebars, graphs, charts, and other supporting elements that enrich a story.
Prerequisite: COMM 215

COMM 310 (3-3-0) News Reporting and Writing II: This course further develops research, organization, and composition skills for the production of professional-quality articles for publication in newspapers, magazines, Internet sites, and other media. The course will introduce students to the field of investigative journalism, including career prospects, ethical concerns, basic interviewing techniques, finding and following documented sources, and writing stories for maximum interest and impact. Students will practice organizing materials and writing with clarity and precision.
Prerequisite: COMM 230

COMM 311 (3-3-0) Public Speaking: A study of the principles of effective public communication, focusing on speech preparation and design, audience analysis, and speech presentation in a variety of public situations.
Prerequisite: SPEE 200

COMM 315 (3-3-0) Computer Mediated Communication: A class designed to initiate students to the field of study known as computer-mediated communication (CMC). Computers, their networks, and the content on them have significantly influenced our political, religious, commercial, personal, and professional lives. Students will explore both qualitative and quantitative scholarship that focuses upon the implications of online media in these settings.
Prerequisite: COMM 205

COMM 320 (3-3-0) Audio Production I: An introduction to the planning and production of audio in mass media, including practical studies of the uses of sound and the planning, scripting, rehearsing, and directing process of audio production.
Prerequisite: COMM 210

COMM 321 (3-3-0) Group Discussion: Training and practice in the effective exchange of opinions on selected topics, with emphasis on studying group interactions during the process of discussion and observing the effects of parliamentary procedures on the conduct of groups in discussion.
Prerequisite: COMM 205

COMM 330 (3-3-0) Writing For Mass Media: A survey of the various forms of written expression in mass media.
Prerequisite: COMM 205

COMM 332 (3-3-0) Problems in Media Communication: This course will examine contemporary problems of mediated communication, including gatekeeping, propaganda, agenda setting, cultural transmission, regulation and censorship, regulation and censorship, and commercialization. Students will examine the discursive implications of newspaper, radio, television, film, computer, polling, and advertising

technologies. Students will assume a rhetorical perspective to evaluate the role of these technologies in shaping public opinion and our perceptions of reality.
Prerequisite: COMM 210

COMM 340 (3-3-0) Community Journalism: This course will examine community journalism as a defined niche within mainstream journalism. It is designed to give students greater insight into the tools and skills needed to work at the community level. Course explores different forms of community journalism from small-town newspapers to new ideas of community, including virtual communities. This course will help students use traditional and new media tools to find sources and to report, gather, and disseminate stories of interest to specific audiences. This course will also introduce students to citizen journalism and how to interact with and leverage citizen journalists.
Prerequisite: COMM 215

COMM 341 (3-3-0) Health Communication: This course provides an overview of the various areas of study within the health communication field. The class explores multiple communication issues relevant to health, including language, information processing, the social construction of health and illness, doctor-patient communication, and the relationship between professionals, patients, friends, families, and cultural institutions. In addition, the class has a strong practical aspect; emphasis is placed on assignments that require students to engage in projects involving the application of theoretical knowledge acquired during lectures and individual readings.

COMM 350 (3-3-0) Telecommunications Management: A course exploring management functions in a telecommunications environment. Economic support patterns, programming, promotion, advertising, determination of community needs and facility operations will be covered.
Prerequisite: COMM 210

COMM 357 (3-3-0) Gender and Communication: This course is an intensive examination of topics and issues that come under the label of communication and gender. Topics range from wage inequality to gender symmetry, gender difference, sexual orientations, gendered patterns of communication, gender socialization, violence and gender, and social policies on gender.
Prerequisite: COMM 205

COMM 360 (3-3-0) Video Production I: An introduction to the elements of television production, including cameras, audio, staging, lighting, graphics, recording, and special effects.
Prerequisite: COMM 210

COMM 365 (3-3-0) Speechwriting: A comprehensive look at the history of and current trends in speechwriting in America with an emphasis on persuasion and the strategic employment of language. Students will learn and practice the art of effective speechmaking by studying both effective and inadequate models of oratory. Students will learn how to prepare various types of speeches for a variety of audiences and rhetorical situations, including how to manage new technologies in those situations.
Prerequisite: SPEE 200 And ENGL 120

COMM 367 (3-3-0) Electronic Broadcast Media Programming: An examination of the role of programming in electronic broadcast media in modern society and the analysis of the process, functions, responsibility, and effects of various forms of electronic broadcast media programming.
Prerequisite: COMM 210

COMM 370 (3-3-0) Communication Practicum: A practical study of an area of communications, with reading assignments supplementing course activities. Repeatable one time for Mass Communication

Concentration elective credit.

COMM 375 (3-3-0) Organizational Communication: Organizational Communication provides the student with a background in theory and research about communication within organizations. The course focuses on interpersonal communication within organizations, small group communication within organizations, leadership and management within organizations and communication conflict within organizations.
Prerequisite: COMM 205 And COMM 210

COMM 380 (3-3-0) Non-Broadcast Telecommunications Systems: An introduction to the use of telecommunications media in corporate, industrial, medical, educational, military, governmental and public service institutions.
Prerequisite: COMM 210

COMM 385 (3-3-0) International Communication: This course surveys the communication systems of the world focusing on major newspaper networks, broadcasting and film consortia, and the Internet. Theories of international communication are used to compare and contrast the communication systems of different nations.
Prerequisite: COMM 210

COMM 390 (3-3-0) Cable Communications: An examination of the cable television industry including technical aspects, franchising, programming, and government regulation.
Prerequisite: COMM 210

COMM 395 (3-3-0) Communication Theory: Theoretical paradigms within the communication discipline are surveyed with attention given to the assumptions that undergird theoretical traditions and the types of research questions that can be studied from within different theoretical perspectives. Several traditional theoretical perspectives are presented, including Aristotelian analysis, symbolic interactionism, pragmatism, and technological determinism, along with modern theoretical approaches such as constructivism, discourse theory, and critical cultural approaches.
Prerequisite: COMM 205 And COMM 210

COMM 400 (3-3-0) Advanced News Reporting and Writing: This course covers the process of gathering, writing, editing, and presenting the news on radio and television. Subject areas embrace the changing industry, finding the news, broadcast news writing mechanics, broadcast news writing style, the interview, writing broadcast copy, color, radio news, writing for the television newscast, delivering the news, broadcast news reporting, covering assignments, reporting planned events, reporting live, ethical issues, producing, hardware.
Prerequisite: COMM 230 And COMM 240

COMM 401 (3-3-0) Argumentation and Debate: A study of the process of argumentation, with special attention to the structure of argument, reasoning, and the nature of evidence.
Prerequisite: SPEE 200

COMM 410 (3-3-0) Communication Internship: A course providing students with opportunities for combining theory and practice by their arranging, outlining, and engaging in a program of practical experiences under the joint supervision of a communications organization or agency, and the course instructor. This course is repeatable for up to six hours of course credit.
Prerequisite: Junior Standing

COMM 425 (3-3-0) Rhetorical Theory and Criticism: This course focuses on basic rhetorical theory and a variety of rhetorical criticism methodologies. Students will study the importance of rhetoric as the field of study that investigates all forms of public persuasion. Students will learn about rhetoric as one of the oldest public professions and academic fields of study, the evolution of thought regarding rhetoric in society, how to conduct research in the field of communication using a rhetorical approach to communication, and how to apply these basic concepts in their own communication activities.
Prerequisite: SPEE 200 And COMM 205

COMM 430 (3-3-0) News and Public Affairs: A study of the principles, techniques, and forms of journalism, with students gaining experience in preparing, editing, and delivering news and public affairs materials for a variety of media.
Prerequisite: COMM 215

COMM 440 (3-3-0) Audio Production II: An advanced course in audio production techniques including remote setups, studio operations, and multi-track recording.
Prerequisite: COMM 320

COMM 450 (3-3-0) Telecommunications Law: Principles and case studies in communications law including constitutional guarantees, libel, privacy, contempt, privilege, copyright, and governmental regulatory agencies.
Prerequisite: COMM 210

COMM 460 (3-3-0) Video Production II: An advanced course in video production techniques providing a laboratory experience in production and direction of video projects.
Prerequisite: COMM 360

COMM 470 (3-3-0) Intercultural Communication: The course provides basic principles and rules for understanding intercultural communication and provides instruction on how to apply the principles when communicating in intercultural situations. The course also provides a wide range of examples and cases of communication practices in different cultures to increase the student's knowledge base about communication diversity in the world.
Prerequisite: COMM 205 And COMM 210

COMM 480 (3-3-0) Communication, Technology, and Society: This reading and discussion course is designed to examine the connections among communication, technological development, and society. Students will explore how persuasive communication has affected our perception and employment of technology in society and how those technologies have, in turn, affected public discourse and interaction. Students will adopt a rhetorical perspective in evaluating and understanding classical primary and secondary readings in technological and scientific discourse.
Prerequisite: COMM 205 And COMM 210

COMM 490 (3-3-0) Communication Research: The development of mass communication theory is studied with attention given to the emergence of major paradigms of theory including the development of process and effective perspectives, the development of social learning perspectives, the development of uses and gratifications perspectives, and the development of critical and cultural perspectives.
Prerequisite: COMM 395

COOP 431 (3-3-0) Cooperative Education I: A program integrating the classroom curriculum with planned periods of in-service professional work related to the student's declared major. Cooperative Education is offered on a competitive basis through the Student Academic Services Center in conjunction with the Academic Advisors, Department Chairpersons and Academic Deans. The students ordinarily begin

their first in-service experience at the end of the sophomore year.

COOP 432 (3-3-0) Cooperative Education II: A continuation of the cooperative work experience program.
Prerequisite: COOP 431 Or COOP 433

COOP 433 (6-6-0) Cooperative Education III: A program integrating the classroom curriculum with planned periods of full-time in-service professional work related to the student's declared major. Cooperative Education is offered on a competitive basis through the Office of Career Services & Placement in conjunction with the Academic Advisors, Department Chairpersons and Academic Deans. The students ordinarily begin their first in-service experience at the end of the sophomore year.

COOP 434 (6-6-0) Cooperative Education IV: A continuation of the cooperative work experience program.
Prerequisite: COOP 433

COOP 435 (6-6-0) Cooperative Education V: A continuation of the cooperative work experience program.
Prerequisite: COOP 434

CRJC 200 (3-3-0) Introduction to the Criminal Justice System: A survey course designed to familiarize students with the functions, structure, and organization of the agencies that are responsible for the administration of justice. Specifically, the course introduces students to the institutions and processes of law making and enforcement, the judicial system, corrections and the juvenile justice system.

CRJC 201 (3-3-0) Introduction to Law Enforcement: A study of the history and philosophy of local, state, and federal law enforcement entities in the U.S. with emphasis on the interdependence of law enforcement and other components of the criminal justice system. The course also examines the roles of the police in the administration of justice and the critical issues that affect law enforcement in contemporary society.

CRJC 202 (3-3-0) Legal Aspects of Criminal Justice: A study of procedural aspects of the legal process and administration of justice including constitutional rights, participants in court processes, rules of evidence and the exclusionary rule, and expert testimony.

CRJC 203 (3-3-0) Criminal Justice Ethics: A critical examination of the diverse ethical issues encountered in the American criminal justice system with a focus on comparing and contrasting the principles of moral philosophy and ethical theory to the practices of criminal justice agencies.

CRJC 210 (3-3-0) Introduction to Criminology: This course introduces students to the basic concepts and principles of criminology, an interdisciplinary field of study within the social and behavioral sciences. Students will explore trends and patterns in crime and delinquency and societal responses to these social phenomena.

CRJC 212 (3-3-0) Juvenile Justice System: A survey course designed to provide an overview of the juvenile justice system, with particular emphasis on the agencies, institutions, procedures, law, programs, and philosophies that guide the administration of juvenile justice.

CRJC 215 (3-3-0) Introduction to Criminal Courts: This course focuses on the structural outlay and philosophy of the court system, with special emphasis on criminal law and procedure, court processes, and structures, constitutional guarantees, the trial process, and the roles of judges, prosecutors, defense attorneys and juries.

CRJC 220 (3-3-0) Introduction to Corrections: This course examines the historical development, current changes, and future trends in correctional policies and strategies including analysis and evaluation of concepts and theories of retribution, deterrence, rehabilitation, incapacitation, and other purposes of correctional reform. Special emphasis will be placed on the underlying social, legal, and ethical issues that affect various correctional strategies.

CRJC 222 (3-3-0) Community Corrections: An in-depth theoretical perspective of the social, legal, and ethical issues which gave rise to the development of contemporary strategies of corrections in the community including programs such as probation, parole, other alternatives to incarceration, intermediate sanctions, and diversionary programs
Prerequisite: CRJC 200 And CRJC 220

CRJC 230 (3-3-0) Criminal Evidence: A course focusing on the various types of evidence used in both civil and criminal proceedings with emphasis on the rules governing the admissibility of evidence and the procedures for handling evidentiary issues in the courtroom.

CRJC 243 (3-3-0) Writing for Criminal Justice: Emphasis is placed on the development of writing skills required for careers in criminal justice, including various forms of correspondence, interoffice memos, informal reports, minutes of meetings, summaries, briefings, and presentations; proofreading, revising, and editing; writing for culturally diverse audiences; and criminal justice terminology.

CRJC 300 (3-3-0) Criminal Law: An involved philosophical analysis of criminal law principles and concepts focusing on both the procedural aspects and the substantive elements of the various crimes, criminal court decisions, and the practical application of such principles and concepts in the courtroom.
Prerequisite: CRJC 200

CRJC 302 (3-3-0) Prisons and Society: An advanced corrections course in which students explore the far-reaching impacts of prisons on society. The course examines the consequences of mass incarceration in the United States, not only for prisoners and ex-prisoners, but also for families and communities who have committed no crimes. The course further considers the impact of mass imprisonment on democracy and whether the social costs of incarceration have produced benefits to society in quality of life, safety, or justice.
Prerequisite: CRJC 220 And CRJC 200

CRJC 304 (3-3-0) Criminological Theory: This course exposes students to different theoretical perspectives in the study of crime and criminal justice. It acquaints students with various explanations that have been offered in an effort to understand criminal behavior and criminal justice practices within social contexts.
Prerequisite: CRJC 200 And PSYC 210 And SOCI 210

CRJC 305 (3-3-0) Race, Class, and Gender in Criminal Justice: A comprehensive examination of the concepts of race, class, and gender as determinants of the structure and function of the American criminal justice system, including the relationship between race, class, gender, and crime; issues of race, class, and gender discrimination; and the ideological and political debates that both integrate and segregate theories of race, class, gender, and crime.

Prerequisite: CRJC 200

CRJC 311 (3-3-0) Criminal Justice Organizations: Management and Administration: A theoretical course focusing on the organization, management, and administration of local, state, and federal criminal justice agencies with emphasis on how the structure and functions of such agencies affect the administration of justice.
Prerequisite: CRJC 200

CRJC 313 (3-3-0) Victimology: This course will explore the evolution of the victim's rights movement, treatment of victims by criminal justice and other social service agencies, theoretical explanations for victimization, repeat victimization, victim treatment in other parts of the world, and successful approaches to working with crime victims.
Prerequisite: CRJC 200

CRJC 314 (3-3-0) Criminal Justice Research Methods: This course covers the various methods of conducting quantitative and qualitative research. The emphasis is on research design, research instrument construction, data analysis, and reporting of results.
Prerequisite: CRJC 200 And CRJC 201 Or CRJC 215 Or CRJC 220

CRJC 315 (3-3-0) Criminal Justice Statistics: This course is an overview of the various statistics techniques used in criminal justice research. Topics include measures of central tendency, measures of dispersion, t-test, chi-square, regression, and correlation analysis. Emphasis is on testing hypotheses and interpretation of statistical results.
Prerequisite: CRJC 200

CRJC 325 (3-3-0) Drugs and Crime: This survey course will address the phenomenon of drugs and crime. Topics to be examined include the nature of drugs, drug use, and addiction; past and present-day trends and patterns in drug availability and use; theories of drug use and addiction; the theoretical and empirical relationship between drugs and crime; drug prevention and treatment programs and their effectiveness; and a review of drug control policies in the United States and selected other countries.
Prerequisite: CRJC 200

CRJC 333 (3-3-0) Police and Society: A study of the critical issues facing police officers and administrators in relation to police community relations in a diverse society, with particular emphasis on police history and role in society, discretion, and strategies.
Prerequisite: CRJC 201 And CRJC 200

CRJC 335 (3-3-0) Media and Crime: This course will explore the relationship between media and crime. Students will critically analyze various forms of media through the use of content analysis and case studies. The overall focus will be the social construction of perceptions of criminals, victims, and the criminal justice system, as well as how the media is used as a tool of social control and how it affects criminal justice policy.
Prerequisite: CRJC 200 Or PSYC 210 Or SOCI 210

CRJC 340 (3-3-0) White Collar Crime: A survey course designed to provide an overview of white collar crime, with an emphasis on the criminal and/or unethical or harmful acts of the rich and powerful. Specifically, the course explores the various types of white collar crimes, the characteristics of the offenders, the theories attempting to explain these acts, and the harm caused by them.
Prerequisite: CRJC 200

CRJC 345 (3-3-0) Criminal Justice Leadership: This course will examine criminal justice leadership, discretionary decision-making in criminal justice, critical incident performance, and the effects of stress on criminal professionals. Students will explore the history, major trends and theories, and implementation and practice of leadership principles in the criminal justice professions.
Prerequisite: CRJC 200

CRJC 351 (3-3-0) Special Problems in Criminal Justice Criminology: An advanced analysis of multiple interdisciplinary problems within the fields of criminal justice and criminology. Students will be introduced to a number of problems in criminal justice that do not receive in-depth attention in existing criminal justice courses. Specific topics to be chosen by instructor.
Prerequisite: CRJC 200

CRJC 355 (3-3-0) Crime Prevention: Theory and Practice: This course examines crime prevention in theory and in practice. This survey course will review theories of crime and justice with specific implications for efforts to prevent crime. Students will trace the evolution of crime prevention efforts. Most importantly, the course will review crime prevention strategies, ranging from those designed to protect the individual to those designed to protect society at large. A particular focus will be placed on techniques linked to the environmental criminology and situational crime prevention perspectives.
Prerequisite: CRJC 200

CRJC 361 (3-3-0) Comparative Criminal Justice: A theory-based comparison of the American criminal justice system with a number of selected criminal justice systems from around the world. Emphasis will be placed on how the social organization of a specific society affects the definition of crime and the administration of justice.
Prerequisite: CRJC 200

CRJC 370 (3-3-0) Special Topics in Criminal Justice: Students will examine one theme in-depth that is not addressed in great detail in another course. Topic will change based on the interests and expertise of the instructor and a student may retake the course to a maximum of nine credits with change of topic.
Prerequisite: CRJC 200

CRJC 380 (3-3-0) Sex, Sexuality, and the Law: This is a survey course designed to give students an overview of criminal law, civil law, and legal issues as they related to sex and sexuality. This class considers why certain behaviors come to be legal or illegal, how laws that regulate sex and sexuality affect our culture, and how criminal justice professionals confront issues of sexuality within the framework of the law. Though specific topics may vary by professor or current events, they may include sexual assault, prostitution, sex trafficking, pedophilia, sting operations, abortion, hate crimes, GLBTQ rights (for civilians and CJ professionals), sex registries, and pornography.
Prerequisite: CRJC 200

CRJC 400 (3-3-0) Sustainable Justice: A service learning course in which students examine theories, policies, and best practices surrounding efforts to create sustainable justice in communities that are hard hit by traditional criminal justice practices. Students will engage in community based research and service designed to help local community builders identify new public safety priorities and to help governmental agencies better tailor their resources to conditions in local communities and neighborhoods.

CRJC 402 (3-3-0) Restorative Justice: Restorative justice, in some form or another, has been practiced most likely since the dawn of humanity. Harms create obligations, the fulfillment of which offers the

possibility of healing for all. The purpose of this course is to expose students to the discourse on justice that prioritizes healing.

CRJC 429 (1-1-0) Internship Preparation Course: This course familiarizes students with issues related to the internship experience, such as finding an internship, preparing for the internship interview, learning about criminal justice in the field, being professional, understanding issues that may occur during the internship, successfully completing assignments, and ethics in the field. This course must be successfully completed before a student can register for CRJC 430, Internship in Criminal Justice.

CRJC 430 (3-3-0) Internship in Criminal Justice Systems: This course provides students with the opportunity to synthesize theory and practice in a supervised work environment in a criminal justice agency, with the students' progress and performance on the job monitored jointly by the agency head and the course instructor.
Prerequisite: CRJC 429

CRJC 450 (3-3-0) Seminar in Criminal Justice: This course is designed to provide criminal justice majors with a capstone experience emphasizing integration of knowledge acquired in previous courses on the institutions, policies and practices of criminal justice. Students engage in the development and production of a senior level research paper grounded in relevant criminal justice literature.
Prerequisite: CRJC 200 And CRJC 201 And CRJC 215 And CRJC 220 And CRJC 304 And CRJC 314

CRJC 460 (3-3-0) Researching Criminological Theories: This is an advanced course emphasizing the research literature on major theoretical perspectives in the field of criminal justice. Students will assess the methods used, pointing out the advantages and disadvantages of those approaches. This course will be a critical evaluation of the research methods that generate data, bridging the gap between theory and research in the study of crime and deviant behavior. Students will examine the processes and challenges of conducting theoretically directed research with a focus on sampling, measurement, and analytical issues.
Prerequisite: CRJC 304 And CRJC 314 And (CRJC 315 Or STAT 202 Or PSYC 233 Or SOCI 331)

CRJC 490 (3-3-0) Independent Study: This course allows students to examine an area of criminal justice not otherwise covered by the Department of Criminal Justice.
Prerequisite: CRJC 200

CSC 100 (3-3-0) Introduction to Computers: This course covers fundamental concepts of computers and their applications using personal computers in stand-alone and networked environments, including the use of software for word processing, presentations, spreadsheets, and databases. Majors in computer science will not receive credit for this course.

CSC 101 (3-3-0) Computer Programming Language (FORTRAN): This course is an introduction to FORTRAN, a problem-oriented computer language for use in scientific and mathematical problem solving.
Prerequisite: MATH 123 Or higher

CSC 102 (3-3-0) Introduction to Visual Basic: This course will introduce students to computing using Visual Basic with emphasis on business applications. The topics for the course will include Visual Basic programming, computer concepts in relation to management, the use of an Integrated Development Environment (IDE), flowcharts, algorithms, decision making, control structures, modules, windows programming, procedures and arrays.
Prerequisite: MATH 123 higher

CSC 104 (3-3-0) Introduction to Computer Science for Non-Technical Majors: This course explores topics of computer science for non-technical majors. The course covers the fundamental issues of networking, HTML, data representations, computers, algorithms, and programming. Students receive a solid grounding in the central concepts as well as in important uses of computing and information technology.

CSC 105 (3-3-0) Introduction to Computer Science for Technical Majors: This course is an introduction to the fundamental concepts and skills needed by students who anticipate majoring in computer science or other technical majors such as mathematics or a natural science. Topics include algorithms as models of computational processes, programming fundamentals such as data models and control structures, and the computing environment and its tools, such as basic hardware, editors, compilers, and debuggers.

CSC 120 (3-3-0) Introduction to Programming Methodology: This course is the first course of a two-semester sequence that provides an overview of programming methodology and program writing skills. Topics include basic concepts of computer systems, problem solving and algorithm development, program structures, data types, program development, method and style, coding, debugging, testing, and documentation.
Prerequisite: CSC 105

CSC 130 (3-3-0) Program Design and Implementation: This course is the second of a two-semester sequence that focuses on a disciplined approach to design, coding, and testing of programs. Topics include data abstraction, data structures, and searching and sorting algorithms.
Prerequisite: CSC 120

CSC 201 (3-3-0) Computer Organization and Architecture I: This course covers the relationship between computing hardware and machine language instruction sets, implementation of high level languages on the machine and some memory related issues. The study is organized into levels in the following order of topics: fundamental building blocks such as logic gates and flip-flops and combinational and sequential logic; machine level representation of data; basic assembly language, implementation of high level language constructs, addressing modes, compilation, assembly and interpretation; memory hierarchy; interrupts. Some real world computer systems and microprocessors are used as examples, along with their hardware and the organization of their instruction sets. Assembly language programming is studied in detail.
Prerequisite: CSC 130 And MATH 150

CSC 202 (3-3-0) Object Oriented Programming in C/ C++: This course focuses on object oriented programming and software development strategies in C/C++ programming language. Material includes syntax and semantics of C/C++, memory management, file processing, and network programming. Directed projects in C/C++ are an integral part of the course.
Prerequisite: CSC 130

CSC 204 (3-3-0) Object Oriented Programming in Java: This course focuses on object-oriented programming and software development strategies. Material includes syntax and semantics of Java, file processing, and network programming. Directed projects in Java are an integral part of the course.
Prerequisite: CSC 130

CSC 205 (3-3-0) Programming for Geographical Information Systems: This course covers a wide variety of programming topics necessary for gaining the ability and knowledge to develop software applications in Geographical Information Systems (GIS). The course will teach knowledge of file types, database models, visualization and graphical user interface customization for databases. Hands on exercises on these topics will provide students with the practical knowledge necessary to build GIS applications on spatial and spatiotemporal databases. The course will also cover the use of dominant software in the GIS

industry and also how to build custom applications on such platforms using special purpose scripting languages.
Prerequisite: Permission of instructor

CSC 207 (3-3-0) Symbolic Programming: This course introduces the basic concepts and methods of symbolic programming. Symbolic programming involves the construction and analysis of complex symbolic expressions that can be used to represent different types of information. This course also introduces functional programming and logic programming as two widely used paradigms for symbolic computation. Course topics include recursion, list processing, tree processing, backtracking, unification and resolution.
Prerequisite: CSC 130 And MATH 150

CSC 209 (3-3-0) Windows Environment Programming: This course involves how to develop and program graphical user-interfaces (GUI) using current programming toolkits and GUI tools.
Prerequisite: CSC 130

CSC 220 (3-3-0) Data Structure/ Algorithms: This course explores data structures from various viewpoints: data structure design in response to a specific need, the expression of an algorithm in terms of the operations on the data structure, and complexity of operations. This course reinforces the knowledge of data structures gained in CSC 130 and extends it, particularly with regard to complexity of corresponding algorithms.
Prerequisite: CSC 130 And MATH 150

CSC 270 (3-3-0) Networking Basics: This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. It uses the OSI and TCP layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. Students build simple LAN topologies by applying basic principles of cabling, performing basic configurations of networks devices such as routers and switches, and implementing IP addressing schemes.

CSC 300 (2-2-0) Professional Practice in Computing: This course requires preparation and submission of a comprehensive report based on actual employment experience in a computer-science cooperative job or internship. This course is designed for course substitution for Cooperative Education courses, and it may be used only twice for a maximum of six credits. It may not be used twice in the same semester.
Prerequisite: Permission of instructor

CSC 303 (3-3-0) Computer Organization and Architecture II: The course is a continuation of CSC 201which covers many aspects of computer architecture and implementation. Topics covered include pipelining, instruction-level parallelism; advanced cache and memory-hierarchy design issues; design issues for shared memory multiprocessors; storage systems and design of input/output systems; architectural implications for networks and distributed systems. In this course a rigorous quantitative approach is taken to examine different system design tradeoffs.
Prerequisite: CSC 201

CSC 310 (3-3-0) Introduction to Numerical Method: This course focuses on computer techniques used to translate certain known computational algorithms into computer programs and on practice in use of existing mathematical library routines. Topics include linear systems of equations, curve fitting and interpolation algorithms for differentiation, solution of non-linear equations, solution of ordinary differential equations, and elementary discussion of errors.

Prerequisite: CSC 101 Or CSC 102 Or CSC 120 And MATH 241 And MATH 251

CSC 320 (3-3-0) Design and Analysis of Algorithms: This course provides a comprehensive introduction to the design and analysis of computer algorithms. Design techniques include divide-and-conquer, the greedy approach, and dynamic programming. Algorithm analysis topics include asymptotic notation, recurrence relations, time-space complexity, and NP-completeness. Algorithms for sorting, searching, hashing, and advanced data structures are examined.
Prerequisite: CSC 220

CSC 322 (3-3-0) Programming Languages: This course considers the principal programming language concepts and shows how they are dealt with in the design and implementation of traditional imperative languages, functional languages, logic languages, and object-oriented languages. Topics include history, virtual machines, representation of data types, sequence control, data control, data sharing, data type checking, run-time storage management, and distributed and parallel programming constructs.
Prerequisite: CSC 201 And CSC 207 And CSC 220

CSC 323 (3-3-0) Principles of Database Design: This course emphasizes the concepts and structures necessary to design and implement a database management system. It will acquaint the students with current literature on the subject and give them an opportunity to use a database management system. Topics include database concepts, hierarchical, network and relational data models, data normalization, data description languages, query facilities, file organization, file security, data integrity, and reliability.
Prerequisite: CSC 220

CSC 332 (3-3-0) Theory of Computation: This course covers basic theoretical principles embodied in formal languages, automata, computability, and computational complexity. Topics include finite automata, pushdown automata, non-determinism, regular expressions, context-free grammars, Turing machines, Gödel numbering, Church's thesis, the halting problem, unsolvability, and computational complexity.
Prerequisite: CSC 220

CSC 342 (3-3-0) Software Tools: This course covers software development on a specific platform such as Unix. Topics include general utilities, shell programming, file processing and manipulation, text patterns, software management facilities, linkers, loaders, debuggers, compilers, editors, filters, and macro processing.
Prerequisite: CSC 220

CSC 350 (2-2-0) Service Learning: Under the supervision of the Computer Science faculty, students will hold discussion sections for introductory computer science courses and will serve as tutors and assistants in the laboratories. Students will attend a weekly lecture section to become familiar with course materials, problem-solving skills, and approaches that will aid their tutoring and assisting introductory students in completing their assignments. One credit hour shall be awarded for each four (4) hours per week of laboratory assistance. The course may be repeated up to a maximum of six (6) credit hours. Course grade is either pass (P) or not pass (NP).
Prerequisite: 18 hours of CSC credit

CSC 360 (3-3-0) Intro to Computer Simulation: This course introduces simulation and modeling of systems with concentration on discrete stochastic systems. Topics include modeling and simulation techniques, Monte Carlo methods, queuing models, and computer simulation languages such as GPSS, and SIMSCRIPT. A simulation project is developed, completed, and presented by each student as a member of a project team.
Prerequisite: MATH 142 And proficiency in a programming language

CSC 371 (3-3-0) Routing Protocols: This course describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Students analyze, configure, verify, and troubleshoot the primary routing protocols RIPv1, RIPv2, EIGRP, and OSPF. Students complete a basic procedural lab, followed by basic configuration, implementation, and troubleshooting labs in each chapter.
Prerequisite: CSC 270

CSC 372 (3-3-0) LAN Switching and Wireless: The course explains how to configure a switch for basic functionality and how to implement VLANs, VTP, and inter-VLAN routing in a converged network. The different implementations of Spanning Tree Protocol in a converged network are presented. Students complete a basic procedural lab, followed by basic configuration, implementation, and troubleshooting labs in each chapter. Students develop the knowledge and skills necessary to implement a WLAN in a small-to-medium network.
Prerequisite: CSC 270

CSC 380 (3-3-0) Introduction to WAN (Wide Area Network): This course discusses the WAN technologies and network services required by converged applications in enterprise networks. The course uses the Cisco Network Architecture to introduce integrated network services and explains how to select the appropriate devices and technologies to meet network requirements. Students learn how to implement and configure common data link protocols and how to apply WAN security concepts, principals of traffic, access control, and addressing services. Finally, students learn how to detect, troubleshot, and correct common enterprise network implementation issues.
Prerequisite: CSC 371 And CSC 372

CSC 390 (3-3-0) Topics in Computer Science: This course is designed to cover contemporary topics of current interest and demands in computer and information science at the junior and senior levels. It may be repeated for credit with approval of department.
Prerequisite: CSC 220 or instructor permission

CSC 395 (1-1-0) Competitive Programming: This course provides intensive training in programming towards solving particular problems in a timely fashion. The skills obtained will be very useful in the workplace as well as programming competitions. Topics include: mathematical/ logical skills for problem solving; online programming references; restricted programming environments; and collaboration for problem solving.
Prerequisite: CSC 220
Corequisite: CSC 320

CSC 403 (1-1-0) Social, Ethical, and Professional Issues: This course discusses the impact of computers on society including people, business, and government. Topics include historical and social issues, security, privacy, professional responsibilities, risks and liability, and intellectual property.
Prerequisite: 18 hours of CSC credit

CSC 410 (3-3-0) Introduction to Compiler Design Theory: This course introduces basic mathematical theory underlying the design of compilers and other language processors, and the implementation of the theory in practical design situations.
Prerequisite: CSC 201 And CSC 220 And CSC 332

CSC 431 (3-3-0) Operating Systems I: This course is designed to develop an understanding of the organization and architecture of computer systems at the register-transfer and programming levels of system description. Major concept areas of operating systems principles and the inter-relationships between the operating systems and the architecture of computer systems are taught. Topics include system structure,

process concept, CPU scheduling, process synchronization, deadlocks, and memory management.
Prerequisite: CSC 220 Corequisite: CSC 201

CSC 432 (3-3-0) Operating Systems II: This course provides for the study of advanced software techniques, especially focusing on operating systems. It presents materials that will enable the student to design, use, and analyze current and future operating systems. Topics include I/O programming, interrupt programming, memory management, processor management, device management, design and implementation of operating systems.
Prerequisite: CSC 431

CSC 434 (3-3-0) Artificial Intelligence: An introduction to the history, goals, social impact, and philosophical implications of artificial intelligence. Topics include problem representation as state spaces, search, logic systems, semantic networks, frames, and neural networks. Identification of application areas such as natural language processing, expert systems, robotics, planning, and vision.
Prerequisite: CSC 207

CSC 451 (3-3-0) Computer Graphics: This course introduces hardware and software components of graphics systems, and graphic application programming. Programs to deepen understanding of interactive graphics, picture plotting and input handling in an integrated manner will be written. Topics include geometrical transformation, three-dimensional concepts, windowing, clipping, segmentation, logical interaction input methods, raster algorithms, algorithms for hidden surface and hidden line removal, and shading and color.
Prerequisite: CSC 220 And MATH 241 And MATH 251

CSC 470 (3-3-0) Software Engineering: This course introduces students to an intensive study of writing large programs, program design and programming style, and object-oriented development techniques in an attempt to manage the complexity of large software systems. Topics include principles of software engineering, object-oriented development, systems development, programming support environments, and software life cycles.
Prerequisite: CSC 220

CSC 473 (3-3-0) Parallel Processing: This course gives the students basic knowledge about parallel processing. Topics include hardware architecture of parallel machines; software environment that enables parallel computing; performance analysis of parallel algorithms; techniques for developing parallel algorithms; and case studies on typical parallel algorithms.
Prerequisite: CSC 220

CSC 480 (3-3-0) User Interface Development: A course on user-interface technology and human-computer interaction issues including user productivity, system habitability, abstraction barriers, and human factors. Topics include command languages, hierarchical menus, direct manipulation (graphical user interfaces), multimedia interfaces, multimodal interaction, and user interface management systems.
Prerequisite: CSC 220

CSC 490 (3-3-0) Senior Project: This course presents a formal approach to state-of-the-art techniques in computer science and provides a means for students to apply the techniques. An integral part of the course is the involvement of students working in teams in the organization, management, and development of a large project. Project topics include software systems and methodology, computer organization and architecture, theory and mathematical background, computer security and social issues.
Prerequisite: Senior standing And 9 hours of CSC at the 300 level And 6 hours of CSC at the 400 level

DANC 203 (3-3-0) Fundamentals of Dance: Beginning survey and participatory dance class that explores jazz, ballet, modern, and cultural dance styles.

DANC 204 (2-2-0) Survey of Dance Techniques: This is a dance technique course exploring dance training in ballet, jazz, and modern dance. This class will focus solely on dance technique. Students will learn to increase their endurance as well as distinguish dance styles, form, and vocabulary. Each section of this course will concentrate on the different aspects of dance technique and will enable students to improve their overall level of technical ability. Recommended for students who want to continue their dance training.
Prerequisite: Permission of instructor. This course can be taken more than once.

DANC 210 (3-3-0) Intermediate Contemporary Dance: For students who have previous training in dance (3 years or more), this course offers practice in modern and ballet techniques. The course also makes connections between jazz, cultural, and contemporary dance. Dance warm-up exercises are included to build strength, flexibility, coordination, and endurance.
Prerequisite: DANC 203 Or permission of instructor

DANC 255 (3-3-0) Dance History: This survey course emphasizes the historical, social, and cultural contexts of dance.
Prerequisite: HUMN 211

DANC 315 (3-3-0) Modern Dance: Explorations in Techniques and Theories: This course is for students interested in modern dance. Emphasis will be placed on exploring the historical and movement dynamics of various modern dance styles. Personal movement strengths and theatricality as well as performance presentation will be emphasized to develop learners into adept performers in the art of modern dance.
Prerequisite: Permission of instructor

DANC 320 (3-3-0) Cultural Dance for Contemporary Applications: Cultural Dance for Contemporary Applications: By exploring various dance exercises, this course analyzes the philosophical and rhythmic components of African, Caribbean, and Latin dance styles. Through an exploration of historical and social context, the course draws comparisons to contemporary dance genres, including hip hop, step, and liturgical dance. Emphasis will be on the participants' coordination, rhythm, musicality, and sense of ensemble. Students are expected to practice assignments outside of class. Previous dance experience helpful, as there will be movement repetition and corrections in class.
Prerequisite: DANC 203 Or DANC 210 Or permission of instructor

DANC 455 (3-3-0) Composition and Repertory: Workshop class intended to help students explore, define, learn, and create dances. Dance technique required in addition to rehearsals outside of class time.
Prerequisite: DANC 203 Or DANC 210 Or permission of instructor

ECON 200 (3-3-0) Entrepreneurship and the Economy: This course focuses on the logic of economic decisions. This course will look at what it takes to set up, manage, and grow new ventures. In the process, the course reviews economic decision making and provides a survey of basic economic concepts. This course is designed to teach students the decision skills necessary to negotiate their roles as consumers, savers, investors, voters, and above all, as productive citizens in a global setting.

ECON 211 (3-3-0) Principles of Macroeconomics: An examination of the basic concepts and principles of macroeconomics and their application to current domestic and international issues.
Prerequisite: MATH 123

ECON 212 (3-3-0) Principles of Microeconomics: An introduction to the subject of economics, with emphasis on microeconomic principles and their application to business decision making and current domestic and global issues.
Prerequisite: MATH 123

ECON 301 (3-3-0) Entrepreneurship and New Venture Creation: Using applied economics and business principles, this course focuses on issues that face entrepreneurs who start new enterprises or create new ventures within existing firms. The topics covered in the course include the evaluation of new venture ideas; the planning, formulation and implementation of strategies for creating new ventures and finally the evaluation of economic conditions and the financing of new ventures. This course is cross listed with ENTR 301.
Prerequisite: ECON 212 And ACCT 211

ECON 303 (3-3-0) Entrepreneurial Strategy and Opportunity Analysis: This course provides a foundation for the analysis of entrepreneurial opportunities. The course reviews a variety of strategic considerations derived from managerial economics, industrial organization and entrepreneurial finance in the context of specific entrepreneurship cases. This course is cross listed with ENTR 303.
Prerequisite: ACCT 211 and ECON 212

ECON 310 (3-3-0) Managerial Economics: An in-depth study of the managerial decision-making process and its tools, including such topics as forecasting demand, cost analysis, pricing, capital budgeting, and risk and uncertainty.
Prerequisite: ECON 211 And ECON 212 And MATH 140

ECON 315 (3-3-0) Intermediate Microeconomics: An in-depth study of the working of price mechanism within the framework of a free enterprise economy; a detailed examination of the behavior of consumers and firms, the theory of distribution, and welfare economics (with applications to international trade and personal income distribution).
Prerequisite: ECON 211 And ECON 212 And MATH 140

ECON 316 (3-3-0) Applied Macroeconomics: An in-depth study of theories of national income determination, employment, interest, inflation, balance of payments, exchange rate, fluctuations in the aggregate economic activity, and their relevance to managerial decision making.
Prerequisite: ECON 211 And ECON 212 And MATH 140

ECON 321 (3-3-0) Applied Econometrics: An Internet survey course designed to teach students the decision making skills necessary to negotiate their roles as consumers, savers, investors, voters, and above all, as productive citizens in a global setting. The course also emphasizes the practical aspect of economics and examines the microeconomic (individual) and the macroeconomic (aggregate) implications of decision making.
Prerequisite: MATH 140 And BADM 216

ECON 322 (3-3-0) Money, Banking and Monetary Policy: A formal examination of the role of money, banking, and financial institutions, as well as rudimentary discussion of monetary policy issues in the domestic and international economies. This course is cross listed with FINC 323.
Prerequisite: ECON 211 And ECON 212 And MATH 123

ECON 340 (3-3-0) Economic Development: An examination of the leading issues and theories of economic development and their relevance to the developing countries. The course will also examine some of the unique problems of businesses in these countries.

Prerequisite: ECON 211 And ECON 212 And MATH 123

ECON 351 (3-3-0) International Trade and Finance: A survey of the theories of international trade, balance of payment, exchange rate determination, international portfolio investment (including currency swaps, options and futures) international financial management (global cost, budgeting, and capital flows) and related monetary issues. This course is cross listed with FINC 354.
Prerequisite: ECON 211 And ECON 212 And MATH 123

ECON 430 (3-3-0) Economic Problems: An in-depth study of current economic and social problems and their implications for business and society. Among the issues covered are: crime and the justice system, poverty, discrimination in labor markets, health care and social security, as well as government antitrust policies and regulation of markets.
Prerequisite: ECON 211 And ECON 212 And MATH 123

ECON 432 (3-3-0) Industrial Organization and Public Policy: An analysis of industrial organization, vertical and horizontal relationships between firms, pricing, output, and advertising policies of firms in a variety of market structures, including a detailed study of the content, success, and failure of anti-trust legislation.
Prerequisite: ECON 315

ECON 440 (3-3-0) Seminar in Economics: The culmination of the undergraduate study of economics providing opportunities for students to apply knowledge and training to the analysis of current economic problems. Students select projects of their choice and work under the supervision of the instructor.

ECON 450 (3-0-0) Economics Internship: A practical course enabling students to apply their theoretical knowledge of economics/finance to real situations and to gain practical experience in business, financial industry, and government institutions. This course is cross listed with BADM 430 and FINC 453.

ECON 453 (3-3-0) Financial Markets: A course in macro finance which focuses on financial markets and financial institutions. Money and capital markets and their role in the savings investments process are considered. Topics such as the market for loanable funds, flow-of-funds accounts and securitization are covered.
Prerequisite: FINC 323 Or ECON 322

ECON 460 (3-3-0) Seminar in Entrepreneurship and New Venture Creation: Study and analysis of contemporary issues and entrepreneurship and the creation of new ventures: The issues covered in the course may include the economic theory of entrepreneurship, entrepreneurial opportunities and risks caused by economic change, the role of creativity and innovation in the economy, entrepreneurial strategy, the identification of new venture opportunities, and case studies of entrepreneurs and entrepreneurial ventures.

EDMG 400 (3-3-0) The Middle School: An introduction to the basic principles, policies, and philosophies that undergird middle school education in the United States. (Fall and Spring)
Prerequisite: Admission to teacher education and permission of instructor.

EDMG 433 (3-3-0) Methods and Materials of Teaching Mathematics in the Middle Grades: An introduction to the knowledge base, teaching strategies, materials, and resources basic to middle grades mathematics education. (Fall)
Prerequisite: Admission to teacher education and permission of instructor.

EDMG 461 (3-3-0) Methods and Materials of Teaching Language Arts in the Middle Grades: An introduction to the teaching strategies, resources, and materials basic to middle grades (6-9) education. (Fall)
Prerequisite: Admission to teacher education and permission of instructor.

EDMG 462 (3-3-0) Methods and Materials of Teaching Social Science in the Middle Grades: An introduction to the knowledge base, teaching strategies, resources and materials basic to middle grades social studies education. (Fall)
Prerequisite: Admission to teacher education and permission of instructor.

EDMG 463 (3-3-0) Methods and Materials of Teaching Science in the Middle Grades: A brief review of the scientific principles, laws, and concepts prescribed in the knowledge base for teachers of science in the middle grades (6-9), with emphasis on science units and lesson planning, laboratory demonstrations, experimental replication, and simulated teaching experiences. (Fall)
Prerequisite: Admission to teacher education and permission of instructor.

EDMG 470 (11-0-11) Student Teaching in the Middle Grades: An internship in the public middle schools providing prospective education professionals with opportunities to observe professionals in the classroom, to practice teaching under supervision, and to participate in all other activities expected of regular in-service teachers in their role as facilitators of learning. (Fall and Spring)
Prerequisite: Admission to teacher education and permission of instructor.

EDMG 498 (3-3-0) Middle Grades Capstone Course: Provides an opportunity for students to integrate discipline-specific knowledge into a culminating course and also to explore current research topics. Each student will produce an independent work that is supervised by a specialty area faculty member. The course is student centered, self-directed, and allows individual students to pursue focused research. The paper must provide evidence that the student's research shows depth of content knowledge, integration of cross disciplinary knowledge, the ability to think critically and creatively, and expertise within the subject's major discipline. Students will make a public presentation of their findings. (Fall)
Prerequisite: Admission to teacher education and permission of instructor.

EDUC 210 (3-3-0) Technology Applications for Teachers: This course is an introduction to computers, as well as to educational technology and its uses in the facilitation of learning. The course includes the history of computers in education; ethics in technology; appropriate hardware, software, and systems connectivity; elementary computer operating procedures; computer applications; teaching and learning theories for diverse populations; instructional technology; technology integration; web evaluation rubrics; and the evaluation of educational technology. The activities presented in this course will help the candidate to acquire essential education technology knowledge and to develop the skills necessary to become a professional facilitator of learning. (Fall, Spring, Summer)

EDUC 211 (3-2-1) Laboratory Experiences in Area Schools: An introduction to laboratory experiences in area elementary, middle, and secondary schools, providing facilitation opportunities for prospective education professionals to observe student-teacher interactions and to develop an understanding of learning in the school setting. Fifteen (15) hours of field experience and thirty (30) hours in the Plato instructional series are required. Documentation of Plato Profile is required. Performance on Plato Pre-Test will reduce the number of required Plato Lab hours/ supplemental instruction. (Fall, Spring, Summer)

EDUC 303 (3-3-0) Teaching the Young Child with Special Needs: The course offers the foundations of early childhood education along with pioneers in the special education field as the base for child development. Policies and practices, early and current are examined along with assessment planning and screening processes, intervention practices, teaching strategies and reflection. Further, the student candidate

will gain knowledge of the components needed to create an environment that supports all children's learning, teaching strategies and adaptations. Student candidates will engage in child study observations and develop two child case studies, conduct a parent interview. Thirty observation hours are included within the course.
Prerequisite: EDUC 308 And EDUC 350

EDUC 306 (3-3-0) Birth Through Kindergarten Curriculum Development: This course is geared for non-teaching Birth-Kindergarten students. The course covers child development for children aged birth-kindergarten and developmentally appropriate curriculum development for these ages. Other concepts introduced are the physical environment, teaching typical and atypical children, developing lesson plans, and teacher/parent relationships. Students will develop lesson plans and create an integrated approach to curriculum development.
Prerequisite: EDUC 350

EDUC 308 (3-3-0) Observation and Assessment in Preschool Education: This course is designed to focus on observation of young children, including techniques for recording observations and using them to inform instruction and parents. Emphasis is placed on understanding and using different assessment procedures and their purposes and limitations, including ongoing observation, data collection and analysis. Assessment techniques which support children's development and learning will be highlighted. Adaptations in assessments which are relevant to the children's backgrounds and values, health appraisal and referral practices as well as types of assessment specified in IEPs will be stressed. Observation, assessment, and reporting are treated as complementary process.
Prerequisite: EDUC 350

EDUC 309 (4-4-0) Infant and Toddler Curriculum Development and Field Study: This course will provide 21st century Birth-Kindergarten teacher candidates with content knowledge in infant and toddler development. BK student candidates will learn theoretical frames for infant and toddler development, strategies for teaching typical and atypical infants and toddlers, how to develop an appropriate curriculum, how to create adaptive environments, and the importance of working with families. The 60 hour field study allows the BK student candidate first hand field experience in infant and toddler early learning environments.
Prerequisite: EDUC 303 And EDUC 308 And EDUC 350 And PRAXIS I And a GPA of 2.5 or higher And Admission to Teacher Education
Corequisite: EDUC 314

EDUC 310 (3-3-0) Foundations of Education: A study of the origins, evolution, and interrelatedness of the principles and practices of disciplinary foundations of education and their influence on education. Field experience required. (Fall, Spring, Summer).

EDUC 311 (3-3-0) Foundations of Multicultural Education and Diversity: The facilitator of learning will explore the historical development of multicultural education, definitions of multicultural education and diversity concepts, the intercultural conflicts from philosophical cultural differences, and principles guiding multicultural education. (Fall, Spring, Summer)

EDUC 314 (4-4-0) Preschool Curriculum Development and Field Study: This course will provide 21st century Birth-Kindergarten teacher candidates with the content knowledge needed to work with typical and atypical children. The student candidates will learn theoretical frames in early childhood education that allow them to adapt environments that meet the needs of all children, develop an integrated approach to curriculum development, foster parent involvement, and develop a global sense in the early childhood field. The 60 hour field study offers needed hands on experience in preschool and kindergarten settings.
Prerequisite: EDUC 303 And EDUC 308 And EDUC 350 And PRAXIS I And a GPA of 2.5 or higher And Admission to Teacher Education

Corequisite: EDUC 309

EDUC 330 (3-3-0) Educational Psychology and Human Development: An exploration of psychological principles and their applications to the problems of teaching and learning, including characteristics of stages in human development, theories of motivation and learning, classroom management strategies, individual differences, exceptional children, and the measurement and evaluation of student achievement and teaching strategies. Field experience required. (Fall, Spring, Summer)

EDUC 331 (3-3-0) Instructional Design and Assessment of Learning: An exploration of instructional design and assessment principles and their application to the problems of teaching and learning, including the design of instruction; task analysis; curriculum development; instructional match; assessment of learning; types of assessment; and the alignment of curriculum, teaching, and assessment. (Fall, Spring, Summer)

EDUC 350 (3-3-0) Introduction to Birth through Kindergarten Education: This course is designed to provide an overview of child development and how the knowledge of growth and development is related to preparing appropriate experiences for birth through kindergarten children. Emphasis is placed on considering the child, family, and the community when planning curriculum experiences for preschool children.

EDUC 361 (3-3-0) Family Culture and School: This course is designed to help B-K professionals to understand the characteristics of families and the role families play in the lives of their children as their first teachers. Emphasis is placed on respecting different family structures, and values. Strategies for dealing with children with learning disabilities, home language i.e., especially language which is different from the B-K professional's language is stressed. Ethnicity, at-risk, socio-economic and health care services will also be discussed. B-K professionals will also develop strategies for getting parents involved in the school and their children's learning and development.

EDUC 400 (3-3-0) The Middle School: An introduction to the basic principles, policies, and philosophies that undergird middle school education in the United States.

EDUC 421 (3-3-0) Principles of Secondary Education: A comprehensive overview of the history and development of secondary education, the philosophy undergirding the knowledge base of the curriculum, and the influence of contemporary social forces in shaping the curriculum. (Fall and Spring)
Prerequisite: Admission to teacher education and permission of instructor.

EDUC 433 (3-0-2) Methods and Materials for Teaching Mathematics in Middle Grades: An introduction to the knowledge base, teaching strategies, materials, and resources basic to middle grades mathematics education.

EDUC 434 (3-3-0) Current Issues and Trends in Early Childhood Education: This course is designed to provide 21st century Birth-Kindergarten teacher candidates with a global perspective of economic and social contexts that concern young children and their families in today's society.
Prerequisite: EDUC 308 And EDUC 350

EDUC 440 (3-3-0) Guidance and Counseling Practicum: A practicum providing supervised counseling experiences in a true-to-life setting, with emphasis given to practical and applied aspects of counseling and various guidance activities.

EDUC 450 (2-2-0) Classroom Management: An introduction to strategies for facilitating learning through better classroom management, with emphasis on the role of parents in classroom management and on counseling techniques related to management strategies and parenting. (Fall and Spring)
Prerequisite: Admission to teacher education and permission of instructor.

EDUC 460 (3-3-0) Methods and Materials in Secondary School Subjects: A study of the objectives, materials, and teaching procedures designed to facilitate students' learning of secondary school subjects. (Fall, Spring)
Prerequisite: Admission to teacher education and permission of instructor.

EDUC 461 (3-3-0) Methods and Materials in Teaching Language Arts: An introduction to the teaching strategies, resources, and materials basic to middle grades (6-9) education.

EDUC 462 (3-3-0) Methods and Materials in Teaching Social Sciences: An introduction to the knowledge base, teaching strategies, resources and materials basic to middle grades social studies education.

EDUC 463 (3-3-0) Methods and Materials in Teaching Science: A brief review of the scientific principles, laws, and concepts prescribed in the knowledge base for teachers of science in the middle grades (6-9), with emphasis on science units and lesson planning, laboratory demonstrations, experimental replication, and simulated teaching experiences.

EDUC 464 (3-3-0) Methods and Materials in Health and Physical Education: An introduction to activities, teaching strategies, materials, and resources applicable to the physical education of students in grades K-12.
Prerequisite: Admission to teacher education and permission of instructor.

EDUC 480 (11-0-11) Student Teaching in the Secondary School: An internship in the public secondary school providing prospective education professionals with opportunities to observe professionals in the classroom, to practice teaching under supervision, and to participate in other activities expected of regular in-service teachers. (Fall and Spring)
Prerequisite: Admission to teacher education and permission of instructor.

EDUC 490 (1-1-0) Professional Education Seminar: A forum for discussions of teaching strategies, methodologies, materials, and experiences observed during the student-teaching experience and of such issues as mainstreaming, multicultural education, use of computers, new trends to facilitate learning in educational settings, and effective resume writing and interviewing techniques. (Fall and Spring)
Prerequisite: Admission to teacher education and permission of instructor.

ELEM 320 (3-3-0) Teaching Healthful Living in K-6: This course will provide 21st century K-6 teacher candidates with foundational knowledge and understanding of the need to develop and use healthful living choices. Teacher candidates will learn to make explicit connections to healthy choices that lead to the improvement of student learning, interpersonal and intrapersonal relationships, and overall quality of life.

ELEM 335 (3-3-0) Math for 21st Century K-6 Teaching Candidates: This course provides students with foundational knowledge and understanding of school mathematics. Content will include common mathematical knowledge, problem solving, reasoning and proof, number sense, numerical operations, spatial sense, patterns, relationships and functions, and algebraic thinking.
Prerequisite: Admission to Teacher Education

ELEM 400 (6-6-0) Teaching Communication Skills in K-6: This course is designed to give an introduction to the basics of reading instruction with emphasis on emergent reading, the initial stages of reading development, and primary and intermediate reading programs. Also, it is designed to encourage critical study of current practices, teaching methodologies, strategies, and resources for teaching language arts and visual arts in the elementary school. Course requirements include a practicum in a partner elementary school classroom.
Prerequisite: Admission to Teacher Education

ELEM 401 (6-6-0) Teaching Math and Science in K-6: In this course, K-6 teacher candidates develop their understanding of mathematical conventions and process skills as well as the principles of scientific inquiry. Emphasis is placed on the use of best practices that promote integrative teaching and inquiry based learning, such as problem solving, reasoning, communication, connection, representation, and debating issues involving science and technology from a global perspective.
Prerequisite: Admission to Teacher Education

ELEM 402 (6-6-0) Teaching Social Sciences, Humanities, and the Arts in K-6: This course enables K-6 teacher candidates to develop teaching approaches that help students to develop global literacy and critical thinking skills. The course focuses on the creation of interdisciplinary lessons and units that integrate the social sciences, humanities, and the arts in ways that enhance classroom instruction and student learning.
Prerequisite: Admission to Teacher Education

ELEM 451 (3-3-0) Classroom Management for Elementary Teachers: An introduction to the strategies for facilitating learning through effective classroom management, parent counseling, and guidance strategies for the elementary classroom. This course helps elementary pre-service and in-service teachers develop systematic strategies and techniques for effectively leading students to cooperate with the teacher and each other, and to be on task and engaged in planned learning activities. An internship in an elementary school is required.

ELEM 471 (12-12-0) Elementary Teacher Internship: An internship in the public schools providing prospective elementary education professionals with opportunities to observe professionals in the classroom, to plan and deliver instruction under supervision, to participate in professional development activities, and to engage in other activities expected of regular in-service teachers.

ELEM 491 (2-2-0) Professional Seminar: A series of seminars on selected teacher education topics, to include teaching strategies, knowledge, skills, abilities, and documentation needed for the initial teaching year, and preparation for the assessments required for North Carolina licensure.

ENGL 108 (4-3-2) English Grammar and Usage: This course introduces students to issues of grammar and usage within an integrated literacy program that includes reading, writing and speaking. Standard grammatical and rhetorical conventions are examined to assess their current significance for acceptable social expression, especially in academic prose.

ENGL 110 (3-3-0) English Composition I: A course designed to give extensive practice in the writing process, with emphasis on expository forms appropriate to everyday personal, business, and academic writing. When taken for 4 credits, two lab hours are included.

ENGL 120 (3-3-0) English Composition II: A course that continues practice in the composing process, with emphasis on argumentation and research. The course involves gathering, analyzing, and documenting information from secondary sources. When taken for 4 credit hours, two lab hours are included.

Prerequisite: ENGL 110

ENGL 211 (3-3-0) World Literature I: A study of major works of the Ancient World, the Middle Ages, and the Renaissance, focusing on representative genres.
Prerequisite: ENGL 110

ENGL 212 (3-3-0) World Literature II: A comparative study of major works of the Enlightenment, the Romantic Age, the period of Realism and Naturalism, and the Modern World.
Prerequisite: ENGL 110

ENGL 220 (3-3-0) African-American Literature I: An historical and critical exploration of African American writers' contributions to American fiction, poetry, drama, and non-fiction, beginning with writers of the 1700s and continuing through 1900.
Prerequisite: ENGL 110

ENGL 222 (3-3-0) History of the English Language: An historical study of the nature of the language from its beginnings to the present.
Prerequisite: ENGL 110

ENGL 223 (3-3-0) African-American Literature II: A continuation of an historical and critical exploration of African American writers' contributions to American fiction, poetry, drama, and non-fiction, beginning with the 1900s and proceeding to the present.
Prerequisite: ENGL 110

ENGL 230 (3-3-0) Introduction to Linguistics: An introduction to the inductive method of studying language, exploring the phonological, morphological, and syntactical aspects of language, dialectical variations, graphemics, sound, spelling, linguistic changes, bilingualism, field linguistics, psycholinguistics, sociolinguistics, uses of linguistics, and related topics.
Prerequisite: ENGL 110

ENGL 231 (3-3-0) Advanced Grammar: A reinforcement of students' skills in grammatical analysis, focusing on the major theories of grammar and on the study of language acquisition in light of current research.
Prerequisite: ENGL 110

ENGL 232 (3-3-0) Introduction to Film and Visual Literacy: This course will introduce students to basic concepts in film and other visual media such as video and Internet imaging. The course introduces students to formal vocabulary and methodology for developing the ability to consider visual texts critically. Through understanding and application of the basic concepts of film language, students will learn how elements such as editing, lighting, and composition within the frame, cinematography, and sound combine to constitute filmic discourse. In order to understand development in these categories, consideration will be given to film history.
Prerequisite: ENGL 110

ENGL 233 (3-3-0) Hip Hop: Poetry, Politics, and Pop Culture: This course draws connections between rap, oral traditions, and African American poetry. The course also explores hip hop's intersection with commerce, social policy, ethics, and civic engagement. Students will read articles, watch videos, and listen to podcasts addressing not only artistry, but also such issues as censorship, sexism, obscenity, social

responsibility, and race politics in the U.S. as they relate to hip hop culture. Students will write essays, reports, and raps, and will also engage in service learning projects.
Prerequisite: ENGL 110

ENGL 240 (3-3-0) Introduction to Literature: An introduction to the major genres of literature, with intensive work in developing the critical skills of reading, evaluating, and interpreting literary works and in writing critical papers about literature.
Prerequisite: ENGL 110

ENGL 241 (3-3-0) Writing With Style: The study and practice of techniques used in traditional genres and emerging media, with emphasis on developing and adapting patterns of arrangement and stylistic techniques to particular audiences or for particular effects, as well as foundations of analyzing and incorporating visual and narrative rhetorical strategies.
Prerequisite: ENGL 110

ENGL 250 (3-3-0) Women in Literature: This course examines the roles of women in literature as characters readers, and writers. Included in the readings are short stories, novels, novellas, essays, poetry, and drama, all by women and about women. The course will provide a historical overview of women's writing and will focus on the challenges of women writing, the creation and treatment of women's lives in literature, the form and content of women's writing, and the literary and feminist theories that discuss women's place in history and society by investigating the evolving conditions of women. Also the course examines how women represent themselves and what their expectations and hopes are for their own and daughters' futures.
Prerequisite: ENGL 110

ENGL 253 (3-3-0) Images of Women: This course introduces students to traditional and nontraditional images of women as they have appeared in film, music, art, and literature of the nineteenth, twentieth, and twenty-first centuries. This course will encourage students to interrogate images of women in the popular culture of the present day.
Prerequisite: ENGL 110

ENGL 260 (3-3-0) North Carolina Writers: A study of literature by writers who are from or have settled in North Carolina. The course draws from a range of novelists, playwrights, poets, and short story writers to engage students in a study of voices from across North Carolina who question, reflect, and define what it means to be North Carolinian.
Prerequisite: ENGL 110

ENGL 271 (3-3-0) Introduction to Literary Theory and Criticism: This course will introduce students to contemporary trends in literary theory and criticism against the historical background, which contemporary theory is often a reaction against.
Prerequisite: ENGL 110

ENGL 300 (3-3-0) Children's Literature: An introduction to works of children's literature from a variety of ethnic origins and genres including folklore, myths, epics, biographies, fiction, poetry, and informational books.
Prerequisite: ENGL 110 And ENGL 120

ENGL 301 (3-3-0) Adolescent Literature: A study of literature for and about the adolescent, examining reading programs and approaches to literature genres and modes characteristic of the literature, and essential elements of literary works for the adolescent.

Prerequisite: ENGL 110 And ENGL 120

ENGL 310 (3-3-0) Introduction to Folklore: An introduction to the forms, aesthetic characteristics, and social contents of oral literatures and folk traditions, folktales, legends, myths, folksongs, proverbs, riddles, customs, and beliefs.
Prerequisite: ENGL 110 And ENGL 120

ENGL 311 (3-3-0) English Literature I: A survey of the literature of England from the Anglo-Saxon period through the eighteenth century. Requirement for English majors.
Prerequisite: ENGL 110 And ENGL 120

ENGL 312 (3-3-0) English Literature II: A continuation of the survey of English literature, extending from the Romantic period to the present. Requirement for English majors.
Prerequisite: ENGL 110 And ENGL 120

ENGL 320 (3-3-0) The Renaissance: A study of the prose and poetry of representative authors of the Renaissance, including dramatists other than Shakespeare.
Prerequisite: ENGL 110 And ENGL 120

ENGL 321 (3-3-0) American Literature I: A survey of the major writers of America from the earliest efforts at colonization through the Civil War.
Prerequisite: ENGL 110 And ENGL 120

ENGL 322 (3-3-0) American Literature II: A survey of the major writers of America from the Civil War to the present. Requirement for English majors.
Prerequisite: ENGL 110 And ENGL 120

ENGL 323 (3-3-0) Literature of the Bible: A literary overview of the Bible, with major emphases on the stylistic and formal influences of the Bible in world literature.
Prerequisite: ENGL 110 And ENGL 120

ENGL 330 (3-3-0) The Seventeenth Century: A survey of the metaphysical poets.
Prerequisite: ENGL 110 And ENGL 120

ENGL 331 (3-3-0) American English Dialects: A study of dialectical variations in American English, emphasizing the reasons for historical, regional, and social variations in American English.
Prerequisite: ENGL 110 And ENGL 120

ENGL 335 (3-3-0) Issues in Professional Writing: This foundation course engages students in applying rhetorical principles, research methods, analytical skills, and technologies to problem-based writing projects that model communications challenges faced by professional writers in complex, real-world settings. Students will consider political, cultural, ethical, and practical issues relevant to professional writing.
Prerequisite: ENGL 110 And ENGL 120

ENGL 340 (3-3-0) Short Prose Fiction: A study of representative modern British, American, and continental writers of the short story and the short novel, with emphasis upon the techniques of the genre. Course offered as needed.
Prerequisite: ENGL 110 And ENGL 120

ENGL 341 (3-3-0) Advanced Composition: A study of rhetorical strategies, sentence combining, editing, logic and persuasion, diction, usage, and research methods.
Prerequisite: ENGL 110 And ENGL 120

ENGL 342 (3-3-0) Creative Writing: An introduction to various forms of modern fiction and poetry, with opportunities for the creation of original poetry and fiction.
Prerequisite: ENGL 110 And ENGL 120

ENGL 343 (3-3-0) Teaching and Tutoring Writing: A study of composition as a discipline and current issues in the field of teaching and tutoring writing in secondary school English classes. This course emphasizes effective teaching strategies for high school English composition.
Prerequisite: ENGL 110 And ENGL 120

ENGL 344 (3-3-0) Business and Professional Writing: This course explores the principle of effective writing in business and administration with special focus on the elements of mechanics, organization, technical style, and documentation. Students will learn various forms of writing commonly used in business communications, such as business letters, memorandums, reports and proposals. The course emphasizes clarity, conciseness, organization, format, style, tone, and correctness.
Prerequisite: ENGL 110 And ENGL 120

ENGL 345 (3-3-0) Technical Writing: This course explores effective writing in technical genres, with a focus on adjusting content, organization and style for various audiences including peer, managerial, and lay audiences. Students will examine and produce various technical documents, such as instructions or manuals and reports, and engage in usability testing and revisions of documents.
Prerequisite: ENGL 110 And ENGL 120

ENGL 346 (3-3-0) Creative Nonfiction Workshop: This course will introduce students to the art and craft of writing creative nonfiction for publication. Students will focus on three subgenres within the discipline: reportage (editorial writing), the personal essay, and travel writing. The course is conducted as a workshop; thus, students will submit drafts of their work to their classmates, receive verbal and written feedback, and revise accordingly. Towards the end of the course, students will develop a portfolio of their work for grading and submit at least one revised work to a journal or magazine for publication.
Prerequisite: ENGL 110 And ENGL 120

ENGL 347 (3-3-0) Writing Children's Literature: This course will provide students with an understanding of how to write for children in different literary genres and with an opportunity to create written manuscripts for children. The course will also consider issues and trends in the children's publishing industry.
Prerequisite: ENGL 110 And ENGL 120

ENGL 350 (3-3-0) Modern Poetry: A study of British and American poetry from Whitman, Dickinson, and Hardy to the present, with emphasis on the major poets of the twentieth century.
Prerequisite: ENGL 110 And ENGL 120

ENGL 360 (3-3-0) Modern Drama: A survey of works of major playwrights from lbsen and Strindberg to contemporaries such as Pinter and Stoppard.
Prerequisite: ENGL 110 And ENGL 120

ENGL 370 (3-3-0) Junior Seminar: Directed study on special topics in English conducted by members of the department.
Prerequisite: Junior standing

ENGL 380 (3-3-0) Legal Studies Seminar: This course helps students to develop their skills in logical reasoning, reading comprehension, and analytical reasoning. Students in the seminar will focus on preparing for a career in law. Completion of this course requires successful participation in out of class workshops.

ENGL 381 (3-3-0) Legal Writing: This course helps students to develop writing skills and familiarize themselves with writing conventions associated with the legal profession. Students in the course will prepare case briefs, analyze statutes, and develop effective strategies for reading, commenting on, and citing legal documents.

ENGL 401 (3-3-0) Chaucer: A course on The Canterbury Tales and on other works selected from the Chaucer canon, with consideration of literary, social, religious and philosophical backgrounds of the time.
Prerequisite: ENGL 110 And ENGL 120 And Junior Standing

ENGL 411 (3-3-0) Shakespeare: A study of selected major Shakespearean dramas, including comedies, histories, and tragedies, and of Shakespeare's development as a dramatist. Requirement for English majors.
Prerequisite: ENGL 110 And ENGL 120 And Junior Standing

ENGL 412 (3-3-0) Eighteenth Century: A survey of the major English writers from the Restoration - the age of Dryden, of Pope, and of Johnson to the beginning of Romanticism and a study of the rise of the English novel in the eighteenth century.
Prerequisite: ENGL 110 And ENGL 120 And Junior Standing

ENGL 420 (3-3-0) Portfolio Development: This course emphasizes the analysis and production of professional reports and presentations. Students will read, analyze, format for printing and transmission, draft, revise and edit reports in multiple formats, for multiple audiences, and for flexible purposes.
Prerequisite: ENGL 110 And ENGL 120 And Junior Standing

ENGL 431 (3-3-0) The Novel: A study of the novel as a literary mode with emphasis on selected major works.
Prerequisite: ENGL 110 And ENGL 120 And Junior Standing

ENGL 432 (3-3-0) Romantic Poetry and Prose: A study of the major British Romantics, with an examination of representative works by Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats in their cultural and critical contexts.
Prerequisite: ENGL 110 And ENGL 120 And Junior Standing

ENGL 470 (3-3-0) Senior Capstone Course: Directed study on special topics in English conducted by members of the Department.
Prerequisite: Senior Standing

ENGL 480 (3-3-0) Internship: Supervised practical experience in a professional setting.
Prerequisite: ENGL 110 And ENGL 120 And Senior Standing

ENGR 101 (1-1-0) Introduction to Engineering and Problem Solving: This course provides general information on engineering disciplines, common engineering practices, the engineering profession and

history, engineering education, engineering design, engineering ethics and engineering opportunities from the instructor and/or invited speakers. Preliminary work on a design project will be undertaken by student teams.

ENGR 102 (3-3-0) Introduction to Engineering Graphics: This course introduces the students to skills of effective communication through engineering drawing. Topics include drawing instruments, lettering, geometric drawing, freehand sketching, orthographic projection, CAD systems, and examples of actual engineering drawings.

ENGR 103 (1-1-0) Introduction to Computing Environments: This course introduces the students to the computing environments that enable engineering students to get familiar to the hardware/software used in performing computer related tasks. Topics include: basic operation of the computer operating systems; office application tools; engineering application tools; and web page creation. The course will emphasize the computing environment in the field of engineering computation so the students are ready when they transfer to the engineering departments of participating universities.

ENGR 201 (3-3-0) Engineering Statics: Basic concepts of forces in equilibrium are introduced. Distributed forces, frictional forces are discussed. Inertial properties are analyzed in application to machines, structures, and systems.
Prerequisite: PHYS 121 And MATH 242 (may be taken concurrently)

ENGR 202 (3-3-0) Engineering Dynamics: An introduction to kinematics of particles in rectangular, cylindrical, and curvilinear coordinate systems; energy and momentum methods for particles; kinetics of systems of particles; kinematics and kinetics of rigid bodies in two or three dimensions; motion relative to rotating coordinate systems.
Prerequisite: MATH 242 And ENGR 201

ENGR 204 (3-3-0) Properties of Engineering Materials: This course is an introduction to the fundamental physical principles governing the structure and constitution of metallic and nonmetallic materials and the relationship among these principles and the mechanical, physical, and chemical properties of engineering materials. The influence of the atomic the and grain structure of structural materials on mechanical properties will be considered. The effects of mechanical and heat treatments on structure and properties of materials are examined. Fatigue and creep of materials, fracture toughness, mechanical and non-destructive evaluation, environmental effects are studied. This course also addresses design considerations as well as characteristics of metals, ceramics, polymers and composites.
Prerequisite: CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162 And PHYS 121

ENGR 206 (3-3-0) Probability and Statistics for Engineers: This course is a calculus based introduction to probability and statistics with emphasis on Monte Carlo simulation and graphical display of data on computer workstations. Statistical methods include point and interval estimation of population parameters and curve surface fitting (regression analysis). The principles of experimental design and statistical process control are introduced.
Prerequisite: MATH 241

ENGR 214 (3-3-0) Solid Mechanics: Concepts and theories of internal force, stress, strain, and strength of structural elements under static loading conditions. Constitutive behavior for linear elastic structures is discussed. Deflection and stress analysis procedures for bars, beams, and shafts will be considered. Introduction to matrix, analysis of structures will be made.
Prerequisite: MATH 242 And ENGR 201 And ENGR 204 (may be taken concurrently)

ENTR 100 (2-2-0) Entrepreneurial Thinking: This course provides an introduction on how to think and act entrepreneurially. The course examines how creative and innovative thinking along with initiative allow the student to see and seize opportunities. This course also takes the approach that everyone (not just those who want to start businesses or enterprises) can benefit from understanding and applying an entrepreneurial mindset to any situation that demands change in their lives.

ENTR 300 (3-3-0) Entrepreneurial Discovery and Creativity: This course will promote entrepreneurial thinking and explore a variety of problem solving approaches. Students will experience what it means to fully engage their brains to discover the patterns that produce breakthrough ideas. This course will explore the creative process and help students identify their own creative problem-solving styles.

ENTR 301 (3-3-0) Entrepreneurship and New Venture Creation: Using applied economics and business principles, this course focuses on issues that face entrepreneurs who start new enterprises or create new ventures within existing firms. The topics covered in the course include the evaluation of new venture ideas; the planning, formulation and implementation of strategies for creating new ventures and finally the evaluation of economic conditions and the financing of new ventures. This course is cross listed with ECON 301.
Prerequisite: ECON 212 And ACCT 211

ENTR 303 (3-3-0) Entrepreneurial Strategy and Opportunity Analysis: This course provides a foundation for the analysis of entrepreneurial opportunities. The course reviews a variety of strategic considerations derived from managerial economics, industrial organization and entrepreneurial finance in the context of specific entrepreneurship cases. This course is cross listed with ECON 303.
Prerequisite: ACCT 211 And ECON 212

ENTR 312 (3-3-0) Entrepreneurial Marketing: This course clarifies key marketing concepts, methods, and strategic issues relevant for start-up and early-stage entrepreneurs. Topics addressed include: (1) Marketing issues facing entrepreneurs today; (2) Identification and evaluation of marketing opportunities; (3) Achieving competitive advantages given limited marketing resources, and (4) Major marketing/sales tools that are useful in an entrepreneurial setting. This course is cross listed with MKTG 312.
Prerequisite: MKTG 311

ENTR 315 (3-3-0) Entrepreneurial Finance: This course will help students to develop the understanding and skills necessary to become more effective stewards of their small business finances. This course integrates all aspects of planning using finances in a person's small business. It incorporates the preparation of a financial plan for a small business that involves the preparation of balance sheets, income statements, sources of financial resources and the various forms of business ownership. Various techniques and tools will be reviewed, as will the understanding of income tax laws and their impact on small business. This course is cross listed with FINC 315.
Prerequisite: FINC 311

ETCE 101 (1-1-0) Foundations of Ethics and Civic Engagement: This course provides an introductory foundation for students' orientation to civic engagement, social action, and the relationship between learning and engaged citizenship. The course also introduces students to the contexts, issues, skills, and experiences of citizenship and civic leadership in a democratic society. Finally, the course assists students with developing students' readiness to accept personal and social responsibility, as well as their preparation for responsible citizenship.

ETCE 102 (1-1-0) Intermediate Ethics and Civic Engagement in Action: This course builds upon the foundation of students' orientation to civic engagement, social action, and the relationship between learning

and engaged citizenship developed in ETCE 101. The focus of this course is to introduce students to the contexts, issues, skills, and experiences of citizenship and civic leadership in a democratic society. Finally, the course assists students with developing students' readiness to accept personal and social responsibility, as well as their preparation for responsible citizenship.
Prerequisite: ETCE 101 or instructor permission

ETCE 103 (1-1-0) Advanced Ethics and Civic Engagement in Action: This course builds upon the foundation of students' orientation to civic engagement, social action, and the relationship between learning and engaged citizenship developed in ETCE 101. The course also builds upon ETCE 102's introduction of students to the contexts, issues, skills, and experiences of citizenship and civic leadership in a democratic society. The focus of this course is to assist with developing students' readiness to accept personal and social responsibility, as well as their preparation for responsible citizenship.
Prerequisite: ETCE 102 or instructor permission

ETCE 200 (3-3-0) Ethics and Civic Engagement in Action: This course provides a foundation for students' orientation to civic engagement, social action, and the relationship between learning and engaged citizenship. The course also introduces students to the contexts, issues, skills, and experiences of citizenship and civic leadership in a democratic society. Finally, the course assists students with developing students' readiness to accept personal and social responsibility as well as their preparation for responsible citizenship.

FESA 322 (3-3-0) Fire Investigations: A course intended to provide the student with advanced technical knowledge on rules of law, fire scene analysis, fire behavior, evidence collection and preservation, scene documentation, case preparation and testifying. Open to Fire and Emergency Services Administration majors only.

FESA 345 (2-2-0) Firefighter Fitness and Wellness: This course is applied in nature and is directed at enhancing the physical and mental health of the participant through the application and understanding of the cardio-muscular fitness requirements of the modern firefighter. It also provides an overview of the ramifications of emergency worker stress and potential coping strategies that can be utilized to cope with work induced stress. This course will enable the participant to design a personal and/or work-team fitness regime. Open to Fire and Emergency Services Administration majors only.

FESA 350 (3-3-0) Fire Prevention Organization and Management: This course examines the factors that shape fire risk and the tools for fire prevention, including risk reduction education; codes and standards; inspection and plans review; fire investigation; research; master planning; various types of influences; and strategies. Open to Fire and Emergency Services Administration Majors only.

FESA 360 (3-3-0) Applied Fire Service Ethics: Ethics in the provision of fire, rescue, and emergency medical services are challenging and complex. No other government services are granted the same degree of public trust. This course increases student proficiency in making ethical decisions in the provision of emergency service. Students will discover how to consider problems in terms of their ethical implications. Students will also learn a model for making ethical decisions. Open to Fire and Emergency Services Administration majors only.

FESA 377 (3-3-0) Fire-Related Human Behavior: An exploration of the dynamics of human behavior in fire incidents. The functions and implementation of prevention practices, program, codes, and ordinances are stressed. The concepts of risk, personal invulnerability, role, and group dynamics are examined in relation to design aspects of buildings and mitigation of the effects of fire on modern society. Discussion deals with proper ways of conducting post-fire interviews and emphasizes the psychological effects of

communications during emergencies. Open to Fire and Emergency Servijces Administration majors only.

FESA 390 (3-3-0) Fire Dynamics: This course is an examination of the dynamics within the context of firefighting and its application to fire situations. Course includes the examination of fire, including combustion, flame spread, flashover, and smoke movement; applications to building codes; large-loss fires; and fire modeling through a consideration of the physics and chemistry of fire and combustion. Open to Fire and Emergency Services Administration majors only.

FESA 400 (3-3-0) Political and Legal Foundations of Fire Protection: An examination of the legal, political, and social aspects of the government's role in public safety, including the American legal system, fire department operations, employment and personnel issues, fire officials' roles, and legislative and political influence. Open to Fire and Emergency Services Administration majors only.

FESA 402 (3-3-0) Managerial Issues in an All Hazards Environment: This course examines regulatory issues, hazard analysis, multiagency contingency planning, response personnel, multiagency response resources, agency policies, procedures and implementation, public education and emergency information systems, health and safety, command post dynamics, strategic and tactical considerations, recovery and termination procedures, and program evaluation. Open to Fire and Emergency Services Administration majors only.

FESA 412 (3-3-0) Advanced Fire Administration: This course examines organizational and leadership tools for fire service administrators, including community approaches to administration, core skills, planning and implementation, leading change, and community management. Open to Fire and Emergency Services Administration majors only.

FESA 421 (3-3-0) Incendiary Fire Analysis and Investigation: This course examines technical, investigative, legal, and managerial approaches to the arson problem, including principles of incendiary fire analysis and detection, environmental and psychological factors of arson, gang-related arson, legal considerations and trial preparations, managing the fire investigation unit, intervention and mitigation strategies, and shaping the future. Open to Fire and Emergency Services Administration majors only. **Prerequisite:** FESA 322 Or permission of program director

FESA 422 (3-3-0) Applications of Fire Research: An examination of the rationale for conducting fire research, various fire protection research activities, and research applications, including fire test standards and codes, structural fire safety, automatic detection and suppression, life safety, and firefighter health and safety. Open to Fire and Emergency Services Administration majors only.

FESA 430 (3-3-0) Fire Service Personnel Administration: Basic and advanced concepts and processes of designing, implementing, and administering the personnel functions of fire service organizations. Emphasis is placed on human resource planning, job classification, job analysis, equal opportunity organizations and resources, affirmative action, recruitment, retention, development, performance evaluation, and assessment centers. Open to Fire and Emergency Services Administration majors only.

FESA 440 (3-3-0) Fire Service Organizational Dynamics: An exploration and examination of organizational dynamics, including organization culture as it applies to the American fire service. Knowledge gained through this course will assist the fire service administrator in solving complex organizational challenges. The focus will be on the many varieties of theories about public organizations; the consideration of the relationship between theory and practice; and the development of a coherent, integrated understanding of fire service organizations. Open to Fire and Emergency Services Administration majors

only.

FESA 441 (3-3-0) Topics in Fire Department Management: A course designed to cover contemporary topics of interest in the area of fire department administration. Open to Fire and Emergency Services Administration majors only.

FESA 455 (3-3-0) Community Risk Reduction for Fire and Emergency Services: This course provides a theoretical framework for the understanding of the ethical, social, organizational, political, and legal components of community risk reduction, as well as a methodology for the development of a comprehensive community risk reduction plan. Open to Fire and Emergency Services Administration majors only.

FESA 490 (6-0-0) Fire Service Internship: An experience that offers an opportunity to apply content learned in the classroom to complete a project in management or investigation in the workplace. Open to Fire and Emergency Services Administration majors only.
Prerequisite: Completion of a majority of Core Curriculum requirements and permission of program director.

FINC 100 (2-2-0) Financial Literacy: This course examines basic financial terms and concepts and is designed to provide students with some of the skills and knowledge that they need to manage their finances and be informed consumers. Topics covered include savings, credit and debt; budgeting; student loans; credit cards; insurance; buying a car; your first house, etc.

FINC 311 (3-3-0) Principles of Finance: A course in basic financial management, including the study of the nature of financial management, financial analysis, working capital management, and long-term investment decisions.
Prerequisite: ACCT 211 And (ECON 211 Or ECON 212)

FINC 315 (3-3-0) Entrepreneurial Finance: This course will help students to develop the understanding and skills necessary to become more effective stewards of their small business finances. This course integrates all aspects of planning using finances in a person's small business. It incorporates the preparation of a financial plan for a small business that involves the preparation of balance sheets, income statements, sources of financial resources and the various forms of business ownership. Various techniques and tools will be reviewed, as will the understanding of income tax laws and their impact on small business. This course is cross listed with ENTR 315.
Prerequisite: FINC 311

FINC 320 (3-3-0) Financial Management: A continuation of FINC 311 emphasizing the use of analytical tools dealing with capital budgeting, capital structure, dividend policy, cost of capital with consideration of long-term financing, expansion, and problems of small businesses in connection with decision-making techniques.
Prerequisite: FINC 311

FINC 323 (3-3-0) Money, Banking, and Monetary Policy: A formal examination of the role of money, banking, and financial institutions, as well as rudimentary discussion of monetary policy issues in the domestic and international economies. This course is cross listed with ECON 322.
Prerequisite: ECON 211 And ECON 212 And MATH 123

FINC 330 (3-3-0) Personal Finance: A study of problems of money management, with special attention to credit borrowing, saving and funds allocation among stocks, bonds, insurance, property, and mutual

investment companies.

FINC 336 (3-3-0) Healthcare Finance: This course focuses on the financial assessment, acquisition, allocation, and control of financial aspects of health care organizations. Topics include application of financial management principles to the unique decision-making in healthcare industry, budgeting processes, cost allocation, fees structure, and management control process.
Prerequisite: FINC 311

FINC 340 (3-3-0) Risk Management and Insurance: A focus on the identification, analysis, and measurement of potential losses and on the alternative methods of managing them, with risk management being treated broadly and insurance treated in depth as a method of risk transfer.
Prerequisite: FINC 311

FINC 350 (3-3-0) Real Estate: A presentation of the fundamental economic aspects of real property, with special attention to the changing character of the urban economy and its effect on land values and land utilization.

FINC 354 (3-3-0) International Trade and Finance: A survey of the theories of international trade, balance of payment, exchange rate determination, international portfolio investment (including currency swaps, options and futures) international financial management (global cost, budgeting, and capital flows) and related monetary issues. This course is cross listed with ECON 351.
Prerequisite: ECON 211 And ECON 212

FINC 410 (3-3-0) Investments: A survey of portfolio models and theories; factors affecting corporate and other securities as portfolio choices; the organization of capital markets and the analysis and evaluation of securities.
Prerequisite: FINC 311

FINC 411 (3-3-0) Investment Analysis: This course provides an introduction to fixed income markets in the world. These markets include dealings in government, corporate debt instruments, mortgages, OTC (over-the counter) and exchange traded securities. The course topics include: the description and analysis of fixed income instruments; term structure of interest rates theory; evaluation of fixed income securities; portfolio management; asset backed securities; dynamic investment strategies; and other topics of current relevance to these markets.
Prerequisite: FINC 410

FINC 412 (3-3-0) Security Analysis: This course provides an overview of the securities industry and the different types of securities available for inclusion in a portfolio. Consistent with some objective a more detailed approach is then applied to evaluation of the different classes of securities.
Prerequisite: FINC 410

FINC 420 (3-3-0) Commercial Bank Management: A study of the fundamental principles underlying the management of a commercial bank; capital funds; assets and liability management; value maximization; legal and operational constraints.
Prerequisite: FINC 311

FINC 424 (3-3-0) Financial Statement Analysis: This course is a study of the process of business analysis through the evaluation of financial statements. Topics include analysis of financial statements and ratio, strategic, prospective, equity, and credit analysis. This course presumes an understanding of finance and

accounting principles in order to successfully master the course content. While some finance and accounting concepts may be reviewed, this course is about the analysis and evaluation of financial information. Students must be able to express the analysis of cases and other course work in writing that meets professional standards. This course is cross listed with ACCT 424.
Prerequisite: ACCT 211 And ACCT 212 with a grade of B or better And FINC 311 with a grade of C or better.

FINC 430 (3-3-0) Seminar in Banking and Finance: A study of contemporary issues in Finance with areas of analysis drawn from corporate finance, investments, and financial markets and institutions.
Prerequisite: FINC 320

FINC 431 (3-3-0) Options and Futures: This is an introductory course in financial futures and options. The course topics include: the description of futures, forward, and options markets; the determination of forward and future prices, interest rate and currency futures and swaps; properties of stock options; valuation of stock options with Binomial and Black-Scholes models; other types of options including stock index options, options on futures, and interest rate options; and hedging strategies using futures and options.
Prerequisite: FINC 410

FINC 440 (3-3-0) International Financial Management: This course examines factors that are critical to the financial decision making process in a global economic environment. Our approach will be from the perspective of a financial manager in private business enterprise.
Prerequisite: FINC 320

FINC 450 (3-3-0) Financial Markets: A course in macro-finance which focuses on financial markets and the financial institutions that serve them. Money and capital markets and their role in the savings and investment are considered. Topics such as the market for loanable funds, flow-of-funds accounts, and securitization are covered.
Prerequisite: FINC 311

FINC 453 (3-3-0) Economics and Finance Internship: A practical course enabling students to apply their theoretical knowledge of economics/finance to real situations and to gain practical experience in business, financial industry, and government institutions. This course is cross listed with BADM 430 and ECON 450.

FINC 460 (3-3-0) Current Problems of Banking: This course is intended to survey the current condition of the banking industry. Special emphasis is placed on topics and issues that are most relevant to students preparing to begin careers in banking and related fields.
Prerequisite: FINC 420

FORL 210 (3-3-0) Foreign Language I: This course is an introduction to a designated foreign language, and is intended for students with no prior knowledge of the language and culture it represents. Emphasis will be placed on the basic language skills (comprehension, speaking, reading, and writing) and culture. Course may be repeated for credit for different languages.

FORL 220 (3-3-0) Foreign Language II: This course is a continuation of FORL 210. FORL 220 will continue to improve on the language and cultural knowledge and skills acquired in FORL 210 with emphasis on comprehension, speaking, reading, and writing, as well as pragmatics.
Prerequisite: FORL 210

FORL 250 (3-3-0) Literature in Translation: This course is a survey of the literature written in foreign language but studied in English translation. It differs from ENGL 211, 212 in that they survey a wide variety of literary works originally in several languages while FORL 250 focuses on the literature of a single language. Students may take FORL 250 more than once for credit if taken in different languages.
Prerequisite: ENGL 110 And ENGL 120

FORS 200 (3-3-0) Introduction to Forensic Science: This course introduces the basic principles and relationships between the applications of chemistry, biology, and physics to forensic science as they relate to the criminal investigative process. The course is designed to give students insight into the many areas of forensic science and to study the newest techniques used by forensic laboratories. Corequisite: PHYS 111 or PHYS 121
Prerequisite: CHEM 141 And CHEM 142 And CHEM 161 And CHEM 162 And BIOL 150 And PHYS 111 (may be taken concurrently) Or PHYS 112 (may be taken concurrently)

FORS 300 (3-3-0) Forensic Professional Practice: Provides basic knowledge of proper crime scene procedures and evidence processing that includes proper collection, documentation and preservation of physical evidence. In addition, the ethical issues relating to pre-trial procedures, courtroom testimony, and qualifications of expert witnesses will be presented.
Prerequisite: FORS 200 And CRJC 202 (may be taken concurrently)

FORS 325 (3-2-2) Molecular Biology: An in-depth study of the structure, function, and biochemistry of proteins and nucleic acids. Isolation, purification and structural modification of DNA and protein in laboratory exercises will be utilized to provide an understanding of the various DNA/protein methodologies and their applicability to forensic science. This course is cross listed with BIOL 325.
Prerequisite: BIOL 200 And CHEM 222 And CHEM 223 And CHEM 224

FORS 400 (4-3-2) Forensic Microscopy: This course will familiarize students with the microscopy equipment common to most modern crime labs. The course will enable students to select mode-appropriate equipment and techniques and to make basic observations of the physical and optical properties of common evidential materials. This class is an introduction to microscopic analysis, identification, and characterization of materials, such as glass, hair, fiber, paint, and soil.
Prerequisite: FORS 200 And PHYS 112 Or PHYS 122

FORS 410 (3-3-0) Technical Writing in Forensic Science: This course provides students with a working knowledge of various types of technical and scientific communication, including writing proposals, instructions, and forensic reports for both specialist and nonspecialist. It aims to enable the students to present information professionally in clear, concise and appropriate format. It deals with ethical issues involved in professional technical writing. Formal elements of reports with library research are also emphasized.
Prerequisite: FORS 200 And FORS 300

FORS 420 (4-3-2) Forensic Chemistry I: Applications of spectroscopic methods to forensic science. Background and applications of ultraviolet/visible spectroscopy, Fourier-transfer infrared spectroscopy, fluorescence spectroscopy, and mass spectroscopy will be discussed. May only be taken by students majoring in forensic science with a concentration in chemistry.
Prerequisite: FORS 200 And FORS 300 And CHEM 222
Corequisite: FORS 400

FORS 430 (4-3-2) Forensic Chemistry II: Applications of separation methods to forensic science. Techniques covered will include gas chromatography, liquid chromatography, and capillary electrophoresis.

May only be taken by students majoring in forensic science with a concentration in chemistry.
Prerequisite: FORS 420

FORS 431 (3-2-2) Population Genetics: A study of genetic and ecological forces that influence the structure of populations with two (2) hours of laboratory exercises and experimental studies. Students will evaluate the effects of random genetic drifts, mutations, natural selection, inbreeding, assortative mating, molecular evolution and quantitative/ecological genetics on populations. This course is cross listed with BIOL 431.
Prerequisite: ZOOL 310

FORS 445 (4-2-4) Forensic Serology: This course will introduce the concepts, theories, and principles used in the forensic identification of biological evidence, including laboratory analysis of physical properties for the identification, confirmation, and species origin of biological materials such as blood, fibers, hair, saliva, and semen, as well as immunological and microscopic techniques. The course applies methods that are used in forensic laboratories. May only be taken by students majoring in forensic science with a concentration in biology.
Prerequisite: BIOL 200 And FORS 200 And FORS 300
Corequisite: FORS 400

FORS 450 (4-2-4) Forensic DNA Analysis: This course will introduce the concepts, theories, and principles used in the forensic identification of biological evidence. The course will cover the characterization of body fluids including the determination of their human origin. Hands on laboratory techniques will be used to identify biological fluids for DNA extraction, quantitation, amplification, profiling, and interpretation. The course introduces laboratory methods, techniques, and instruments used in similar forensic laboratories. May only be taken by students majoring in forensic science with a concentration in biology.
Prerequisite: FORS 325 And FORS 445

FORS 460 (4-0-8) Capstone: This course will evaluate students' overall understanding and mastery of forensic science and criminal justice theories and applications of various laboratory techniques for evidence identification, application of analytical techniques, and communication skills. The course will enable students to select the most appropriate equipment and techniques to make basic observations of physical evidence and test this evidence by using the appropriate equipment and techniques of evidential materials analysis.
Prerequisite: FORS 200 And FORS 300 And FORS 400 And FORS 420 And FORS 430 And FORS 431 And FORS 450.
Corequisite: FORS 410 And FORS 430 Or FORS 450 And FORS 431

FREN 110 (3-3-0) Elementary French I: An introduction to the language, literature, and culture of French-speaking peoples, with emphasis on the basic language skills. Laboratory practice required.

FREN 111 (3-3-0) Elementary French (Honors): An introduction to the language, literature, and culture of French speaking peoples, with treatment in greater breadth and depth than in French 110. Laboratory practice required. Admission based upon an entrance examination, previous study, and other relevant experiences.

FREN 120 (3-3-0) Elementary French II: A continuation of studies in the language, literature, and culture of French speaking peoples begun in FREN 110, including further development of the basic language skills, with special attention to improving oral language skills. Laboratory practice required.
Prerequisite: FREN 110

FREN 121 (3-3-0) Elementary French II (Honors): A continuation of honors studies in the language, literature, and culture of French-speaking peoples begun in FREN 111, including further development of the basic language skills, with special emphasis on increasing proficiency in oral language skills. Laboratory practice required. Admission based upon an entrance examination, previous study, and other relevant experiences.

FREN 211 (3-3-0) Intermediate French I: Intermediate level studies of the language, literature, and culture of French speaking peoples, including further development of the basic language skills, with increased emphasis on reading comprehension and writing in French. Laboratory practice required.
Prerequisite: FREN 120

FREN 212 (3-3-0) Intermediate French II: A continuation of intermediate level studies of the language, literature, and culture of French-speaking peoples, including further development of the basic language skills, with special emphasis on idiomatic usages and complex grammatical structures. Laboratory experience required.
Prerequisite: FREN 211

FREN 311 (3-3-0) French Conversation I: A course focusing on increasing fluency in conversational French. Laboratory practice required.
Prerequisite: FREN 212

FREN 312 (3-3-0) French Conversation II: Conversation and Composition: A course focusing on developing the level of proficiency in the basic language skills necessary to complete advanced courses taught exclusively in French.
Prerequisite: FREN 311

FREN 321 (3-3-0) French Civilization and Culture: A study of the civilization, culture, and history of French speaking peoples, with attention given to the life, customs, philosophy, art, music, and general patterns of culture. Taught exclusively in French.
Prerequisite: FREN 212

FREN 322 (3-3-0) Survey of French Literature I: A study of representative French literary works from earliest times to 1800. Taught exclusively in French.
Prerequisite: FREN 321

FREN 331 (3-3-0) Survey of French Literature II: A study of representative French literary works of the nineteenth and twentieth centuries. Taught exclusively in French.
Prerequisite: FREN 321

GEOG 110 (2-2-0) Environmental Literacy: An introductory course on the impact human beings have on the environment as well as the basic relationship between our environment and environmental policy. The course will discuss local, regional, and global environmental issues such as food resources, water resources, and energy resources. The focus will be on the transition to university life and campus resources that support sustainability for students as members of the campus community.

GEOG 210 (3-3-0) Principles of Geography: An introductory study of the physical and cultural elements of the surface of the earth, emphasizing the geographic relationships and surveying the interaction between human beings and their physical environment.

GEOG 220 (3-3-0) World Regional Geography: A geographical study of the world by realms or regions and of the basic relationship between the physical and cultural elements within the major realms of the world, with a detailed study of some selected regions.

GEOG 250 (3-3-0) Basic Map Reading: An introductory map-reading course, with emphasis on map interpretation techniques and on the most commonly used types of maps and their interpretations.

GEOG 260 (3-3-0) Population Geography: A study of the patterns of population distribution on the surface of the earth, emphasizing patterns of population growth, density, and movement and alterations related to changes in selected socioeconomic and cultural phenomena.

GEOG 270 (3-3-0) Human Beings and the Environment: An examination of the interaction between human beings and the environment on the surface of the earth, with attention to specific types of ecosystem degradation and to solutions of resulting problems.

GEOG 300 (3-3-0) Medical Geography: The geographic study of human ecology and health on the surface of the earth, with an analytical study of the world patterns of disease distribution and their cultural/environmental interactions, as well as alterations of disease patterns because of developments in various cultures.

GEOG 310 (3-3-0) Economic Geography: A geographic analysis of the distribution of economic activities on the surface of the earth, with emphasis on present-day patterns and trends of production, distribution, and utilization of the world's major commodities.

GEOG 311 (3-3-0) Cartography: A study of principles and techniques of constructing maps and other graphic devices, emphasizing the construction of map projections and their uses, problems of scales, the interpretation of contour maps, lettering and sketching techniques, and graphic presentation of statistical materials.

GEOG 312 (3-3-0) Advanced Cartography: A study of advanced principles and techniques of map and graphic construction and interpretation.

GEOG 313 (3-3-0) Aerial Photo Interpretation: A study of the basic principles of aerial photographic mapping and the interpretation of aerial photos in terms of both physical and cultural/human geography, with emphasis on detecting and identifying the natural/physical and human/cultural elements of the geographic complex on the surface of the earth from the perspective of space.

GEOG 314 (3-3-0) Introduction to Remote Sensing: An introductory study of remote sensing, emphasizing its application to environmental and land use analyses of the earth.

GEOG 316 (3-3-0) Computer Cartography: An introduction to the cartographical uses of computers and computer graphics, with emphasis on applications of computer mapping to geographic phenomena and problems.

GEOG 317 (3-3-0) Computer Techniques in Geography: A course emphasizing computer usage and techniques applicable to studies of the geographical phenomena on the surface of the earth and to the study of geography as an academic subject.

GEOG 320 (3-3-0) Introduction to Geographic Information Systems: An introductory course covering the theory and application of Geographic Information Systems (GIS) This course includes an overview of general principles of GIS and practical experience in its use.

GEOG 321 (3-3-0) Geography of the Soviet Union: A study of the physical features, natural resources, population distribution, and human/cultural geography of the Soviet Union across time.

GEOG 322 (3-3-0) Geography of Latin America: A regional study of the physical environmental conditions, natural resources, economic development, and social and political conditions of Latin American countries.

GEOG 325 (3-3-0) Applied Geographic Information Systems: Students will learn to apply geospatial technologies, particularly GIS, to real world problems by creating detailed maps and interpreting relationships based on space (connectivity, containment, etc.). Students will work with advanced concepts such as tools, behavior, and scripting and symbol creation and apply the results to spatial problems.

GEOG 330 (3-3-0) Geography of Africa: A geographic study of the continent of Africa, with differentiating descriptions of its countries and regions, its distinctive character in comparison with other continents, and its current problems and developments.

GEOG 340 (3-3-0) Cultural Geography: An examination of human experience as it occurs in different natural settings, with analyses of symbolic and material elements of culture, focusing on those areas with landscape and environment manifestations and using specific case studies to determine how processes such as innovation, diffusion, and cultural change function.

GEOG 350 (3-3-0) Physical Geography: An examination of the physical systems and features of the earth, with emphasis on detailed analyses of systematic functions and interrelations of the geophysical processes of the earth's physical/natural environment.

GEOG 360 (3-3-0) Climates: A study of world climatic patterns with emphasis on the classification and distribution of various types of climates on the surface of the earth and their influence on human beings.

GEOG 370 (3-3-0) Introduction to Meteorology: An introductory study of the atmospheric phenomena of weather, emphasizing analyses of the weather elements, weather production processes, and techniques of weather forecasting.

GEOG 400 (3-3-0) Introduction to City and Regional Planning: A study of the principles, concepts, and reality of city and regional planning from the past to the present, with emphasis on urbanization and planning, and on analyses of current urban problems and forces responsible for urban and regional growth.

GEOG 411 (3-3-0) Industrial Geography: A study of manufacturing regions and major industries of leading industrial nations of the world, with attention to factors relating to the nature, location, and development of manufacturing industries.

GEOG 412 (3-3-0) Ecology: A geographic study of the ecological system of the earth and the relationship of earth's organisms to their environment, with special attention to the effects of human activities on the ecosystem.

GEOG 420 (3-3-0) Conservation of Natural Resources: A study of conservation practices related to natural resources of the earth, emphasizing techniques for preserving the earth's waters, soils, forests,

grasslands, animals, and human resources.

GEOG 421 (3-3-0) Geography of the South: An analytical study of the physical, historical, economic, social and cultural environment of the present day southern United States, acquainting students with the geography of the South and with the distinctive and changing character of the South.

GEOG 430 (3-3-0) Geomorphology: An examination of the geomorphological processes and factors creating and affecting the development of the natural landscape of the earth.

GEOG 431 (3-3-0) Political Geography: A study of the geographical nature of political states, emphasizing their organization, power, and boundaries, and the geographic influences on their internal and external relations, with additional attention to concepts of geopolitics and associated contemporary problems.

GEOG 440 (3-3-0) Urban Geography: A geographical survey of the internal and external spatial relationships of cities and city systems, with special emphasis on patterns of growth, distribution, and functioning within and among cities in various parts of the world, particularly in the United States.

GEOG 480 (3-3-0) Seminar in Geography: Research in geographic thought and concepts and their practical applications, with emphasis on quantitative and empirical analyses of some specific problems of physical and cultural/human elements of the earth's environment from perspectives of geographic research.

GEOG 490 (3-3-0) Geography Internship: The internship offers students the ability to apply subject matter learned in the classroom to real world settings. Students gain experience in the workforce and can use the skills acquired in this course in future employment opportunities.
Prerequisite: GEOG 320 Or Permission of instructor

GEOL 311 (3-3-0) Introduction to Geology I: An introductory course in physical geology concerned principally with the composition of the earth's crust and the processes that act to change its upper surface.

GEOL 312 (3-3-0) Introduction to Geology II: A continuation of GEOL 311, including studies of the active internal processes of the earth, such as plate tectonics and earthquakes, and of the earth's interior composition and structure, with introductions to historical geology and the succession of life forms that formerly lived on the earth.
Prerequisite: GEOL 311

GERM 110 (3-3-0) Elementary German I: An introduction to the language, literature, and culture of German-speaking peoples, with emphasis on the basic language skills. Laboratory practice required.

GERM 120 (3-3-0) Elementary German II: A continuation of studies in the language, literature, and culture of German-speaking peoples begun in GERM 110, including further development of the basic language skills, with special attention to improving oral language skills. Laboratory practice required.
Prerequisite: GERM 110

GERM 211 (3-3-0) Intermediate German I: Intermediate level studies of the language, literature, and culture of German-speaking peoples, including further development of the basic language skills, with increased emphasis on reading comprehension and writing in German. Laboratory practice required.
Prerequisite: GERM 120

GERM 212 (3-3-0) Intermediate German II: A continuation of intermediate level studies of the language, literature, and culture of German-speaking peoples, including further development of the basic language skills, with special emphasis on idiomatic usages and complex grammatical structures. Laboratory experience required.
Prerequisite: GERM 211

GERM 310 (3-3-0) Advanced Conversation and Phonetics: A course focusing on developing the level of proficiency in the basic language skills necessary to complete advanced courses taught exclusively in German.
Prerequisite: GERM 212

GERM 321 (3-3-0) German Civilization: A study of the civilization, culture, and history of German-speaking peoples, with attention to the life, customs, philosophy, art, music, and general patterns of culture. Taught exclusively in German.
Prerequisite: GERM 310

GLBL 200 (3-3-0) Global Literacy Experience I: An officially sponsored university instructional experience that enhances students' understanding of one or more of the components of the "Global Literacy" core curriculum requirement. Experiences at the 200 level identify, examine, and synthesize aspects of the following: global diversity; global heritage, such as the arts, sciences, philosophy, literature, economics, language, and athletics; and global interdependence. Academic credit is based on the following formula: one semester credit is equivalent to 750 minutes of documented instruction. The course may be repeated for credit provided the subject matter is different.

GLBL 300 (3-3-0) Global Literacy Experience II: An officially sponsored university instructional experience that enhances students' understanding of one or more of the components of "Global Literacy" core curriculum requirement. Experiences at the 300 level primarily examine and synthesize aspects of global diversity, global heritage, and global interdependence. Academic credit is based on the following formula: one semester credit is equivalent to 750 minutes of documented instruction. The course may be repeated for credit provided the subject matter is different.

GLBL 400 (3-3-0) Global Literacy Experience III: An officially sponsored university instructional experience that enhances students' understanding of one or more of the components of "Global Literacy" core curriculum requirement. Experiences at the 400 level primarily synthesize the following: one's self-awareness with global diversity; the diffusion of global heritage through globalization; and models of global interdependence. Academic credit is based on the following formula: one semester credit is equivalent to 750 minutes of documented instruction. The course may be repeated for credit provided the subject matter is different.

HCM 200 (3-3-0) Ethics for Health Professions: In an era of advanced technology, economic pressure, and national discussions about universal affordable healthcare, professionals require a strong foundation of practice-based ethics to inform their decisions. This course provides an introduction to the theories and principles of ethics and civic responsibility. The course also focuses on the application of ethical theory to a wide range of problems that commonly occur within healthcare settings. In addition, students will explore and understand how ethical theories can inform practice within the healthcare industry.

HCM 310 (3-3-0) Organization of Health Care System: This course provides an introduction to the Health Services Industry. The course will examine key components, characteristics, and organization of the health care system as well as trends and management challenges in the provision of care to a diverse population.

HCM 311 (3-3-0) Principles of Health Care Management: This course presents the foundation principles and dynamics of health care management, the healthcare system, and basic concepts and skills in administration. The institutional, social, and political forces in the field of healthcare are analyzed. Topics include fundamentals of management in healthcare and contemporary issues.

HCM 312 (3-3-0) Medical Terminology/Health Care Managers: This course provides an introduction to the language of health care. The course will examine key terms managers and health care providers need to be successful in the health care industry.

HCM 313 (3-3-0) Medical Coding for Managers: This course will prepare healthcare managers to understand and improve their competence in medical coding as it relates to billing and insurance by providing an introduction as well as in-depth study of Current Procedural Terminology, International Classification of Diseases, 10th Revision, Clinical Modification (ICD 10-CM), and third-party reimbursement. By the end of the course the student will be prepared to sit for the state exam to become a certified medical coder.
Prerequisite: HCM 312

HCM 330 (3-3-0) Healthcare Policy and Law: This course provides an introduction to a wide range of topics in the area of health policy, and law. Students will become familiar with the evolution of health care policy as well as potential legal and problems in various health care settings. They will also learn to differentiate between legal and ethical problems. Among the subject areas covered are licensing, professional liability, confidentiality, informed consent, professional relationships, access issues, antitrust, and bioethical issues, with particular emphasis on how these areas impact management practice.
Prerequisite: HCM 310 And HCM 311 And BADM 209

HCM 350 (3-3-0) Healthcare Quality Management: This course presents the basic principles and tools associated with quality management. The topics include the definition of quality and its function in health services; pioneers in quality; strategic quality planning; quality tools; customer voice; market voice; statistical quality control and international issues and standards.
Prerequisite: HCM 310 And HCM 311 And BADM 216

HCM 370 (3-3-0) Marketing Management in Healthcare: This course provides a foundation for managing the marketing function in healthcare. Particular attention is given to both the use of marketing tools to facilitate attainment of organizational goals in healthcare and the unique issues faced by the healthcare marketers.
Prerequisite: ACCT 211 And ECON 211 Or ECON 212

HCM 390 (3-3-0) Comparative Health Systems: Innovation is required to meet the challenges of healthcare delivery, thus the ability to compare and evaluate global approaches enables the healthcare professional to consider and adopt ideas that can be applied to their own system of care. This course examines factors that impact healthcare delivery worldwide, through analysis of the characteristics of global healthcare delivery systems and the governmental, economic, social and political forces that influence them. Special emphasis is placed on comparison to the U.S. healthcare system.
Prerequisite: HCM 310 And HCM 311And HCM 330

HCM 410 (3-3-0) Human Resource Management for Health Services: This course is designed to explore key concepts, theories, and issues of human resource management as they relate to meeting the challenges faced by health service organizations. The strategic value of human resource management will be emphasized as will the healthcare workforce, diversity, and human resource competencies.
Prerequisite: HCM 310 And HCM 311

HCM 420 (3-3-0) Managed Care: This course is intended to provide a foundation for managed care and practice and contractual arrangements, including the evolution of managed care as well as an exploration of the various tools that have been developed to improve systems of care. Particular emphasis is placed on contemporary/integrated systems of care.
Prerequisite: HCM 310 And HCM 311 And HCM 330 And HCM 350

HCM 430 (3-3-0) Leadership for Health Service Organizations: This course provides a foundation to study leadership theory and practice as they relate to health service organizations. Further, the course seeks to provide an understanding of how healthcare leaders can achieve organizational goals through concrete behaviors and actions across interconnected disciplines and diverse populations.
Prerequisite: HCM 310 And HCM 311 And HCM 410 Or MGMT 410

HCM 450 (3-3-0) Healthcare Senior Seminar: This course provides an introduction to health services research for senior students within healthcare management, including fundamentals of health services research and managerial epidemiology. A health services research project with a focus on managerial applications will be facilitated through a service learning format.
Prerequisite: HCM 310 And HCM 311 And HCM 330 And HCM 350 And HCM 420

HCM 460 (3-3-0) Health Services Research I: This class is designed as an introduction to health service research as it applies to healthcare delivery, facilitating the basic skills needed to design a successful research proposal.
Prerequisite: HCM 310 And HCM 311 And HCM 330 And HCM 350 And HCM 420

HCM 461 (3-3-0) Health Services Research II: This class is designed to facilitate successful progress from a proposal to a completed research project. Topics included are relevant to all research projects. This course provides an opportunity to expand basic research skills introduced in HCM 460 (Health Services Research I). This course will provide a review of the initial steps required to write a research proposal, but will emphasize implementation of a research project with faculty direction.
Prerequisite: HCM 460 And permission of instructor

HCM 470 (3-3-0) Healthcare Strategy: This course introduces you to the complexities of strategy analysis, strategy formulation, and strategy implementation in healthcare organizations. The course is divided into different topic areas to investigate these three major processes. We will discuss the basic concepts underlying each topic area. Additionally, we will discuss cases and examples that describe how a real organization confronted successfully (or unsuccessfully) the issues covered in the topic. Two capabilities are of particular importance: (1) the ability to critically evaluate the profit potential of industries or environments and deal with the threats and opportunities presented by each; and (2) an understanding of how organizations work. Because this is a writing intensive course, organization, logical consistency, grammar, and clarity of your writing will impact your grade.
Prerequisite: BADM 215 And ENGL 344 And FINC 311 And FINC 336 And HCM 310 And HCM 311 And HCM 370 Or MKTG 311

HCM 490 (3-3-0) Healthcare Internship: This course provides supervised field work for exemplary senior students within the healthcare management concentration. Students work with health service professionals within the host organization to expand their expertise in solving management problems and to increase their awareness of the issues involved in the day to day operations of the organization. Student performance will be evaluated on the basis of an appraisal by the preceptor and a detailed project report submitted by the student.
Prerequisite: HCM 310 And HCM 311 And HCM 330 And HCM 420 And Senior standing And Instructor

permission

HEED 112 (2-2-0) Health and Wellness: This course deals with basic concepts of personal and community health in a complex modern society. Sexuality, population planning, mental health, nutrition, fitness, health care delivery system, and diseases of infectious and non-infectious nature are considered. Health behavior and behavior change for quality living for the individual and community are stressed.

HEED 212 (3-3-0) Health Promotion and Wellness: An introduction to health concepts as they relate to the individual, family, and community. Designed to acquaint students with behaviors that promote health and reduce risks to diseases.

HEED 300 (3-3-0) Human Sexuality: A study of concepts and methods for sex education programs, including physiological, social and educational aspects of human sexuality, and emphasizing preparation for teaching about human sexuality in K-12 programs.

HEED 301 (3-3-0) Drug Education: An in-depth study of the use and abuse of legal and illegal drugs, alcohol and tobacco; the psychological and sociological factors associated with drug experimentation and abuse; and the psychosocial and physiological effects of drugs on health and behavior.

HEED 310 (3-3-0) Mental and Emotional Health: A study of the fundamental principles underlying emotional health, including human relationship, stress, social-learning adjustments, personality, and life styles.

HEED 311 (3-3-0) Environmental Health: A study of major areas of environmental health, including the health concerns, problems, and diseases arising from environmental pollutants.

HEED 320 (2-2-0) Introduction to Health Education: This is an introductory course to school health and to community health education. The basic philosophy, principles, and content of health education are discussed as basic background for suggested solutions of health problems. Twelve hours field experience is required.

HEED 321 (3-3-0) Health in Early Childhood Education: An introduction to the principles, content, practices, and procedures basic to health education in early childhood, K-3.

HEED 322 (3-3-0) Health in the Intermediate Grades: An introduction to the principles, content, practices, and procedures basic to health education at the intermediate level.

HEED 340 (3-3-0) Organization and Administration of School/Community Health Education: A study of modern theories and guiding principles in the organization and administration of school-community health education programs, including coverage of such topics as program planning, fiscal management, vital statistics, and laws pertaining to school-community health.

HEED 372 (3-3-0) First Aid and Safety Education: A study of the principles and practices of first aid and safety techniques, with emphasis on emergency procedures and safety-related agencies and their services. Also includes the teaching of first aid and safety K-12.

HEED 401 (3-3-0) School Health Program: A study of the roles of the classroom teacher, the school nurse-teacher, and other related personnel in the development and implementation of a total school health curriculum, including content, methods, and materials appropriate to elementary, intermediate, and

secondary levels.

HEED 410 (3-3-0) Introduction to Epidemiology: The principles of epidemiology used in the investigation of each event, such as disease, accidents, and other health-related problems. These principles will be demonstrated by a class project of epidemiologic investigation. An in-depth study of major public health problems, with emphasis on the K-12 classroom teacher as the change agent for a healthier society through health education.

HEED 411 (3-3-0) Public Health Problems: An in-depth study of major public health problems, with emphasis on the K-12 classroom teacher as the change agent for a healthier society through health education.

HEED 420 (3-3-0) Nutrition: An introduction to the principles and concepts of nutrition, with emphasis on the importance of nutrition education for the development of healthy eating habits.

HEED 421 (3-3-0) Methods and Materials in Teaching Health K-6: An introduction to the content, principles, practices, and procedures in health education at the elementary level, with special focus on the role of the teacher in the elementary school health program.

HEED 431 (3-3-0) Adapted Physical Education: A study of principles and methods for adapting health and physical education programs to handicapping conditions. These principles and methods will be demonstrated by evaluations of physical, perceptual-motor and postural fitness levels, and the design, implementation, and evaluation of an active diversified adapted program. A 25 clock hour laboratory experience is required.

HEED 441 (3-3-0) Measurement and Evaluation in Health Education: An introduction of fundamental statistics for measuring and evaluating the effectiveness of health education and community health programs.

HIPO 300 (3-3-0) Contemporary African American Politics: A study of selected issues related to African-Americans living in America, with emphasis on contemporary political organizations and activities of African-Americans.

HIPO 310 (3-3-0) Political History of Contemporary China: A study of political development in China from the Revolution of 1911 through the consolidation of power by Mao Tse-tung in the postwar period and continued through successive leaders to the present.

HIPO 341 (3-3-0) Constitutional Law and History: A study of basic principles of the constitutional system, with particular emphasis upon cases that deal with the framework of the American federal system.
Prerequisite: POLI 210

HIPO 342 (3-3-0) Civil Rights and Constitution: A study of constitutional principles and their applications as they affect individual civil rights.
Prerequisite: POLI 210

HIPO 440 (3-3-0) Modern Ideologies: A study of the principal modern political ideologies: capitalism, communism, fascism, and socialism.

HIST 100 (3-3-0) Social Institutions: An historical survey of the development of the basic social institutions such as family, religion, politics, economics, the arts, and education presented as a case study of the African-American experience from past civilizations in Africa to contemporary American society.

HIST 110 (3-3-0) World History to 1600: An historical survey of the development of civilizations in Asia, Europe, Africa, and the Americas from their beginnings to 1600, with attention to the governmental, social, religious, economic, political, intellectual, and aesthetic movements and activities that contributed to their development. Offered every semester.

HIST 120 (3-3-0) World History since 1600: An historical survey tracing the continuing development of civilization from the beginning of the seventeenth century to the present day, with attention to the governmental, social, religious, economic, political, intellectual, and aesthetic movements and activities that contributed to their development, with special consideration of the movements, ideologies, revolutions, and wars that helped to shape modern history. Offered every semester.

HIST 210 (3-3-0) African-American History: A study of African-American social, economic, cultural and political history, with emphasis on the contributions of African-Americans to the social, cultural, economic, and intellectual life of American society and with attention to the role of African-Americans in the exploration, settlement, and development of America, the experience of slavery, and the struggle for civil rights. Offered every semester.

HIST 211 (3-3-0) The United States to 1865: A survey of American history from the colonial period through the Civil War. Offered every semester.

HIST 212 (3-3-0) The United States since 1865: A survey of American history from the era of Reconstruction to the present. Offered every semester.

HIST 270 (3-3-0) An Introduction to Africa in the World: This course seeks to explore the distinguishing features of the peoples and topography of Africa. Moreover, efforts will be made to assay the interactions of these peoples with the outside world in a way that will reveal the truth about them rather than to recycle myths and prejudices.

HIST 271 (3-3-0) Environmental History of the West, 1750 to Present: This course will present a history from the eighteenth century to the present of interactions between humankind and the environment. Students will explore changing conceptions of the environment over time through lectures, discussions, readings, and research projects. This course will also emphasize major events historically, the transformed perceptions of nature, and the rise of historical phenomena such as colonization, imperialism, romanticism, industrialization, consumerism, conservation, and environmentalism.

HIST 301 (3-3-0) The Era of Civil War and Reconstruction: A study of the War Between the States, with an examination of the forces that led to the outbreak of the conflict between North and South, the ramifications of the Union victory, and the problems of reconstruction following the war.
Prerequisite: HIST 211 And HIST 212

HIST 302 (3-3-0) Modern America 1914 to Present: A study of the United States as a modern industrial nation and as a world power, particularly since 1945.
Prerequisite: HIST 211 And HIST 212

HIST 311 (3-3-0) Early Modern European History, 1600-1789: A survey of the political, economic, social, and cultural developments in Europe from the late Reformation to the outbreak of the French Revolution.
Prerequisite: HIST 110 And HIST 120

HIST 312 (3-3-0) Modern European History, 1789 to the Present: A survey of the political, economic, social, and cultural developments in Europe from the French Revolution to the present.
Prerequisite: HIST 311

HIST 321 (3-3-0) American Social History: A study of the daily life, institutions, intellectual developments, and artistic achievements in America from the Agrarian Era, 1607-1861, through the Urban Industrial Era, 1861 to the present.
Prerequisite: HIST 211 And HIST 212

HIST 322 (3-3-0) Ethnic Minorities in American Urban History: A study of the impact of urban life on the history of minority groups in the United States, with special emphasis on the relationships between the urban social order, the condition of minority groups since 1900, and the contributions of minority groups to the American city.
Prerequisite: HIST 211 And HIST 212

HIST 323 (3-3-0) Oral History: A study of basic oral history techniques, including interviewing, transcribing, and writing a narrative based on the materials produced.

HIST 331 (3-3-0) History of Modern East Asia: A study of modern China from the decline of the Manchu Dynasty in the mid-nineteenth century through the events of Tienanmen Square, and of modern Japan from the Meiji Restoration through its post-World War II development as a leading industrial nation.
Prerequisite: HIST 110 And HIST 120

HIST 340 (3-3-0) American Diplomatic History: A study of American diplomacy from the colonial period to the present, with emphasis on U.S. foreign relations in the twentieth century. Offered on request.
Prerequisite: HIST 211 And HIST 212

HIST 350 (3-3-0) History of Latin America: A study of the political, economic, and social institutions and problems of contemporary Latin American nations.
Prerequisite: HIST 110 And HIST 120

HIST 351 (3-3-0) Ancient History: A study of the origins, development, and contributions of the ancient Near Eastern, Greek, and Roman civilizations, through the fall of the Roman Empire.
Prerequisite: HIST 110 And HIST 120

HIST 352 (3-3-0) North Africa and the Middle East: A study of Islamic civilization and culture in areas of the southern and eastern rims of the Mediterranean Sea spanning the time period from the seventeenth century to the present day.
Prerequisite: HIST 110 And HIST 120

HIST 353 (3-3-0) History of Mexico: An introduction to the social, cultural, economic, and political history of Mexico, primarily since independence (1808), with a background on the colonial and Pre-Colombian periods.

HIST 362 (3-3-0) American Military Experience: The evolution of the American military profession from colonial times to the post-World War II era, with attention to such topics as American military concepts, strategies tactics, doctrines, and technology, and the influence of military experience on American society.
Prerequisite: HIST 211 And HIST 212

HIST 370 (3-3-0) Africa South of the Sahara: A study of ancient, medieval, colonial, and modern civilizations and nations in sub-Saharan Africa, with attention to issues relating to African heritage and to the rise of contemporary African nations and cultures.
Prerequisite: HIST 110 And HIST 120

HIST 371 (3-3-0) Renaissance and Reformation: A study of the rise of individualism and humanistic thought after 1300, the fragmentation of religious and political authority in Europe, the Reformation, and the religious wars through the Treaty of Westphalia.
Prerequisite: HIST 110 And HIST 120

HIST 372 (3-3-0) History of Women in the Western World: A survey of the changes in the status of women in Western society from ancient to contemporary times, with special attention given to intergroup differences and to minority women.
Prerequisite: HIST 110 And HIST 120

HIST 375 (3-3-0) Women In Africa: This course explores women's history by region as it has changed over time under pre-colonial, colonial, and independence governments. Topics may include customs of female circumcision, bride wealth, and multiple wives; changes in the control over women's labor and women's roles in politics; the effect of structural adjustment on women; and women's role in sustainable development.

HIST 380 (3-3-0) Medieval Europe: A study of Europe from the fourth through the fourteenth centuries, with special emphasis on the characteristics of medieval political organization and socioeconomic life, the formative influence of the Church, and the cultural legacy of the Middle Ages.
Prerequisite: HIST 110 And HIST 120

HIST 390 (3-3-0) North Carolina History: A study of the history of the Tar Heel state from its origins to the present. Offered every year.

HIST 400 (3-3-0) History of the South: A study of the development of the southern United States since 1820, with special emphasis on race relations and on industrial growth in the region in the mid-twentieth century.
Prerequisite: HIST 211 And HIST 212

HIST 410 (3-3-0) Survey of American Urban History: A study of the forces that have shaped the development of the American city from the colonial era to the present time, with special attention given to the social, economic, political, and cultural effects of urban life on city dwellers.
Prerequisite: HIST 211 And HIST 212

HIST 430 (3-3-0) Twentieth Century Europe: A study of contemporary European issues originating from the two world wars, including the social and political upheavals of the twentieth century, with emphasis on the role of eastern Europe in the decade of the 1990┐s.

Prerequisite: HIST 311 And HIST 312

HIST 431 (3-3-0) Russia to 1917: A study of politics and society in Imperial Russia and the collapse of the empire in the Revolution of 1917.
Prerequisite: HIST 311 And HIST 312

HIST 432 (3-3-0) History of the Soviet Union: A study of the Soviet system and Soviet foreign policy from the Revolution of 1917 through its collapse in 1989.
Prerequisite: HIST 311 And HIST 312

HIST 441 (3-3-0) History of England: A study of the development of modern England from the English Revolution to the present, with emphasis on the rise and fall of the British empire and the evolution of the Parliamentary system.
Prerequisite: HIST 311 And HIST 312

HIST 442 (3-3-0) History of Modern Germany: A study of German history through five periods: before unification (1815-1870), under Bismarck, under Wilhelm II, between the wars, and since 1945.
Prerequisite: HIST 311 And HIST 312

HIST 450 (3-3-0) History of Terrorism and Insurgency: A study of the terrorism phenomenon throughout history, culminating in the present threat posed by transnational terrorism. Special attention is given to subjects including: different forms of historical terrorism, such as political and religious; asymmetrical warfare; the terrorism-media relationship; and anti- and counter- terrorism.

HIST 451 (3-3-0) French Revolution and Napoleon: A study of the collapse of the Ancient Regime, including an examination of the causes and effects of its demise; Napoleon's attempt to establish a new order in Europe under French hegemony; the Congress of Vienna.
Prerequisite: HIST 311

HIST 460 (3-3-0) Problems in American History: A study of selected issues in American history.
Prerequisite: HIST 211 And HIST 212

HIST 470 (3-3-0) Colonialism and Neo-Colonialism: A study of the political, economic, and strategic interests of the Great Powers in colonies and former colonial possessions during the nineteenth and twentieth centuries.
Prerequisite: HIST 311 And HIST 312 And HIST 331 Or HIST 370

HIST 480 (3-3-0) Problems in European History: A study of selected problems and issues in the history of Europe.
Prerequisite: HIST 311 And HIST 312

HIST 490 (3-3-0) Senior Seminar: Selected Topics: In-depth studies in selected areas of special interest, with supervised research and directed readings required. (For History or Social Science majors and minors.)

HIST 491 (3-3-0) Methods of Historical Research: An introduction to conventional methods of historical research and to new techniques in oral history, family history, and quantitative history. For History or Social Science majors and minors.

HIT 360 (3-3-0) Healthcare Information Systems: This course focuses on the applications of information technology to improve the quality of healthcare and to lower costs in providing healthcare services. Issues to be covered in this course include: information security, the Health Insurance Portability and Accountability Act (HIPAA), the implementation of electronic medical records (EMR), the organization of IT functions, and IT project management.
Prerequisite: MIS 300 And HCM 310 And HCM 311

HIT 370 (3-3-0) Healthcare Information Applications: This course focuses on the application of information technology to improve the quality of healthcare and to lower costs in providing healthcare services. Issues in information security, the Health Insurance Portability and Accountability Act (HIPAA), the implementation of electronic medical records (EMR), the organization of IT functions, and IT project management will be covered in this course.
Prerequisite: HIT 360

HIT 380 (3-3-0) Healthcare Business Intelligence: This course introduces students to the area of business intelligence and how it is used in healthcare. The need for business intelligence, concepts of business intelligence, big data in healthcare and enabling technologies will all be covered in this course.
Prerequisite: HIT 360 And MIS 320

HIT 460 (3-3-0) Advanced Healthcare Information Systems: This course expands the concepts taught in HIT 360 (Healthcare Information Systems). The course focuses on the application of information technology to improve the quality of healthcare and to lower costs in providing healthcare services. Issues in information security, the Health Insurance Portability and Accountability Act (HIPAA), the implementation of electronic medical records (EMR), the organization of IT functions, and IT project management will be covered in this course.
Prerequisite: HIT 360

HUMN 211 (3-3-0) Humanities: Music, Art, and Ideas I: An interdisciplinary survey course examining works of art, literature, music, philosophy, and religious thought, focusing on major stylistic developments, intellectual movements and cultural achievements of the ancient and medieval eras in Europe, the Middle East, and Africa. Completion of HUMN 211 is recommended before enrollment in HUMN 212.

HUMN 212 (3-3-0) Humanities: Music, Art, and Ideas II: The second part of an interdisciplinary survey course examining works of art, literature, music, philosophy, religious thought, and focusing on major stylistic developments and intellectual movements from the Renaissance to the present day.

HUMN 215 (3-3-0) Arts in Performance: Designed to introduce students to the basic tools an artist uses to create a work of art and to develop an awareness and appreciation of the history and ideas in the dramatic, musical, and visual arts through study and experience with these arts. Students are required to attend scheduled art, music, and theatre events outside of class and engage in critical analysis, form aesthetic judgments, and develop an appreciation of the arts. Attendance at pre- and post- production discussions and at live performances is required.
Prerequisite: HUMN 211 Or HUMN 212

INTL 200 (3-3-0) Intelligence and National Security: This course focuses on the concept, framework and applications of U.S. Intelligence and its role in the creation and implementation of national security policies.

INTL 210 (3-3-0) Introduction to Intelligence Analysis: Research, Methods and Writing: This specialized course concentrates on the analytical production of strategic intelligence and serves as an

introduction to the craft of intelligence analysis.
Prerequisite: INTL 200

INTL 220 (3-3-0) Intelligence Operations: This course covers human Intelligence (HUMINT), covert action and counterintelligence, as well as, the organizations, missions, and functions of international intelligence and security services.
Prerequisite: INTL 200

INTL 300 (3-3-0) Law Enforcement Intelligence: This course examines the role of Intelligence in the production of public policy and Law Enforcement implementation.
Prerequisite: INTL 200

INTL 310 (3-3-0) Corporate Intelligence: This course combines the study of traditional "corporate espionage" with the intelligence and counter-intelligence requirements inherent in protecting and managing intellectual property and national security information found in the industrial sector.
Prerequisite: INTL 200

INTL 320 (3-3-0) Intelligence and Military Operations: This course introduces the principles of Intelligence support for military operations including definitions and problems of strategic, operational and tactical intelligence; various aspects of military operations; and significant past, present and future events, operations and implications involving intelligence and military operations.
Prerequisite: INTL 200

INTL 330 (3-3-0) The History of Intelligence: This course explores the principles of the history of Intelligence. Topics include definitions and problems of the history of Intelligence; various aspects of the history of Intelligence; and significant past, present and future events, operations and implications involving the history of Intelligence.
Prerequisite: INTL 200

INTL 400 (3-3-0) Advanced Intelligence Analysis: Research, Methods and Writing: This advanced course serves as follow-on to the introductory analysis course and provides for the application of knowledge and further skill development of the analytical tradecraft. Special topics include analytical research, methodologies and writing.
Prerequisite: INTL 210

INTL 410 (3-3-0) Ethics and Intelligence: This course will examine the pertinent role of ethics in the business of Intelligence within the context of national security. Ethical theories, the role of ethics, protection of individual civil rights, ethical dilemmas posed by several current challenges and ways to make ethics a larger part of the national security dialogue will be addressed.
Prerequisite: INTL 200

INTL 420 (3-3-0) Anthropological Issues in Intelligence: This course investigates the historical and contemporary cultural, religious, and social distinctions between the world's peoples as these variables bear on the Intelligence function.
Prerequisite: INTL 200

INTL 430 (3-3-0) Strategic Intelligence Issues: Exploring a number of vital and current issues relative to strategic Intelligence, this advanced course is intended to assess intelligence requirements and develop strategies for the successful use of intelligence in U.S. foreign and security policy in the first decades of the

twenty-first century.
Prerequisite: INTL 200

INTL 440 (3-3-0) Emerging International Security Threats: This course surveys a suite of emerging international threats which pose serious security risks to international development, stability and progress. The purpose is to assess the future international security environment in order to help develop government policy, strategy and plans for dealing with emerging security threats like genocide; organized crime; narcotics trade; human trafficking; weapons proliferation; environmental, energy, health and financial perils; regional issues; and other related topics.
Prerequisite: INTL 200

INTL 450 (3-3-0) International Terrorism: This course focuses on a wide range of relevant topics from the historical background and roots to the sociological, economic, and psychological aspects of International Terrorism and to the actual operational factors and policy implications.
Prerequisite: INTL 200

INTL 460 (3-3-0) National Security Policy: This course will focus on U.S. national security and related-policy and the domestic and global factors affecting implementation.
Prerequisite: INTL 200

INTL 462 (3-3-0) International Weapons Proliferation and Weapons of Mass Destruction: This course explores worldwide proliferation of weapons and military hardware with special attention given to weapons of mass destruction.
Prerequisite: INTL 200

INTL 470 (3-3-0) Internship: This course is designed for students to serve an external internship. As an intern, the students will be supervised in an experience in the application of principles and techniques to various areas of public service.
Prerequisite: INTL 400

INTL 480 (3-3-0) Senior Seminar: This course serves as a capstone class for students completing the Intelligence Studies program. It requires students to integrate and apply knowledge gained from the overall program curriculum. As part of the Senior Seminar, the students will research, write and present the findings and results of a topic that has significance to the profession of Intelligence Studies.
Prerequisite: INTL 400

INTL 490 (3-3-0) Advanced Readings and Research: This course allows students to conduct intensive, independent research studies of selected topics. The student will research, write and present the findings and results of the research.
Prerequisite: INTL 400

MATH 120 (3-3-0) Finite Mathematics: An introduction to mathematical sets, logic, probability, statistics, and the metric system.

MATH 121 (3-3-0) or (4-3-2) Introduction to College Algebra: This course provides a foundation in algebraic concepts and problem solving skills for students who are preparing to take college algebra or precalculus I. Topics include arithmetic of real numbers, simplifying expressions (polynomial, rational, radical, etc.), and solving equations and inequalities (linear, quadratic, radical, etc.). When taken for 4 credits,

two lab hours are included.

MATH 123 (3-3-0) or (4-3-2) College Algebra: An algebra course containing the following topics: sets, the real number system, exponents, radicals, polynomials, equations, inequalities, relations and functions, graphing, conic sections, exponential and logarithmic functions, systems of equations, complex numbers, mathematical induction, and the binomial theorem. A graphing calculator is required. When taken for 4 credits, two hours of lab are included.
Prerequisite: MATH 121 Or High School Algebra I, II, And Plane Geometry Or equivalent, And satisfactory profile examination score.

MATH 124 (3-3-0) College Trigonometry: A trigonometry course containing the following topics: trigonometric functions defined on angles, circular functions, graphs, inverse trigonometric functions, identities, trigonometric equations, law of cosines, law of sines, and complex numbers. A graphing calculator is required.
Prerequisite: MATH 123 Or High School Algebra I, II, And Plane Geometry Or equivalent, And satisfactory profile examination score.

MATH 126 (3-3-0) or (4-3-2) Quantitative Reasoning: This is a basic quantitative reasoning course with emphasis on concepts and applications of mathematical and statistical methods. This activity based quantitative reasoning course introduces students to basic mathematics, probability and risk, summarizing and analyzing data, regression and correlation, geometric modeling, and financial mathematics. Spreadsheets and course specific software will be used to deepen understanding of these concepts and increase student engagement with the course material. When taken for 4 credits,two lab hours are included.
Prerequisite: MATH 121 Or High School Algebra I, II, And Plane Geometry Or equivalent, And satisfactory profile examination score.

MATH 129 (3-3-0) or (4-3-2) Precalculus Mathematics I: This course is the first of a two-semester sequence that provides a background for students who are preparing to take calculus. Topics include sets, the real number system, exponents, radicals, polynomials, equations, inequalities, functions, relations, graphing, conic sections, and rational, exponential, and logarithmic functions. A graphing calculator is required. When taken for four credits, two hours of lab are included.
Prerequisite: High School Algebra I, II, And Plane Geometry Or equivalent, And satisfactory profile examination score.

MATH 130 (3-3-0) or (4-3-2) Precalculus Mathematics II: This course is the second of a two-semester sequence that provides the background for students who are preparing to take calculus. Topics include graphing, systems of equations, matrices, complex numbers, mathematical induction, the binomial theorem, sequences and series, polar coordinates, parametric equations, trigonometric functions, inverse trigonometric functions, law of sines, law of cosines, and trigonometric identities. A graphing calculator is required. When taken for four credits, two hours of lab are included.
Prerequisite: MATH 129

MATH 131 (3-3-0) or (4-3-2) Algebra and Trigonometry: An in-depth study of the topics covered in MATH 129 and MATH 130. A graphing calculator is required. When taken for four credits, two hours of lab are included.
Prerequisite: High School Algebra I, II, And Plane Geometry Or equivalent, And satisfactory profile examination score.

MATH 140 (4-4-0) Applied Calculus: A course in calculus applicable to business and the social sciences incorporating a review of college algebra and studies of linear equations, functions and their limits,

derivations, applications of derivatives, exponential and logarithmic functions, antiderivatives, definite integrals and applications, and numerical techniques and applications.
Prerequisite: MATH 123 Or MATH 129

MATH 142 (4-3-2) Calculus with Analytic Geometry I: The first course of a three-semester sequence in calculus with analytic geometry, including studies of graphs, functions, limits, differentiation, applications of differentiation, integration, and applications of the definite integral.
Prerequisite: (MATH 129 And MATH 130) Or MATH 131

MATH 150 (3-3-0) Discrete Mathematics I: The first course of a two-semester sequence in discrete mathematics, providing the theoretical base and support for computer science and including operations on sets; Cartesian products and tuples; combinatorial objects; Venn diagrams; event spaces and basic probability; number systems; the statement calculus; rules of inference and validity of arguments; inductive proofs; the concept of an algorithm; equivalence relations; partial ordering relations; graphs and digraphs as relations, including trees and shortest paths in digraphs; basic definitions and notations of functions; and recurrences for the analysis of algorithms.
Prerequisite: (MATH 129 And MATH 130) Or MATH 131

MATH 241 (4-3-2) Calculus with Analytic Geometry II: The second course of a three-semester sequence in calculus with analytic geometry, including studies of the notion of integral, the Fundamental Theorem of Calculus, techniques of integration, improper integrals, applications of integration, differential equations, infinite series and tests of convergence, power series, and Taylor series.
Prerequisite: MATH 142

MATH 242 (4-3-2) Calculus with Analytic Geometry III: The third course of a three-semester sequence in calculus with analytic geometry, including studies of vectors, vector-valued functions, functions of several variables, partial derivatives, gradients, directional derivatives, maxima and minima, multiple integrals and applications, line and surface integrals, Green's Theorem, Stokes' Theorem, and Divergence Theorem.
Prerequisite: MATH 241

MATH 250 (3-3-0) Discrete Mathematics II: A continuation of MATH 150, including an introduction to graph theory, graph algorithms, representations of graphs, planar graphs, graph algorithms, minimal spanning trees, tree traversals, decision trees, game trees, network models, max flow min cut theorem, matching, Boolean algebra and combinatorial circuits and applications, automata, grammars and languages, the closest-pair problem, and convex hull.
Prerequisite: MATH 150

MATH 251 (3-3-0) Linear Algebra: This course provides a study of topics including vectors, matrices, matrix operations, the system of linear equations, Gauss-Jordan elimination, determinants, vector spaces and subspaces, linear independence, bases, linear transformations, rank and kernel, eigenvalues and eigenvectors, diagonalization, inner products, Euclidean spaces, and the Gram-Schmidt process.
Prerequisite: MATH 130 Or MATH 131

MATH 260 (3-3-0) Foundations of Mathematics: A course designed to help students transition to upper level courses in mathematics. Topics include set theory, logic, proof techniques, induction, equivalence relations, functions and cardinality, countable and uncountable sets, and sequences.
Prerequisite: MATH 142 And MATH 150

MATH 262 (3-3-0) Modern Geometry: This course in modern geometry focuses on axiomatic methods and proofs. Topics from Euclidean geometry include lines, angles, triangles, quadrilaterals, congruent and

similar triangles, circles, polygons, areas, and volumes. Some topics from non-Euclidean geometry are also included.
Prerequisite: (MATH 129 And MATH 130) Or MATH 131

MATH 312 (3-3-0) History of Mathematics: A survey of mathematics incorporating biographical accounts of persons who have contributed significantly to the development of mathematics, descriptions of their achievements, and discussions of other major topics of interest in mathematics.
Prerequisite: MATH 142

MATH 315 (3-3-0) Applied Cryptography: This course is an introduction to classical and modern cryptography. We apply elementary number theory to the problems of cryptography. Topics include classical cryptosystems, basic number theory, the data encryption standards, the RSA algorithm, discrete logarithms, Hash functions, digital signatures, digital cash, secret sharing schemes, and the zero knowledge techniques. A computer algebra system will be used.
Prerequisite: MATH 150

MATH 320 (3-3-0) Difference Equations: An introductory course in difference equations and discrete dynamical systems including studies of difference calculus, first order difference equations, higher order linear difference equations, basic theory of linear systems of difference equations, linear periodic systems, stability theory, Liapunov's second method, Z-transform, asymptotic behavior of solutions.
Prerequisite: MATH 241 And MATH 251

MATH 325 (3-3-0) Discrete Optimization: A course including such topics as maximization and minimization problems in graphs and networks, matching theory, (shortest paths, minimum spanning trees, maximum flows, minimum cost flows); transportation and trans-shipment problems, NP-completeness.
Prerequisite: MATH 150

MATH 331 (3-3-0) Differential Equations I: The first course of a two-semester sequence in differential equations, emphasizing applications to science and engineering and including the following topics: first order differential equations, second order linear differential equations, higher order linear equations, the Laplace Transform, and series solutions of second order linear equations.
Prerequisite: MATH 242

MATH 340 (3-3-0) Topics in Mathematics: A study of major topics of current interest in mathematics not covered in existing courses.

MATH 345 (3-3-0) Mathematics of Interest Rates: The course closely follows the financial mathematics syllabus of society of actuaries. The purpose of the course is to develop practical knowledge of the theory of interest in both finite and continuous times, know how these concepts are used in the various annuity functions, and be able to apply the concepts of present and accumulated value for various streams of cash flows as a basis for future use in reserving, valuation, pricing, duration, asset/liability management, investment income, capital budgeting, and contingencies.
Prerequisite: MATH 140 Or MATH 142

MATH 350 (3-3-0) Mathematics of Financial Markets: This course covers the usage and pricing of derivatives. Subjects include the basis features of futures and options, binomial option pricing, the Black-Scholes formula, interest rate based derivatives, volatility measurement, and dynamic trading strategies. It also covers arbitrage-based derivatives pricing approaches and quantitative analysis.
Prerequisite: MATH 242 And STAT 301

MATH 361 (3-3-0) Introduction to Modern Algebra I: The first course of a two-semester sequence introducing fundamental concepts and proof techniques used in abstract algebra and including studies of groups, normal subgroups, quotient groups, homomorphisms, rings, ideals, quotient rings, integral domains, fields, and related topics.
Prerequisite: MATH 251 And MATH 260

MATH 362 (3-3-0) Introduction to Modern Algebra II: This course is a continuation of MATH 361 and presents a deeper and more extended study of rings, ring homomorphisms and ideals, factor rings, properties of ideals, integral domains, unique factorization domains, polynomial rings, irreducibility tests, field extensions, algebraic extensions, an introduction to Galois Theory, and related topics.
Prerequisite: MATH 361

MATH 372 (3-3-0) Linear Programming: A study of methods and applications of optimizing a linear function subject to linear constraints, the theory of the simplex method and duality; parametric linear programs; sensitivity analysis; modeling and computer implementation.
Prerequisite: MATH 251

MATH 380 (3-3-0) Nonlinear Programming: This course includes methods for unconstrained optimization such as golden section search method, gradient method, Newton's method and conjugate direction method; and methods for constrained optimization, including Lagrange multipliers, Kuhn-Tucker Theory, and duality.
Prerequisite: MATH 251

MATH 400 (3-3-0) Diag/Prescript Math: A course examining diagnostic teaching in the context of a general approach to mathematics instruction, with emphasis on strengthening students' knowledge of mathematics and instructional psychology.

MATH 405 (3-3-0) Principals of Discrete Applied Mathematics: This course is a study of illustrative topics in discrete applied mathematics including sorting algorithms, information theory and data compression, coding theory, secret codes, generating functions, Fourier transforms, linear programming, game theory. There is an emphasis on topics that have direct application in the real world.
Prerequisite: MATH 150 And STAT 202

MATH 410 (3-3-0) Introduction to Calculus of Variations and Optimal Control: Introduction to calculus of variations and optimal control for dynamical systems; the Pontryagin Maximum Principle, necessary conditions for optimality and computational techniques for solution of the necessary conditions.
Prerequisite: MATH 331

MATH 412 (3-3-0) Advanced Calculus: A comprehensive and rigorous study of the concepts of limit, continuity, topology on the real line, properties of continuous functions, Mean Value Theorem and Taylor's Formula, and calculus of one variable.
Prerequisite: MATH 242 And MATH 260

MATH 415 (3-3-0) Intro to Wavelets and Data Compression: This course presents the basic principles of wavelets and data compression. Wavelets have had quite a huge impact in the signal processing community, especially with regard to applications like compression (speech, audio, image and video, modeling and restoration). The course will cover topics including: inner products and norms of n-dimensional vectors, orthogonal matrices and block matrix arithmetic, Entropy and Cumulative Energy, peak signal to noise ratio, complex numbers and Euler's formula, Fourier series, convolutions, lowpass/highpass filters, Haar Transformations, Daubechies filters, Gaussian white noise, and the VISUShrink denoising

technique. A significant amount of the course is dedicated to programming.
Prerequisite: MATH 241 And MATH 251

MATH 420 (3-3-0) Mathematical Modeling: This course is intended to help students establish mathematical skills needed for solving various practical problems. The focus of the course is to seek the connections between mathematics and practical systems, and illustrate the modeling procedure through examples from physics, biology, chemistry, engineering, economics and other areas. Students will learn how to apply various modeling techniques to create mathematical description of a practical system, and use analysis and computer simulations to make predictions about the system's behavior.
Prerequisite: MATH 251 And MATH 331

MATH 431 (3-3-0) Differential Equations II: A continuation of MATH 331, including the following topics: numerical methods; nonlinear differential equations and stability; Fourier Series and classical partial differential equations; boundary value problems and the Sturm-Liouville Theory; the system of linear differential equations; and the existence theory.
Prerequisite: MATH 251 And MATH 331

MATH 432 (3-3-0) Read/Honors in Math: An introduction to methods of research and independent study in mathematics. For seniors and/or honor students.

MATH 433 (3-3-0) Math Conc/Elem Sch Tch: A course for pre-service and in-service teachers at the intermediate level, emphasizing sets and the set theory, the development of the real number system, measurements, the use of manipulative materials, elements of geometry, computer utilization, and problem solving.

MATH 435 (3-3-0) Partial Differential Equations with Applications: A course containing the following topics: first order partial differential equations; the wave equation; the diffusion equation; the Laplace equation; d'Alembert's solution; Duhamel's principle; the classification of partial differential equations; elliptic, parabolic, and hyperbolic partial differential equations; Stability theory; energy conservation; Sturm-Liouville problems; Fourier series; integral transforms; Laplace transforms; Greens's functions; and variational methods. Applications in medicine, engineering, meteorology, and industry will be discussed. Mathematical software such as ACSL, Maple, and Mathematica will be used.
Prerequisite: MATH 242 And MATH 331

MATH 440 (3-3-0) Applied Numerical Methods: A course on numerical methods including topics such as: nonlinear equations, linear systems, interpolation and polynomial approximation, curve fitting numerical differentiation, numerical integration, numerical optimization, solution of differential equations, eigenvalues, and eigenvectors. Mathematical software such as Maple, Matlab, and Mathematica will be used.
Prerequisite: MATH 431

MATH 450 (3-3-0) Selected Topics in Mathematics: Advanced study of major topics in mathematics from fields such as topology, advanced calculus, complex analysis, or modern algebra. Course may be repeated for credit with approval of department.

MATH 461 (3-3-0) Theory of Real Variables: A comprehensive and rigorous study of real variable functions including differentiability, the Riemann Integral, sequences of functions, infinite series, the generalized Riemann integral, and an introduction to the Lebesgue Integral.
Prerequisite: MATH 412

MATH 472 (3-3-0) Theory of Numbers: A study of the elementary properties of integers, invisibility, Euclid's Algorithm, prime numbers, and congruences.
Prerequisite: MATH 260

MATH 481 (3-3-0) Introduction to Topology: A study of topics in the field of point set topology, including topological and metric spaces and an overview of various topological properties such as separation axioms, countability, compactness, connectedness, continuity, and homeomorphisms.
Prerequisite: MATH 412

MATH 485 (3-3-0) Teaching Secondary School Mathematics Using Technology I: This course is a comprehensive study of teaching secondary mathematics with technology. The emphasis is placed on algebra, calculus, data analysis, probability, and statistics.

MATH 486 (3-3-0) Teaching Secondary School Mathematics Using Technology II: This course is a continuation of MATH 485. It provides a comprehensive study of teaching secondary school mathematics using technology, with emphasis on geometry and measurement.
Prerequisite: MATH 485

MATH 492 (3-3-0) Complex Variables: A rigorous study of elementary functions, differentiation and integration of analytic functions, Taylor and McLaurin series, Residue Theorem, and contour integration.
Prerequisite: MATH 412 Or MATH 461

MATS 160 (3-3-0) Introduction to Materials Science: This course is an introduction to topics in materials science, including the synthesis, fabrication, structures, properties and applications of materials. It covers various types of materials, such as metals and alloys, ceramics, polymers, and composite materials. Projects will be done using laboratory optical and electron microscopes to study the structure of various samples.
Prerequisite: CHEM 141 And CHEM 142

MATS 260 (3-3-0) Introduction to Nanomaterials: This course is an introduction to the rapidly developing field of nanomaterials and their applications. Topics cover nanomaterials properties, fabrication, and characterization. Students will work in small groups to carry out projects on nanomaterial imaging of provided specimens, using electron microscopy and/or atomic force microscopy.
Prerequisite: MATS 160 And CHEM 161 And CHEM 162 And (PHYS 112 Or PHYS 122) Or instructor consent

MATS 301 (4-3-2) Polymer Science: This course covers general concepts about polymeric systems including synthesis, characterization, structure development and bulk properties. Applications of polymers including fibers and composites are also covered.
Prerequisite: MATS 204 And CHEM 161 And CHEM 162

MATS 311 (4-2-4) Scanning Electron Microscopy and Microanalysis: This course provides students with cutting-edge electron microscopy research skills using stateof-the-art scanning electron microscope (SEM) and electron microprobe analyzer (EMPA), to study the structure of diverse material or biological samples. It comprises both theories in the lectures and hands-on trainings in the laboratories. Upon completion of the course, the students are trained to utilize the microscopy skills for independent research.
Prerequisite: MATS 204 And (PHYS 112 Or PHYS 122)

MATS 321 (3-3-0) X-Ray Diffraction Analysis: This course provides fundamental knowledge and analyzing skills in X-ray diffraction method. It covers the physics of X-ray generation, characteristics and safety issues; crystal geometry and Bragg diffraction; and various applications of XRD for materials research,

including crystal structure determination, precise lattice parameter measurement, qualitative and quantitative phase analyses, crystal size and stress measurement.
Prerequisite: MATS 204 And CHEM 161 And CHEM 162 And (PHYS 112 Or PHYS 122)

MATS 360 (4-3-2) Introduction to Electronic Materials: This course is an introduction to the fundamental properties of semiconductors used in electronic, optoelectronic, and photovoltaic fields. The emphasis will be on material electronic and optical properties, which are intertwined with crystal structure and chemical composition of such materials. Laboratory activities will be carried out in the form of problem-solving through computer simulations of material properties, as well as material electric and optical characterization. Students will have hands-on measurements of resistivity of silicon, photoconductivity, and quantum efficiency spectroscopy of optical-electron conversion in solar cells and optical sensors.
Prerequisite: MATS 204 And CHEM 161 And CHEM 162 And (PHYS 112 Or PHYS 122)

MATS 460 (4-3-2) Electronic Materials and Processing: This is an in-depth course that focuses on electronic and optoelectronic materials. It discusses the materials science of semiconductor processing, with emphasis on elemental (silicon and germanium) and III-V compound (gallium arsenide) semiconductors and related materials. The course includes the thermochemistry of semiconductors, the dynamics of defect formation, and the processing and process control to achieve desired materials properties. The course discusses the principles of design and production of novel materials to obtain electronic devices with superior performances; in essence, the science of how to obtain nanostructured electronic and opto-electronic materials.
Prerequisite: MATS 360

MEDI 200 (2-2-0) Medical Terminology: A comprehensive study of the language of medicine, including the use of the terms in the various areas of medical science.

MGMT 311 (3-3-0) Principles of Management: A study of the theory and process of management principles and basic organization behavior. Emphasizes major managerial functions such as planning, organizing, leading, and controlling, as well as the role of the manager in a changing environment. Explains ethical issues, managerial decision making, leadership behaviors, and managing a diverse workforce and provides an introduction to international management.
Prerequisite: ECON 211 Or ECON 212 And ACCT 211

MGMT 325 (3-3-0) Quantitative Methods for Business: This course provides an introduction to management science topics and modeling in the decision making process. It covers the quantitative tools for managerial decision making and focuses on areas such as linear programming, inventory control, PERT/CPM, simulation, decision analysis, and queuing theory. Computer software used for solving these problems.
Prerequisite: BADM 216 And MGMT 311

MGMT 335 (3-3-0) Operations Management: This course provides an introduction to the process of producing goods and providing services, with class work oriented toward the analysis and solution of practical problems using quantitative techniques. The focus will be on areas such as product and production design, operation strategy, project management, quality assurance and international management issues, capacity decisions, plant layout, supply chain management, forecasting, inventory management scheduling, and aggregate planning.
Prerequisite: BADM 216 And MGMT 311

MGMT 340 (3-3-0) Project Management: A study of the planning and control of IT projects and the control and optimization of time/costs will be discussed. Different models of project control under certainty and uncertainty will be presented.

Prerequisite: MIS 300 And BADM 216

MGMT 350 (3-3-0) Entrepreneurship: A study of the creation, growth, or acquisition of business through entrepreneurial efforts, the nature of the entrepreneurship process, and the organization of growth oriented acquisitions.
Prerequisite: MGMT 311 And FINC 311 And MKTG 311

MGMT 410 (3-3-0) Human Resource Management: A study of personnel administration, including the objectives, organization, functions, and role of personnel management in the operation of business enterprises, with attention to key problems in the areas of employee selection, hiring, and placement; training; wage and salary administration; promotion, transfer, and separation; personnel services; and labor relations.
Prerequisite: MGMT 311

MGMT 415 (3-3-0) HR Staffing and Development: This course provides the student with insight into the theories and techniques of the key Human Resource Management (HRM) functions of employee selection and employee training and development. Selection is viewed as establishing the employment relationship while training is viewed as addressing skip gaps between employees' actual and desired performance. Strategies are explored for measuring job performance requirements in order to effectively recruit, select, and train employees to meet organizational and individual objectives. Legal, ethical, and global issues in human resources staffing and development are explored throughout the course. This course covers core material essential for managers and for every HRM professional.

MGMT 420 (3-3-0) Organizational Behavior: The study of human behavior at the individual, group and organizational level including discussion and case studies related to motivation, perception, job design, group behavior, communication, interpersonal conflict, ethics, performance, motivation, and leadership.
Prerequisite: MGMT 311

MGMT 421 (3-3-0) Quality Management: Quality has become the responsibility of everyone and has been applied by manufacturer and services alike to achieve competitive advantage. This course examines the concept of quality and develops skills in the use of quality tools. Primary focus will be on the management of quality by all the disciplines in an integrated manner within the organization, statistical quality control, total quality management, international quality standards, Japanese concepts of quality, and related topics.
Prerequisite: BADM 216 And MGMT 311

MGMT 425 (3-3-0) International Business Management: A survey of the theoretical and institutional complexities of international business operations, with emphasis on the special knowledge and skills essential to personnel engaged in the planning and administration of business enterprises and governmental organizations with overseas relationships.
Prerequisite: MGMT 311

MGMT 435 (3-3-0) Group and Interpersonal Dynamics: This course is conducted in a learning group setting where students experience first hand the dynamics that occur in a task-oriented group while reading and learning about the theory of group development. This course should be taken concurrently with MGMT 470 Strategic Management or MIS 330 Systems Analysis or another course where the student is involved in a team project. The class will explore key issues that underlie group life such as inclusion, influence and intimacy. Leadership and how it emerges within the group will be a key aspect of the learning. The course also includes self assessment exercises and feedback from the group that increases students' awareness of their own styles in interacting with others, including influence style, conflict management, decision making style, communicating and listening styles.

Prerequisite: MGMT 311

MGMT 450 (3-3-0) Small Business Management: The process of managing a small business including planning, marketing, production, finance, organization, personnel, and pragmatic issues in real situations.
Prerequisite: MGMT 311 And FINC 311 And MKTG 311

MGMT 460 (3-3-0) Corporate Entrepreneurship: This course addresses the emerging practice of corporate entrepreneurship or Intrapreneurship, broadly defined as the application of entrepreneurial capabilities of the development of new venture within an existing firm. Thus, this course will provide insights into the innovation process in corporations and the unique problems and opportunities that managers and corporate entrepreneurs face in translating innovative ideas into successful results, from opportunity recognition to new venture creation.
Prerequisite: MGMT 311 And MKTG 311 And FINC 311

MGMT 470 (3-3-0) Strategic Management: A capstone course focusing on the theoretical and practical knowledge acquired in previous undergraduate business administration courses. Text and lecture will cover external and internal environmental analysis, business and corporate level strategy, industry analysis, functional strategy, implementation, control, and global business. Case analysis and presentation will combine and enhance learning acquired from readings and Internet searches.
Prerequisite: BADM 215 And MGMT 311 And FINC 311 And MKTG 311

MGMT 490 (3-3-0) Leadership and Communication: This course is intended to develop the leadership and communication skills that students need to be transformational leaders in their professional career. The course covers theories and dimensions of leadership effectiveness. Through various role playing and case analysis activities, the course measures students' leadership competencies in four areas: developing the vision, sharing the goals, gaining support, and delivering success. The course places emphasis on proper leadership communication, interpersonal skills, cultural literacy and cross-cultural leadership communication, conducting meetings, high-performing team leadership, and public speaking. To this end, all students are required to join a chapter of Toastmaster International and participate actively in all meetings during the course of the semester.
Prerequisite: This is a capstone course for an interdisciplinary degree program; senior standing is required

MIS 211 (3-3-0) Business Software Applications: This course provides a hands-on approach to learning business software applications. Topics in this course include spreadsheet and database software application development, web design, internet search and e-collaboration through white boarding, messaging, and discussion boards. These software environments and tools are extensively used in organizations to analyze situations and solve problems.

MIS 212 (3-3-0) Introduction to Computer Programming: This course will introduce students to basic concepts of programming using Visual Basic with emphasis on business applications. The topics for the course will include VB programming, computer concepts in relation to management, the use of Integrated Development Environment (IDE), flowcharts, algorithms, decision making, control structures, modules, developing simple forms, writing procedures, using array.

MIS 300 (3-3-0) Information Systems Theory and Practice: This course provides an understanding of systems and development concepts, information technology, and application software. This course explains how information and technology are used in organizations to enable improvements in business processes, support decision-making, and contribute to the achievement of competitive advantage. The course focuses on topics such as databases, data warehouses, decision-making, SCM, electronic commerce, system acquisition, and ethical issues. MS Office software will be used to demonstrate IT solutions for business

situations.
Prerequisite: BADM 214 Or CSC 100

MIS 320 (3-3-0) Database Management Systems: This course covers information systems design and implementation within a database management system environment. Students will construct a physical system using database software to implement the logical design. Different available software will be discussed.
Prerequisite: MIS 300

MIS 321 (3-3-0) Advanced Database Management: This course will cover more advanced topics in database design concepts and provides additional instruction on multi-sharing databases. It completes the SQL and will introduce the Oracle.
Prerequisite: MIS 300 And MIS 320

MIS 322 (3-3-0) Enterprise Resource Planning: The concepts of integrated information systems and total systems are the main core of this course. Introduction of different software will be a part of this course.
Prerequisite: MIS 300

MIS 323 (3-3-0) Data Warehousing and Data Mining: In this course the concepts of database of databases i.e. the data warehouse will be presented. Different algorithms for data mining will be presented.
Prerequisite: MIS 300 And MIS 320

MIS 330 (3-3-0) System Analysis and Design: This course provides an understanding of the system analysis and development. It introduces different systems development methodologies and explains the SDLC (Systems Development Life Cycle) by leading students through detailed steps of Planning, Analysis, Design and Implementation. It provides the details for all activities for planning and analysis phase and prepares the students for the second course (MIS 331). Computer tools will be used in construction of the systems.
Prerequisite: MGMT 311 And MIS 320

MIS 331 (3-3-0) Systems Development: This course continues the materials on MIS 330 and concentrates on the last two phases of systems development life cycle i.e. design and implementation. Students will use Visual Basic Application and Microsoft Macros to write codes to enhance the applications. Some concepts of Object Oriented Design will be introduced in this course. CASE Tools will be used to facilitate different tasks on Systems Development Life Cycle
Prerequisite: MIS 430 And CSC 102 And MIS 320 And MIS 330

MIS 332 (3-3-0) Object-Oriented Programming and Design: This course is about the object oriented technology and modular design of the systems and related programming issues.
Prerequisite: CSC 102 And MIS 300

MIS 340 (3-3-0) Project Management: The concepts of planning and control of projects and mainly the IT projects will be discussed. The control and optimization of time/costs will be discussed. Different models of project control under certainty and uncertainty will be presented.
Prerequisite: BADM 216 And MGMT 311 And BADM 214 And MIS 300

MIS 409 (3-3-0) Web Development: This course introduces Hyper Text Markup (HTML), Cascading Style Sheets (CSS), and Java Script languages to build dynamic web pages. Students will learn how to implement

web pages with links, images, image maps, forms, multimedia content, and dynamic pop-up windows, scroll messages, and validating forms in web pages.
Prerequisite: MIS 300 with a grade of C or better

MIS 410 (3-3-0) Supply Chain Management: In supply chain, the suppliers connect to customers through a series of processes e.g. purchasing, production, storage, sales, transportation and distribution. Each of these business processes and business units interface with others by sending outputs and receiving inputs preferably over an electronic supply chain network. Modeling of these units and optimization of flows together with other issues such as human factors, cultural issues, security factors, automation and other related topics will be discussed.
Prerequisite: MIS 300 And BADM 216

MIS 411 (3-3-0) Excel Analytics: This course introduces modeling concepts in the Excel environment. Students will learn how to implement several accounting and financial models using formulas, functions, and tools to manipulate and display information in spreadsheets. Data visualization for trends discovery and dashboard reporting will also be emphasized.
Prerequisite: MIS 300 Or ACCT 300 with a grade of C or better

MIS 412 (3-3-0) Business Analytics: This course provides an introduction to the field of business analytics, which has been defined as the extensive use of big data, statistical and quantitative analysis, exploratory and predictive models, and fact-based management to drive decisions and actions. Various data visualization techniques using Excel 2013 are discussed. Linear regression model, time series analysis, and forecasting models are addressed in detail. Different data mining techniques such as cluster analysis, association rules, classification, and regression trees are covered in depth using XLMiner or SAS Enterprise Miner. Students actively participate in the delivery of this course through case and project presentations.
Prerequisite: MIS 300 Or ACCT 300 with a grade of C or better

MIS 415 (3-3-0) Social Media and the Digital Economy: This course is an introduction to social media (and related tools) and explores its impacts on the business world. Students will understand how social media is used and learn about current web technologies, strategies for integrating web-enabled capabilities in the enterprise, and their impact on consumers. Students will apply their knowledge of social media technologies by creating, managing, promoting, and extending web content and applications.
Prerequisite: MIS 300 with a grade of C or better

MIS 420 (3-3-0) Management Support Systems: This course will focus on decision making processes under semi-structured situations. Different theories and practices related to decision theory will be covered using several teaching methodologies. Databases, user interfaces, knowledge bases, and modeling concepts will be discussed and students will learn several tools for aiding decision makers in various phases of decision making. Students will be introduced to business intelligence technologies that support business analytics and will learn how to implement data mining model(s) for prediction. Decision modeling software will be used to demonstrate model implementations
Prerequisite: MGMT 325 And MIS 320

MIS 421 (3-0-3) Artificial Intelligence and Expert Systems: The concepts of using machines to imitate human behavior and transferring human knowledge and know how of humans to machines are the main themes of this course. Different models, algorithms and software will be discussed.
Prerequisite: MIS 300 And BADM 216

MIS 430 (3-3-0) Data Communication and Networking: This course provides an understanding of data communications and networking, including networking and telecommunication technologies, hardware, and software. Special emphasis is placed on the analysis, design, and management of networking applications in

organizations.
Prerequisite: MIS 300

MIS 435 (3-3-0) Electronic Commerce: This course introduces emerging online technologies and trends and their influence on the electronic commerce marketplace. Students will learn various revenue models and how to market on the Web, various legal and ethical issues, important security issues, and how to plan for electronic commerce. This course also introduces the current Web design concepts and techniques that will help students develop a real electronic commerce site.
Prerequisite: MIS 300

MIS 440 (3-3-0) New Topics In MIS: Information technology is a very dynamic field that changes very quickly. The new concepts introduced in this area will be presented in this seminar course.
Prerequisite: MIS 300

MIS 450 (3-3-0) Advanced SQL: This course provides students with advanced SQL skills that allow them to write effective queries against single and multiple tables; manipulate data in tables; create database schema objects; create indices and constraints; alter existing schema objects; create and query external tables; and learn to use the advanced features of SQL in order to query and manipulate data within the database. Students also learn to control privileges at the object and system level and will be able to work with date-time functions available in the Oracle Database. In this course, students use Oracle SQL Developer as the main development tool. SQL*Plus will be introduced as an optional development tool. This course is one of three Oracle certification training courses.
Prerequisite: MIS 321

MIS 451 (3-3-0) Programming with Advanced PL/SQL: This course covers advanced PL/SQL concepts. Students learn to create PL/SQL blocks of application code that can be shared by multiple forms; create reports and data management applications; create anonymous PL/SQL blocks; work with stored procedures and functions; declare variables; trap exceptions; and declare and control cursors. In addition, students learn to develop, execute, and manage PL\SQL stored program units such as procedures, functions, packages, and database triggers. They also learn to manage object dependencies and the recompilation of invalid objects. This course also describes the characteristics and techniques of the manipulation of large objects. Students are introduced to the uses of some of the Oracle-supplied packages. This is one of three Oracle certification training courses.
Prerequisite: MIS 321 and MIS 450

MIS 452 (3-3-0) Advanced Database Design and Development: The objective of this course is to provide students with the practical database experience necessary for the successful completion of the Oracle PL/SQL Developer Certified Associate Exam. Students will be required to design a database for a business situation, create and manage all objects necessary for implementation, and perform various maintenance operations on that database. This is one of three Oracle certification training courses.
Prerequisite: MIS 321 and MIS 450

MIS 455 (3-3-0) Business Modeling and Simulation: This is an elective course for MIS majors and for business majors who are interested in learning the process of modeling business situations and developing model applications using popular Excel add-ins such as: Solver optimization, Crystal ball for forecasting, RiskAmp Monte Carlo simulation, TreePlan for decision analysis, and @Risk for risk analysis. This course combines tangible applications in Finance, Marketing and Operations with a modeling philosophy of learning by doing
Prerequisite: MIS 300 And BADM 216 And MGMT 325 And MGMT 325

MIS 498 (3-3-0) Information Systems Internship: This course involves the application of quantitative and systems skills developed in the academic environment to problems in a real-world operating environment. The participant will receive practical training and experience under the guidance of the staff of a local business or government organization and a faculty supervisor. Available internships are filled on a competitive basis.
Prerequisite: Senior standing and consent of faculty supervisor

MIS 499 (3-3-0) Management Information Systems Co-Op: MIS Co-op offers students an opportunity to prepare for a career involving the application of information technology by combining academic theory and work experience. Three hours of academic credit are awarded for half-time paid work experience over a 15-week period. The cooperative education staff, the student, the MIS Co-op director, and the employer's co-op supervisor must agree on the employment terms and the learning experience to be gained in a written contract. The academic grade is assigned by the MIS Co-op director based on student reports and reports of the employer's co-op supervisor.
Prerequisite: MIS 300

MKTG 311 (3-3-0) Principles of Marketing: A study of the principles of marketing; current practices and structures of the market; analyses of marketing functions, institutions, costs, and marketing legislation.
Prerequisite: ACCT 211 And ECON 211 Or ECON 212

MKTG 312 (3-3-0) Entrepreneurial Marketing: This course clarifies key marketing concepts, methods, and strategic issues relevant for start-up and early-stage entrepreneurs. Topics addressed include: (1) Marketing issues facing entrepreneurs today; (2) Identification and evaluation of marketing opportunities; (3) Achieving competitive advantages given limited marketing resources, and (4) Major marketing/sales tools that are useful in an entrepreneurial setting. This course is cross listed with ENTR 312.
Prerequisite: MKTG 311

MKTG 322 (3-3-0) Advertising: A study of the principles of advertising, advertising media, and special problems of small business concerns, including appropriations and planning related to the development of advertising and the economic significance of advertising to both the consumer and the advertiser.
Prerequisite: MKTG 311

MKTG 325 (3-3-0) Personal Selling: An overview of skills and knowledge involved in personal selling. Emphasis on learning the different techniques for developing personal selling presentations, prospecting for customers, managing customer accounts, and the use of IT in the personal selling role. The course is designed for the student to gain a greater appreciation, understanding, and respect for sales, especially the interpersonal communication process.
Prerequisite: A "C" or better in MKTG 311

MKTG 330 (3-3-0) Retailing: A survey of retailing and its role in distribution, focusing on problems of administrative organization, store location, layout, buying, pricing, merchandising, sales promotions, and current trends in retailing.
Prerequisite: MKTG 311

MKTG 331 (3-3-0) Consumer Behavior: A survey of the theories of consumer behavior, with contributions from the social sciences and their applications to the marketing discipline.
Prerequisite: MKTG 311

MKTG 333 (3-3-0) Digital Marketing Media: This course focuses on understanding digital media and will examine the strategic use of digital media platforms and tools for developing and implementing effective

marketing strategies. Students will obtain hands-on experience with creating, executing, and managing a digital media marketing plan. Students will be assigned individual and team projects to emphasize learning.
Prerequisite: MKTG 311

MKTG 412 (3-3-0) Sales Management: A study of the functions of a sales department within the marketing organization, including the recruiting, selecting, training, motivating, supervising, compensating, and evaluating sales personnel.
Prerequisite: MKTG 311

MKTG 421 (3-3-0) International Marketing: A survey of the structure, techniques, problems, and general environment of marketing abroad, including the organization, promotion, financing, legal aspects, and operations of the multinational corporation
Prerequisite: MKTG 311

MKTG 460 (3-3-0) Marketing Research: The application of scientific methods of obtaining information to structuring marketing policies and techniques, with emphasis on the role of research in the solution of marketing problems.
Prerequisite: BADM 216 And MKTG 311

MKTG 470 (3-3-0) Marketing Management: A study of the organization and coordination of the total marketing program, including marketing segmentation, the marketing mix, and the operating environment. Students analyze firm's marketing strategies, competitive strategies, and industry trends, and conduct an external situational analysis for the development of future oriented strategies and tactics to direct a company's marketing efforts.
Prerequisite: Senior standing in Marketing

MKTG 490 (3-3-0) Seminar in Marketing: A capstone course for seniors in marketing, with course content and activities centering on special topics that may include management or marketing activities, special research topics, or other marketing issues relevant to the business environment.
Prerequisite: Senior standing in Marketing

MSCI 101 (1-1-0) Military Organizations: Introduction of time management for students transitioning to college. An overview of the U. S. Army concentrating on the historical development of ROTC and related customs, courtesies, and traditions of uniformed service. Laboratory periods concentrate on leadership development, physical training, and selected presentations. Fall.

MSCI 102 (1-1-0) Basic Leadership and Management: An introductory course in leadership and management using case and situational studies to emphasize individual and group needs, group dynamics, and the decision making process. Laboratory periods concentrate on leadership development, physical training, and selected presentations. Spring.

MSCI 201 (3-3-0) Studies in Decision Making: A study in progressive leadership concentrating on leadership models, personality, and perceptual process. Contemporary and historical leadership problems (case studies) are analyzed from a leader's perspective. Laboratory periods concentrate on leadership development, physical training, and selected presentations. Fall.

MSCI 202 (3-3-0) Land Navigation and Tactics: An introductory course in land navigation and rifle squad organization, capabilities, and tactics. Laboratory periods concentrate on leadership development, physical training, and selected presentations. Spring.

MSCI 221 (3-3-0) Leader's Training Course: An intensive practical application of leadership and military skills to satisfy basic course.

MSCI 301 (3-3-0) Unit Level Command Response: A study in leadership from the perspective of the Second Lieutenant, concentrating on the coordination and execution of administrative and tactical command decisions. Laboratory periods concentrate on leadership development, physical training, and selected presentations. Fall.

MSCI 302 (3-3-0) Terrain Analysis: An integrated course of academics and military skills combining advanced land navigation with squad-level tactics. Laboratory periods concentrate on leadership development, physical training, and selected presentations. Spring.

MSCI 321 (3-3-0) Applied Military Leadership: An intensive practical application of leadership and military skills for Advanced Course students. Five-week summer program conducted at Fort Lewis, Washington for all Advanced Course cadets from colleges and universities throughout the United States. Summer.

MSCI 401 (3-3-0) Basic Officer Course Prep: Studies in military subjects which will prepare an individual for those duties and responsibilities of a newly commissioned officer. These subjects include Military Leadership, Small Unit Administration, Human Self-Development, Leadership Aspects of Contemporary Issues, Unit Readiness, Company Administration, Effective Written Communications, Awards and Decorations, and Fundamentals of Management. Fall.

MSCI 402 (3-3-0) Advanced Leadership and Management: Studies in Military Staff organization and procedures to include topics essential to newly commissioned officers. These subjects are: Customs and Traditions of the Service, Ethics and Professionalism, Written and Oral Communications, Personnel and Training Management, Military Justice, Law of War, International Law, U.S. Army Logistics, Maintenance Management, and Soviet Army Indoctrination. Students prepare and present military science instruction to military science classes. Spring.

MSCI 421 (1-0-3) Physical Education and Training: This course is designed to introduce the student to physical fitness and the regulatory components of the Army Physical Fitness Test (APFT). Information on various topics contributing to a fit lifestyle (such as nutrition and hydration, the benefits of aerobic and anaerobic exercise, running selection, etc.) will be interwoven throughout the course. The course will involve calisthenics, introduction to various sports, swimming, weight lifting, running, and road marching.
Prerequisite: MSCI 301 Or MSCI 302

MSCI 422 (1-0-3) Physical Education and Training: This course is designed to sustain the student's physical fitness in accordance with the regulatory components of the Army Physical Fitness Test (APFT). Information on various topics contributing to an above average fitness level (muscular strengthening and endurance, nutrition and hydration, the benefits of total body fitness, distance running/road marching techniques, etc.) will be interwoven throughout the course. The course will involve calisthenics, negotiation of obstacle courses advanced water survival, leadership/ confidence building exercises, preparation and execution of lesson plans, organization and execution of physical fitness training administration of APFT, and evaluation techniques.

MSCI 423 (1-0-3) Physical Education II: This course is designed to introduce the student ot physical fitness and the regulatory components of the Army Physical Fitness Test (APFT). Information on various topics contributing to an above average fitness level (muscular strengthening and endurance, nutrition and hydration, benefits of total body fitness, distance running/road marching techniques, etc.) will be interwoven

throughout the course. The course will involve calisthenics, negotiation of obstacle courses, advance water survival, leadership/confidence building exercises, preparation and execution of lesson plans, organization and execution of physical fitness training, administration of APFT and evaluation techniques.

MUSI 100 (3-3-0) Basic Musicianship: A study of the rudiments of music, including basic rhythmic and pitch notation; major and minor scales; intervals; primary triads; rhythmic drills; and sight singing and ear training activities. Also includes keyboard and computer applications of concepts studied. Must complete and/or test out to be admitted as a music major.

MUSI 101 (2-2-0) Class Piano for Non-Majors: A laboratory-style course designed for the non-music major giving the student a basic understanding of music reading, keyboard harmony, and technique.

MUSI 102 (1-1-0) Basic Piano Skills: A class piano course giving the non-piano major a basic understanding of keyboard harmony and technique, with the first year of instruction devoted to practicing the five-finger major hand positions, memorizing several short compositions, sight reading, and combining staccato and legato playing. Must complete and/or test out to be admitted as a music major.

MUSI 110 (1-1-0) Choir: A course focusing on selections from all periods and styles of music, including pop, spiritual, and gospel music, with a study of vocal techniques, choral diction, and performance styles and practice. Includes choral performances at various University and community activities, with tours planned to many areas in North Carolina and other states. Open to all students who enjoy singing.

MUSI 111 (1-1-0) Chamber Ensemble: This course gives students the opportunity to engage more actively in the music-making process through participation in a chamber ensemble, which is defined as a small group of musicians (normally two to eight people) performing music without a director/ conductor.

MUSI 115 (1-1-0) Percussion Ensemble: This course offers the student percussionist practical experience in the playing of percussion instruments in a chamber music setting. This course will explore traditional, contemporary, and world music for percussion ensemble. Open to all students following audition and permission of the instructor.

MUSI 118 (3-3-0) Foundations of Music Tech I: This course will enable students to develop facility with a range of music technology hardware; and software, and learn procedures for operating those elements. This course will feature uses of technology in K-12 music education settings. Various methods and software applications available for use in public schools as well as their relative merits will be investigated. Additionally, this course provides a foundation for students to develop their creative capacities. Course topics will include student-based performance (sequences, warm-ups, accompaniment, transposition, scoring), composition (sequencing, arranging, scoring), administrative functions (grading, communications, research, databases, financial management), logistics (lab set-up, funding), and resources. Students should have previous experience with Windows or Mac interfaces and familiarity with the internet.
Prerequisite: MUSI 100

MUSI 120 (1-1-0) Brass Ensemble: A course in the performance of small ensemble compositions written for various combinations of brass and wind instruments. Open to all students following audition and permission of instructor.

MUSI 125 (1-0-2) Trumpet Choir: A course in the performance of small ensemble compositions written for trumpet choir. Open to trumpet students following audition and permission of instructor.

MUSI 130 (1-1-0) Woodwind Ensemble: A course in the performance of small ensemble compositions written for various combinations of woodwind instruments. Open to all students following audition and permission of instructor.

MUSI 140 (1-1-0) Jazz Ensemble: A major performing organization of the university, with practice including instruction in improvisation and arranging, and with a varied repertoire that includes music from jazz to fusion and popular styles. Open to all students following audition and permission of instructor.

MUSI 150 (1-1-0) Opera Workshops: Study and performance of scenes, acts, and/or operas from both the standard repertoire and operas of primarily historical interest. Open to all students. Audition and permission of instructor.

MUSI 152 (3-3-1) Harmony, Sight Singing, and Ear Training I: A study of the basic elements of harmony: primary and secondary triads in root position and all inversions; seventh chords; major, minor, and chromatic scales; introduction to part-writing procedures; rhythmic drills; and sight singing and ear training activities. Includes keyboard and computer applications of concepts studied.
Prerequisite: MUSI 100

MUSI 155 (2-3-0) Exploration in Music Education: An introduction to teaching music in the public schools required of all music education majors. Students are introduced to the K–12 National Music Standards, NC Standard Course of Study, and North Carolina licensing procedures. Through reading, writing, field experiences, and discussions, students consider the implications of a particular philosophy of music education, various styles of teaching/learning, and music knowledge and skills, as well as dispositions necessary to become an excellent music teacher. Issues related to music assessment, classroom management, and different types of school settings are considered.
Prerequisite: MUSI 152

MUSI 159 (3-3-0) Beginning Jazz Improvisation: A user-friendly course of study in the melodic, rhythmic, and harmonic practices associated with the art of jazz improvisation, including the theoretical background associated with it and the stylistic and idiomatic considerations as well. Students learn through a "hands-on" approach; they are called upon to improvise jazz in actual playing situations on a weekly basis. Students also learn through the study of jazz harmony and theory and through analysis of classic jazz recordings made famous by the masters of the craft.

MUSI 160 (1-1-0) Orchestra: A course in the performance of small ensemble compositions written for various combinations of string instruments. Open to all students following audition and permission of instructor.

MUSI 165 (0-1-0) Music Seminar/ Recital Hour: A series of weekly workshops, clinics, master classes, presentations, and performances presented to students taking applied lessons and senior recital. Students gain practical performance experience during the scheduled music seminar/ recital hours. Students are required to attend additional student ensemble, senior recital, and Fine Arts Series events. Concurrent registration in applied lessons or senior recital is required with MUSI 165 registration. Course taken for Pass/ Fail credit.

MUSI 167 (1-1-0) Applied Brass: A sequence of courses focusing on diagnoses and recommendations for proper brass/wind playing habits, with emphasis on embouchure development, tonal studies, scales, and arpeggios. Minimum of five hours practice per week required. Freshman year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

MUSI 169 (1-1-0) Applied Organ: A sequenced study of organ manual and pedal techniques, with practice works including easy preludes and offertories, studies by Gelason, Nilsen, etc.; Bach's Little Preludes and Fugues; and hymn playing and service playing. MUSI 165 Music Seminar/Recital Hour required. Freshman year sequence.

MUSI 171 (1-1-0) Applied Piano: A first-year sequence of courses in piano devoted to acquiring a firm technical foundation through the use of various drills and exercises, with beginning repertoire including pieces on the level of the Clementi Sonatinas, Op. 36, the Notebook for Anna Magdalena Bach, and Bach's Two-part Inventions. Includes practice with major and minor scales played in contrary and parallel motion. Freshman year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit

MUSI 173 (1-1-0) Applied Percussion: A sequence of courses for the percussionist focusing on basic technique, sound production, exercises and etudes with emphasis on indefinite pitch and related instruments, keyboard percussion, and timpani. Freshman year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

MUSI 175 (1-1-0) Applied Strings: A sequence of courses featuring diagnoses and recommendations for proper string playing habits, with practice emphasis on bowing and fingering methods, positions, scales, arpeggios, tone, and vibrato. Freshman year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

MUSI 177 (1-1-0) Applied Voice: A sequence of courses in voice focusing on the study of vowels and the fundamentals of tone production, correct breathing and posture, and the performance of early secular and sacred songs. Freshman year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

MUSI 179 (1-1-0) Applied Woodwinds: A sequence of courses focusing on diagnoses and recommendations for proper woodwind playing habits, with emphasis on embouchure development, tonal studies, scales, and arpeggios. Freshman year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

MUSI 191 (1-0-5) Marching Band: A major performing organization of the university, playing in parades, at miscellaneous events, and at football games both at home and in other states. Open to all students following audition and permission of instructor.

MUSI 192 (1-0-5) Concert Band: A major performing organization of the university, playing varied styles and genres of music in concerts, both locally and in other cities. Open to all students following audition and permission of the instructor.

MUSI 193 (1-0-2) Pep Band: The FSU Pep Band is an important performing organization of the university, playing recruitment concerts at high schools, official university functions, as well as home and selected away basketball games. This 1-credit course is open to all students following audition and instructor permission. Preference is given to those who have performed with the FSU marching band in the fall semester. This course can be repeated for credit. This course cannot be used for an ensemble credit requirement by music majors/ minors.

MUSI 201 (1-1-0) Piano Skills I: A course giving the non-piano major a basic understanding of keyboard harmony and technique, with the first year of instruction devoted to practicing the five-finger major hand positions, memorizing several short compositions, sight reading, and combining staccato and legato playing.

Prerequisite: MUSI 102

MUSI 202 (1-1-0) Piano Skills II: A study of primary chords in all keys, the major and minor harmonic scales and major and minor arpeggios in two octaves; four-part chordal textures; and sight reading using chord symbols.
Prerequisite: MUSI 201

MUSI 210 (3-3-0) Music Appreciation: An introduction to the basic materials and ideas of music, stressing the relationship of music to society, culture, and philosophy; introducing musical instruments and the contributions of important composers; and studying characteristics of style and form in various types of music. Recital attendance required.

MUSI 218 (3-3-0) Foundations of Music Technology II: This course develops student proficiency in MIDI sequencing and in the use and integration of music notation, digital audio, and digital video software. Students will design multimedia projects, study electronic recording equipment, and construct music projects and interactive lessons appropriate for k-12 music instruction. Students will integrate digital multimedia files into presentations, music lessons, and class projects. This course will center on intermediate level competence in music technology. The recording studio, music instruction, and music notation are the global objectives for this course.
Prerequisite: MUSI 118

MUSI 225 (3-3-0) A History of Jazz in American Culture: Using both a socio-cultural and historical perspective, this course explores the major forms of African-American folk music indigenous to the United States. These forms of African American folk music (ragtime, blues, and gospel) contain elements of musical expression rooted in the aesthetic make-up of jazz. Students will explore and analyze the development of jazz music in relation to its cultural context.

MUSI 241 (1-1-0) Class Strings: A study of the basic concepts of playing and teaching the bowed string instruments, focusing on basic performance skills on each of the instruments (violin, viola, violoncello, and double bass), as well as on information about techniques for organizing, recruiting, and teaching string classes and orchestras in the public schools.
Prerequisite: MUSI 152

MUSI 242 (1-1-0) Class Woodwinds: A practical introduction to the woodwind family, with emphasis on techniques for playing the flute, clarinet, oboe, bassoon, and saxophone, as well as on the characteristics and functions of each woodwind instrument and on the basic skills needed to offer instruction on woodwind instruments in the public schools.
Prerequisite: MUSI 152

MUSI 251 (1-1-0) Class Voice I: A course featuring group instruction in the fundamentals of singing, with emphasis on breath control, posture, and tone production, and with additional attention to developing a beginning vocal repertoire. Course intended for music education majors with instrumental and/or keyboard concentrations only.
Prerequisite: MUSI 152

MUSI 252 (1-1-0) Class Voice II: A continuation of techniques started in MUSI 251, including new material such as basic diction, consonant and vowel production, and the extension of vocal and dynamic range through exercises and repertoire. Course intended for music education majors with voice concentration only.

Prerequisite: MUSI 152

MUSI 260 (3-3-0) African-American Music: A study of traditional African music and its interaction with western musical styles, with emphasis on the development of the blues, spirituals, gospel music, jazz idioms, and more recent African-American styles, and with attention to the work of major black composers and performers in both the concert and commercial areas.

MUSI 262 (1-1-0) Diction: A study of the enunciation, pronunciation, and articulation of languages applicable to performances of vocal literature written in English, French, Italian, German, and Latin.

MUSI 267 (1-1-0) Applied Brass: A sequence of courses for the brass player focusing on the continuing development of playing habits, with an emphasis on embouchure development, technique development and solo literature. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 167

MUSI 269 (1-1-0) Applied Organ: A sequence of courses in organ technique and repertoire, including the Bach's Little Preludes and Fugues and Orgelbuchlein; Brahms's Choral Preludes; works by Vierne and Widor; hymns; and other standard works. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required.
Prerequisite: MUSI 180 And MUSI 169

MUSI 271 (1-1-0) Applied Piano: A sequence of courses in piano technique and repertoire on the level of Beethoven's Sonatas Op. 49, Nos. 1, 2; Bach's Two and Three-part Inventions; Chopin's Mazurkas, and Waltzes; and Bartok's Mikrokosmos, Volumes III and IV. Included practice with major and minor scales played in contrary and parallel motion. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 171

MUSI 273 (1-1-0) Applied Percussion: A sequence of courses for the percussionist focusing on intermediate techniques, sound production, exercises, etudes, and solo literature with emphasis on indefinite pitch and related instruments, keyboard percussion, and timpani. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 173

MUSI 275 (1-1-0) Applied Strings: A sequence of courses in technical studies and the development of a recital repertoire for strings. Performance in student recitals and a minimum of ten hours practice per week required. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 175

MUSI 277 (1-1-0) Applied Voice: A continuation of studies in tone production and other principles of singing, with emphasis on various vocalists and on English, Italian, and French songs. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

MUSI 279 (1-1-0) Applied Woodwinds: A sequence of courses in technical studies and the development of a recital repertoire for woodwinds. Performance in student recitals and a minimum ten hours practice per week required. Sophomore year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.

Prerequisite: MUSI 179

MUSI 281 (3-3-1) Harmony, Sight Singing, and Ear Training II: Further study of harmonic elements with emphasis on analysis of primary and secondary triads, seventh chords, and cadences in the content of compositions representing the major historical style periods. Introduction to small forms, nonharmonic tones and melody harmonization. Continuation of part-writing principles, sight singing, ear training, keyboard activities, and computer application of concepts studied.
Prerequisite: MUSI 152

MUSI 285 (3-3-0) World Music Cultures: A survey of predominantly non-western traditional musical cultures, including ethnic origins of folk and traditional music in the Americas, Africa, the Middle East, and Asia. This course analyzes the various characteristics of global music culture, including the relationship of music to language, ceremony, and cultural practices such as storytelling and dance. The course is open to all students, and no prior knowledge of music is necessary. Students will listen to musical selections, attend selected events, and write essays about these experiences.

MUSI 292 (3-3-1) Harmony, Sight Singing, and Ear Training III: Further study of harmonic materials of previous theory courses, including nonharmonic tones, principles of harmonic progression, and part-writing procedures involving more complex harmonies. Introduction of secondary dominants, elementary modulation, and small forms such as phrases, periods, and phrase groups. Creative work, keyboard harmony, sight singing, ear training, analysis, and computer assignments will provide opportunities for application of theoretical concepts studied
Prerequisite: MUSI 281

MUSI 341 (1-1-0) Class Brass: A study of basic concepts, techniques, and information related to offering instruction on the brass instruments - trumpet, French horn, trombone, euphonium, tuba - in the public schools.
Prerequisite: MUSI 152

MUSI 342 (1-1-0) Class Percussion: A study of basic concepts, techniques, and information related to offering instruction in total percussion, including snare drum, keyboard percussion, timpani, accessory percussion, drum set, world percussion, and electronic percussion in the public schools.
Prerequisite: MUSI 152

MUSI 350 (3-3-0) Band Pedagogy: This course is design to provide the students the fundamentals and techniques of how a band works administratively and pedagogically.
Prerequisite: MUSI 381

MUSI 351 (3-3-0) Music History I: A survey of the development of music from antiquity through the seventeenth century.
Prerequisite: MUSI 152

MUSI 352 (3-3-0) Music History II: A survey of the development of music from the culmination of the Baroque era in the early eighteenth century to the present day, with emphasis on performance practices and on works of major composers of the late Baroque and Rococo periods; the Viennese Classical School; the Romantic, Post-Romantic, and Impressionist periods; and the twentieth century.
Prerequisite: MUSI 152

MUSI 354 (2-2-0) Form And Analysis: A study of standard musical forms and structures and the principles upon which they are organized. The course aims to sensitize students to the musical events, including cadences, changes in tonality, meter, texture, and timbre, etc. that indicate important points in a composition's design.
Prerequisite: MUSI 352 And MUSI 381

MUSI 360 (3-3-0) Trumpet Pedagogy I: The development of advanced skills in pedagogy for teaching trumpet. The course will emphasize solo and orchestral literature for trumpet.
Prerequisite: MUSI 341 and/or two semesters of MUSI 267

MUSI 367 (1-1-0) Applied Brass: A sequence of courses for the brass player focusing on the continuing development of playing habits, with an emphasis on embouchure development, technique development and recital repertoire. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 267 And Sophomore Qualifying Exam

MUSI 369 (1-1-0) Applied Organ: A sequence of advanced courses in organ literature, including works of Bach, Buxtehude, Handel, Mendelssohn, Franck, Widor, etc., and incorporating elements of church service playing, hymn playing, and anthem accompaniment, as well as orders of liturgical services and other special services. Performance from memory. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required.
Prerequisite: MUSI 280 And MUSI 269 And Sophomore Qualifying Exam

MUSI 370 (3-3-0) Percussion Pedagogy I: The development of advanced skills in pedagogy for teaching percussion. The course emphasizes solo and orchestral literature for the snare drum (rudimental and concert), keyboard percussion (two and four mallet), Timpani, and Accessory Percussion.
Prerequisite: MUSI 342 and/or two semesters of MUSI 273

MUSI 371 (1-1-0) Applied Piano: A continuation of technical piano studies, focusing on compositional form and performance style in works from the various historical periods, including the Bach's Preludes and Fugues from the Well-Tempered Clavier; Haydn's Sonatas; Chopin's Nocturnes; Brahms' Intermezzos; and Bartok's Mikrokosmos, Vol. V, or Sonatina. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 271 And Sophomore Qualifying Exam

MUSI 373 (1-1-0) Applied Percussion: A sequence of courses in technical studies and recital repertoire development for percussion instruments, especially the marimba and the tympani. Performance in student recitals and a minimum of ten hours practice per week required. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 273 And Sophomore Qualifying Exam

MUSI 375 (1-1-0) Applied Strings: A sequence of courses in technical studies and recital repertoire development for strings. Performance in student recitals and a minimum of ten hours practice per week required. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 275 And Sophomore Qualifying Exam

MUSI 377 (1-1-0) Applied Voice: A comprehensive study of English, Italian, French, and German songs. This course is intended to help students build a repertoire for the senior recital. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required.

Prerequisite: MUSI 277 And Sophomore Qualifying Exam

MUSI 379 (1-1-0) Applied Woodwinds: A sequence of courses in technical studies and recital repertoire development for woodwinds. Performance in student recitals and a minimum of ten hours practice per week required. Junior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 279 And Sophomore Qualifying Exam

MUSI 380 (1-1-0) Applied Brass: A sequence of advanced courses in organ literature, including works of Bach, Buxtehude, Handel, Mendelssohn, Franck, Widor, etc., and incorporating elements of church service playing, hymn playing, and anthem accompaniment, as well as orders of liturgical services and other special services. Performance from memory. Junior year sequence.

MUSI 381 (3-3-1) Harmony, Sight Singing, and Ear Training IV: A study in advanced harmonic materials, including diminished seventh, Neapolitan sixth, borrowed, and augmented sixth chords, as well as ninth, eleventh, and thirteenth chords. Introduction to binary, ternary, and composite forms; continuation of part-writing activities, harmonic analysis, sight singing and ear training exercises, keyboard harmony, and computer assignments. Introduction to twentieth-century harmonic practices such as whole tone scales, atonality, serialism, etc.
Prerequisite: MUSI 292

MUSI 391 (1-2-0) Conducting (Elementary): The development of manual techniques, score studies, and listening skills related to the conducting of instrumental and vocal ensembles.
Prerequisite: MUSI 152

MUSI 394 (1-1-0) Choral Conducting: A course developing the oral, visual, and aural skills necessary to conduct vocal ensembles, including mixed choirs, female choirs, and male choirs, as well as the skills and proficiency to read scores of compositions such as madrigals, motets, anthems, oratorios, and cantatas.
Prerequisite: MUSI 281 And MUSI 391

MUSI 396 (1-1-0) Instrumental Conducting: A course developing the aural, visual, and oral skills necessary to conduct instrumental ensembles, including marching bands, concert bands, and jazz ensembles, and to increase proficiency in score reading.
Prerequisite: MUSI 281 And MUSI 391

MUSI 420 (1-1-0) Choral Literature: A study of choral literature from 1450 through the twentieth century, including such activities as listening to and analyzing works.
Prerequisite: MUSI 381

MUSI 430 (1-1-0) Keyboard Literature: A survey of music written for solo stringed keyboard instruments from the early Renaissance to the early decades of the twentieth century. Major works of the master composers will be studied and heard, and students will become familiar with the important keyboard genres, which comprise these composers' work.
Prerequisite: MUSI 381

MUSI 431 (2-2-0) Orchestration: A study of methods and techniques for arranging compositions for band and orchestral ensembles, with special attention to transposition techniques and to basic compositional principles.

Prerequisite: MUSI 381

MUSI 440 (1-1-0) Woodwind Literature: A study in the listening, analysis, and evaluation of woodwind solo and ensemble music, in the evaluation of materials for technique development, and in the evaluation and selection of musical scores for band and symphonic performances.
Prerequisite: MUSI 381

MUSI 441 (3-3-0) Methods and Materials (Elementary): A study of curriculum, materials, and procedures for music instruction in elementary and intermediate grades.
Prerequisite: MUSI 381

MUSI 460 (3-3-0) Trumpet Pedagogy II: : The continued development of advanced skills in pedagogy for teaching trumpet. The course emphasizes trumpet ensemble literature and related chamber literature with trumpet.
Prerequisite: MUSI 360

MUSI 462 (2-2-0) Music Composition: A study in musical composition that includes writing pieces in basic binary and ternary song forms, variations, and sonata-allegro and rondo forms, with emphasis on integrating materials learned in harmony, counterpoint, and orchestration.
Prerequisite: MUSI 381

MUSI 467 (1-1-0) Applied Brass: Senior recital preparation, with emphasis on the development of advanced techniques for brass performance. Senior recital repertoire approval by instructor and music faculty committee required in second semester course. Senior year sequence. Senior recital preparation, with emphasis on the development of advanced techniques for brass performance. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit. Senior year sequence.
Prerequisite: MUSI 367

MUSI 469 (1-1-0) Applied Organ: Continued study and practice of repertoire works, with emphasis on larger and more difficult compositions from the general literature and on the satisfactory public performance of a memorized composition in larger form. Senior year sequence. MUSI 165 Music Seminar/Recital Hour required.
Prerequisite: MUSI 380 And MUSI 369

MUSI 470 (3-3-0) Percussion Pedagogy II: The continued development of advanced skills in pedagogy for teaching percussion. The emphasis will be on the area of percussion ensemble literature and related chamber literature with percussion.
Prerequisite: MUSI 370

MUSI 471 (1-1-0) Applied Piano: A sequence of courses in piano study to develop and refine performance techniques and to begin preparations and repertoire practice for the senior recital, with selections chosen from such works as Bach's Well-Tempered Clavier (selections); Bach's French Suites; Mozart or Beethoven's Sonatas; Chopin's Preludes or Nocturnes; Bartok's Mikrokosmos, Vol. VI, Allegro Barbara or Suite, Op. 14; or other works. Senior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 371

MUSI 473 (1-1-0) Applied Percussion: A sequence of courses for the percussionist focusing on senior recital preparation with emphasis on the development of advanced techniques for percussion. Senior year

sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 373

MUSI 475 (1-1-0) Applied Strings: Senior recital preparation, with emphasis on the development of advanced techniques for strings. Senior recital repertoire approval by instructor required in second semester. Senior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 375

MUSI 477 (1-1-0) Applied Voice: In-depth studies of vocal techniques and the literature from Baroque to Contemporary periods, with emphasis on preparations for the senior recital. Senior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 377

MUSI 479 (1-1-0) Applied Woodwinds: Senior recital preparation, with emphasis on the development of advanced techniques for woodwinds. Senior recital repertoire approval by instructor required in second semester. Senior year sequence. MUSI 165 Music Seminar/Recital Hour required. May be repeated once for credit.
Prerequisite: MUSI 379

MUSI 491 (2-2-0) Vocal Literature: A survey of vocal music from the Renaissance to the 20th century, including listening, singing, and analyzing music.
Prerequisite: MUSI 381

MUSI 499 (1-0-1) Senior Recital: A performance program of at least fifty minutes, consisting of works representing various styles and periods.
Prerequisite: MUSI 351 And MUSI 352 And MUSI 381 And MUSI 400-level of applied courses (instrumental, keyboard, or voice)

NSCI 110 (4-3-2) Comprehensive Physical Science: The course is designed to present major basic concepts of physics and chemistry with particular emphasis on relevant applications to day to day activities. Lab experiments and class activities will help in developing critical thinking and analytical skills.
Prerequisite: MATH 123 (may be taken concurrently)

NSCI 120 (4-3-2) Modern Biology: An introductory course covering basic biological concepts that provides the student with a comprehensive survey of biological sciences. Some important areas which will be investigated are: cell structure and reproduction, energy relationships at the cellular level, genetics, DNA, evolution, ecology, bacteria, protists, fungi, plants, and animal organ systems.
Prerequisite: NSCI 110

NURS 300 (3-3-0) Transition to Professional Nursing: This course focuses on the role of the professional nurse and provides an overview of the delivery of professional nursing practices and role transition. Advanced theoretical concepts will be examined using the nursing process as a framework.
Prerequisite: Acceptance into the RN BSN Nursing program

NURS 310 (3-3-0) Transcultural Nursing: This course is designed to assist the nurse to expand his/her view of man. Man is defined as functioning, whole unit with integrity and uniqueness who uses symbols to communicate with the environment. Emphasis will be placed on the concepts of culture, belief systems, health and caring, and how these concepts affect the nursing care delivery system.

Prerequisite: NURS 300 (may be taken concurrently)

NURS 320 (3-2-1) Health Assessment Across the Life Span: This course prepares the RN to BSN student to conduct comprehensive health assessments. Emphasis is placed on the acquisition, processing and interpretation of data collected from clients of all ages. A physical, psychological, socio-cultural, and spiritual approach is used to assess the client and to incorporate consideration of the client's needs, state of wellness, developmental level, and response to life experiences. The campus laboratory experience consists of practice with clients.
Prerequisite: NURS 300 (may be taken concurrently)

NURS 321 (3-2-3) Health Assessment: This course prepares the pre-licensure student to conduct comprehensive health assessments. Emphasis is placed on the acquisition, processing and interpretation of data collected from clients of all ages. A physical, psychological, socio-cultural, and spiritual approach is used to assess the client and to incorporate consideration of the client's needs, state of wellness, developmental level, and response to life experiences.
Prerequisite: Admission to the upper division

NURS 324 (3-3-0) Pathophysiology: This course prepares the pre-licensure student to approach complex situations systematically. Emphasis will be placed on the integration and application of pathophysiological concepts to the holistic human in time of physical stress. This course utilizes the nursing process as the basis for examining persons with pathologies requiring multiple dimensions of nursing care.
Prerequisite: NURS 321 And NURS 326 And NURS 365

NURS 325 (3-3-0) Pathophysiology: This course prepares the RN to BSN student to approach complex situations systematically. Emphasis will be placed on the integration and application of pathophysiological concepts to the holistic human in time of physical stress. This course utilizes the nursing process as the basis for examining persons with pathologies requiring multiple dimensions of nursing care.
Prerequisite: NURS 300 (may be taken concurrently)

NURS 326 (4-2-6) Concepts Basic to Nursing: Introductory clinical course designed to introduce the student to conceptual threads and skills fundamental to the practice of nursing. The clinical component of the course allows the student to apply fundamental concepts and evidenced based clinical nursing skills to the long term care setting under the supervision of a clinical faculty.
Prerequisite: Admission to the upper division

NURS 330 (3-3-0) Gerontological Nursing: This course examines the process of aging. Physical, psychological, sociocultural, and spiritual aspects of aging are examined within the context of the family and society. Advanced theoretical concepts of aging will be examined using the nursing process.
Prerequisite: NURS 300

NURS 350 (6-6-0) Adult Health I: This course focuses on theoretical, physiological, and pathological concepts used to address the health care needs of adult and elderly clients. Building on the foundations of previous nursing courses and the nursing process, students will examine the impacts of altered health states and plan nursing care for clients experiencing specific basic health alterations. Topics include the nursing management of patients who are experiencing selected basic health alterations related to fluid, electrolyte, acid-base imbalances, infection, respiratory, cardiovascular, musculoskeletal, gastrointestinal, integumentary, sensory, hematological, renal/urinary, endocrine, and altered cell growth disorders.
Prerequisite: NURS 321 And NURS 326 And NURS 365. Co-requisite: NURS 350L And NURS 324

NURS 350L (3-0-9) Adult Health I Clinical: This course is the clinical component of NURS 350. Students will have dedicated clinical experiences in peri-operative units, as well as acute and long term care settings. Principles and practices of intravenous therapy are applied to the adult client in this course. Students will also be exposed to clinical laboratory experiences including refinement of psychomotor skills and simulation activities. The clinical course allows the application of nursing skills, knowledge, and critical thinking necessary for safe effective nursing care within a controlled setting.
Prerequisite: NURS 321 And NURS 326 And NURS 365. Co-requisite: NURS 350 And NURS 324

NURS 360 (3-3-0) Pediatric Nursing: This course explores the physiological alterations of clients with acute and chronic health care needs. Building on the foundations of previous nursing courses and the nursing process, students will examine the impact of and plan nursing care for pediatric clients experiencing acute and/or chronic alterations. Utilizing the nursing process and nursing management, psychosocial and physiological adaptations will be examined in the context of social justice, cultural competence, and equity of health care.
Prerequisite: NURS 350 And NURS 350L. Co-requisite: NURS 360L

NURS 360L (2-0-6) Pediatric Nursing Clinical: This course is the clinical component of NURS 360. Students will have dedicated clinical experiences in community based and acute pediatric settings. Students will also be exposed to clinical laboratory experiences including refinement of psychomotor skills and simulation activities related to pediatric nursing. The clinical course allows the application of nursing skills, knowledge, and critical thinking necessary for safe effective nursing care of pediatric populations.
Prerequisite: NURS 350 And NURS 350L. Co-requisite: NURS 360

NURS 361 (3-3-0) Obstetrics and Women's Health: This course introduces nursing concepts related to women's health, pregnancy and care of the newborn. The unique needs of reproducing families will be explored. Building on the foundation of previous nursing courses and the nursing process, the student will explore nursing care for women with reproductive concerns as well as nursing care during preconception, perinatal, postpartum, and neonatal periods. Tasks of pregnancy, psychosocial adaptation, biological-behavioral concepts in obstetric nursing care within the context of social justice, cultural competence, and equity will be addressed.
Prerequisite: NURS 350 And NURS 350L. Co-requisite: NURS 361L

NURS 361L (2-0-6) Obstetrics and Women's Health Clinical: This course is the clinical component of NURS 361. Students will have dedicated clinical experiences in a variety of community and obstetrical settings. Students will also be exposed to clinical laboratory experiences including refinement of psychomotor skills and simulation activities related to obstetric nursing. The clinical course allows the application of nursing skills, knowledge, and critical thinking necessary for safe effective nursing care of women with reproductive issues and obstetric populations.
Prerequisite: NURS 350 And NURS 350L. Co-requisite: NURS 361

NURS 365 (3-3-0) Pharmacological Concepts: Survey of pharmacology and pharmacotherapy in health care. The student will explore pharmacology and pharmacokinetics of different classes of drugs, legal responsibilities, and safe drug administration.
Prerequisite: Admission to the upper division

NURS 400 (3-3-0) Nursing Research and Theory (RN to BSN): This course is designed for the RN to BSN student and focuses on the cognitive and professional skills of nursing research and theory. The cognitive skills emphasized include critical thinking, problem solving, research critique, and theory utilization in professional nursing practice. The professional skills include valuing research as a basis for professional nursing practice.

Prerequisite: NURS 300 And STAT 202

NURS 401 (2-2-0) Nursing Research and Theory (Pre-licensure): This course is designed for the pre-licensure student and focuses on the cognitive and professional skills of nursing research and theory. The cognitive skills emphasized include critical thinking, problem solving, research critique, and theory utilization in professional nursing practice. The professional skills include valuing research as a basis for professional nursing practice.
Prerequisite: STAT 202 And NURS 321 And NURS 326

NURS 401S (1-1-0) Nursing Research and Theory Seminar: This is a seminar course in which students apply concepts through an evidence based project that focuses on the cognitive and professional skills of nursing research and theory. The cognitive skills emphasized include critical thinking, problem solving, research critique, and theory utilization in professional nursing practice. The professional skills include valuing research as a basis for professional nursing practice.
Prerequisite: STAT 202 And NURS 321 And NURS 326 And NURS 401 (can be taken concurrently)

NURS 402 (1-1-0; 2-2-0; 3-3-0) Selected Topics: This is an elective nursing course to investigate a specific area of research, remedial work, or course work. The course is designed to facilitate the student's academic achievements. The structure of the course is student-driven and the student will work under the advisement of a faculty member. The department chair or designee must approve the student's selected topic(s). The course may be repeated for credit with a change of topic.

NURS 405 (3-3-0) Psychiatric Nursing: This course introduces nursing concepts related to psychiatric/mental health. The unique needs of clients with mental-health issues are explored. Building on the foundation of previous nursing courses and the nursing process, the student will examine client responses to stressors across the life span. Tasks of biological-behavioral concepts in psychiatric nursing care, and cultural impacts will be addressed.
Prerequisite: NURS 324 And NURS 350 And NURS 350L. Co-requisite: NURS 405L

NURS 405L (2-0-6) Psychiatric Nursing Clinical: This course is the clinical component of NURS 405. Students will have dedicated clinical experiences in in-patient, outpatient as well as community based psychiatric/mental health settings.
Prerequisite: NURS 324 And NURS 350 And NURS 350L. Co-requisite: NURS 405

NURS 406 (3-3-0) Community Health Nursing: This course is designed to provide students the opportunity to assist culturally diverse populations and aggregates in the community to achieve an optimum level of wellness. Special emphasis will be placed on advanced theoretical concepts related to health promotion, risk reduction, disease prevention, and development processes.
Prerequisite: NURS 360 And NURS 360L And NURS 361 And NURS 361L And NURS 401 And NURS 405 And NURS 405L And NURS 451 And NURS 451L. Co-requisite: NURS 406L

NURS 406L (2-0-6) Community Health Nursing Clinical: This course is the clinical component of NURS 406. This course provides students with the opportunity to apply community nursing concepts to individuals, families and communities through faculty and preceptor guided clinical experiences.
Prerequisite: NURS 360 And NURS 360L And NURS 361 And NURS 361L And NURS 401 And NURS 405 And NURS 405L And NURS 451 And NURS 451L. Co-requisite: NURS 406

NURS 410 (2-2-0) Nursing Leadership: This course is designed for the pre-licensure student to analyze the role of the professional nurse as a leader in the profession and health care delivery. The course will focus on nursing leaders as vanguards of the profession and the role of the nurse leader in health care delivery

systems. Advance theoretical concepts will be examined using the nursing process as a framework.
Prerequisite: NURS 360 And NURS 360L And NURS 361 And NURS 361L And NURS 401 And NURS 405 And NURS 405L And NURS 451 And NURS 451L.

NURS 411 (3-3-0) Nursing Leadership Perspectives and Trends in Contemporary Nursing Practice: This course is designed to analyze the role of the professional nurse as a leader in the profession and health care delivery. The course will focus on nursing leaders as vanguards of the profession and the role of the nurse leader in health care delivery. Advanced theoretical concepts will be examined using the nursing process as a framework.
Prerequisite: NURS 300

NURS 421 (3-3-0) Nursing and Women's Health: This course is designed to focus on the current health care challenges and issues of women's health and implications for professional nursing practice. Women's roles in a complex society will be examined to facilitate increased self awareness as consumers and providers in the health care delivery system.
Prerequisite: NURS 300

NURS 430 (5-3-2) Contemporary Supportive Community Nursing: This course is designed to provide the opportunity for the RN to BSN student to assist culturally diverse populations and aggregates within the community to achieve an optimal level of wellness. Special emphasis will be placed on advanced theoretical concepts related to health promotion, risk reduction, disease prevention, and developmental processes. The process of professional role development will be fostered through both independent and interdependent clinical experiences.
Prerequisite: NURS 300 And NURS 400 (may be taken concurrently)

NURS 450 (3-3-0) Professional Nursing Issues in Practice: This course is designed to promote student responsibility and accountability for professional nursing practice by strengthening professional nursing roles and behaviors.
Prerequisite: NURS 300 And NURS 310 And NURS 320 And NURS 325 And NURS 400 And NURS 411 And NURS 330 Or NURS 421

NURS 451 (6-6-0) Adult Health II: This course is an expansion of Adult Health I and focuses on theoretical, physiological and pathological concepts used to address complex and multi-system health needs of adults and the elderly who are experiencing selected complex health alterations. Topics include the nursing management of clients experiencing selected complex health alterations related to fluid, gastrointestinal, renal/ urinary, endocrine, reproductive, sensory-neural, hematological, and neurological disorders. Additionally, the course will include the care of the critically ill as well as concepts of emergency care and disaster planning.
Prerequisite: NURS 324 And NURS 350 And NURS 350L. Co-requisite: NURS 451L

NURS 451L (3-0-9) Adult Health II Clinical: This course is the clinical component of NURS 451. Students will have dedicated clinical experiences in acute care settings including critical care units. Students will also be exposed to clinical laboratory experiences including refinement of psychomotor skills and simulation activities related to adult health. The clinical course allows the application of nursing skills, knowledge, and critical thinking necessary for safe effective nursing care of adults.
Prerequisite: NURS 324 And NURS 350 And NURS 350L. Co-requisite: NURS 451

NURS 480 (3-0-9) Senior Practicum: This practicum course is the capstone experience that includes synthesis of nursing cognates and general education. This course is designed to provide students with the opportunity to integrate clinical and theoretical learning from previous nursing courses through a role-

transition clinical experience. In consultation with the instructor, students plan, coordinate, implement, and evaluate a unique senior project using the nursing process with a focus on a professional nursing role. The purpose is for students to function in one of the professional nursing roles and further the transition from student nurse to professional nurse.
Prerequisite: NURS 300 And NURS 310 And NURS 320 And NURS 325 And NURS 400 And NURS 411 And NURS 430 And NURS 330 Or NURS 421

NURS 481 (2-2-0) Capstone Theory: This capstone course is designed as a synthesis of theoretical nursing concepts through the use of case studies, application exercises and simulation activities.
Prerequisite: NURS 360 And NURS 360L And NURS 361 And NURS 361L And NURS 401 And NURS 405 And NURS 405L And NURS 451 And NURS 451L. Co-requisite: NURS 481L

NURS 481L (3-0-9) Capstone Clinical: This course is designed to provide students with the opportunity to comprehensively apply and integrate synthesized theoretical and clinical experiences from previous nursing courses into a capstone experience. This course provides student with the opportunity to comprehensively apply clinical concepts through faculty and preceptor guided clinical experiences.
Prerequisite: NURS 360 And NURS 360L And NURS 361 And NURS 361L And NURS 401 And NURS 405 And NURS 405L And NURS 451 And NURS 451L.Co-requisite: NURS 481

PEDU 100 (1-1-0) Individual Physical Education Activities: Special activities designed for students with physical disabilities or verified health problems that prevent their participation in vigorous physical education.

PEDU 101 (1-2-0) Swimming (Coed): An introductory course in the fundamentals of swimming, with instruction provided at the beginning swimmers level of the Red Cross Program.

PEDU 102 (1-2-0) Dance: A course for beginning dancers, emphasizing movement as a medium of expression in the development of dance technique, locomotor skills, and creativity.

PEDU 103 (1-2-0) Jogging: This activity course is designed to improve student understanding of the component parts of fitness (muscular strength and endurance, cardiovascular endurance, flexibility and body composition) and their relationship to his/her individual needs.

PEDU 106 (1-2-0) Beginning Soccer: This course is designed to teach students the fundamental skills and strategies of soccer. The students will understand and become familiar with the rules and regulations, consequently enhancing self-confidence and satisfaction in teaching and participating in soccer.

PEDU 107 (1-2-0) Weight Training: This course is designed to familiarize students with weight training and body conditioning. Emphasis will be placed on proper lifting techniques, weight training for conditioning, body building, and power lifting.

PEDU 110 (1-2-0) Softball: The study and practice of the fundamentals of softball, including rules, playing strategies, team offense and defense, and techniques of base running, catching, throwing, and batting.

PEDU 111 (1-2-0) Stunts, Tumbling and Trampoline: The study and practice of fundamentals for performing beginning stunts and tumbling exercises safely and skillfully.

PEDU 112 (1-2-0) Golf: The study and practice of beginning golf, with emphasis on terminology, rules, customary courtesies, and appropriate use of the following clubs: mid-irons, short-irons, putter, and woods.

PEDU 120 (1-2-0) Tennis and Badminton: The study and practice of fundamentals involved in singles and doubles play in tennis and badminton, including rules, techniques, and skills.

PEDU 121 (1-2-0) Archery and Table-Tennis: A practical study of the historical development, rules, techniques, and basic skills of archery and table tennis.

PEDU 122 (1-2-0) Volleyball: A practical study of the fundamentals of volleyball, including the historical development of the game and the rules and techniques of serving, setting, volleying, and scoring basic to playing the game.

PEDU 130 (1-2-0) Basketball: A practical study of the fundamentals of basketball, including the rules and historical development of the game, techniques of passing, dribbling, shooting, and conditioning, playing strategies, and team offense and defense.

PEDU 131 (3-3-0) Theory of Physical Education: A study of the philosophical, historical, biological, sociological, and psychological foundations of physical education.

PEDU 132 (1-2-0) Bowling: A practical study of the rules, performance skills, and techniques for beginning bowling.

PEDU 140 (1-2-0) Conditioning Exercise: A practical study of conditioning exercises, individual and group, for improving health and fitness, posture, and appearance.

PEDU 141 (1-2-0) Racquetball: This course introduces the beginner to the basic skills of racquetball, including scoreboard and backhand drives, grips, footwork, and serves. Safety considerations as well as rules and terminology are covered. Basic strategy is presented involving the return of service, use of ceiling and rear wall, and passing and kill shots. The course prepares the beginner for play in singles, doubles, and cutthroat.

PEDU 200 (1-2-0) Swimming I: A course for physical education majors who already swim, emphasizing the following skills: a fully-coordinated crawl stroke, back stroke, open turn, treading water, surface turns, underwater swimming, back float, and standing front dive. (For physical education majors).

PEDU 201 (1-2-0) Swimming II: A course in swimming emphasizing the following swimming strokes and skills: breast stroke, inverted breast stroke, trudgen crawl, side stroke, American crawl, butterfly, and fundamental diving skills.

PEDU 202 (2-2-0) Individual and Dual Sports: A practical introduction to the individual and dual sports of archery, camping, and indoor and outdoor games, with emphasis on the knowledge base of each sport, teaching techniques and methods, playing strategies, mechanical analyses, and skill development.

PEDU 204 (3-3-0) Methods and Materials in Individual and Dual Sports: A practical introduction to the individual and dual sports of tennis, golf, badminton, archery, camping, and recreating sports with emphasis on the knowledge base of each sport, the methods and techniques of teaching each, playing strategies, mechanical analyses, and skill development.

PEDU 210 (2-2-0) Team Sports I: Soccer and Volleyball: A course in team sports, focusing on development of sport skills in flag/ touch football, volleyball, and soccer. This includes learning techniques for the acquisition and retention of neuromuscular skills.

PEDU 212 (1-1-0) Gymnastics and Stunts: A course in the development of physical coordination, strength, and related teaching techniques through practice sessions on the trampoline, parallel bars, side horse, and mats.

PEDU 214 (3-3-0) Methods and Materials in Team Sports: A course in team sports, focusing on the development of sport skills in track and field, flag/ touch football, volleyball, soccer, basketball, and softball. This course includes the learning of methods and techniques for the acquisition and retention of neuromuscular skills.

PEDU 290 (2-3-0) Modern Dance: A course focusing on the development of kinetic awareness in sequences and movements, with emphasis on a practical knowledge of locomotor and non-locomotor movements related to modern dance basic to enhancing dance techniques, locomotor skills, and creativity.

PEDU 300 (1-2-0) Practicum in Phy Education: A practical course in physical education incorporating supervised experience in the development of teaching skills and leadership abilities appropriate to classroom settings, with emphasis on arranging equipment, organizing groups for skills practice, measuring and marking play areas, and selecting and administering skills tests.

PEDU 302 (2-2-0) Motor Learning: A study of the physiological and psychological variables associated with motor performance and skill acquisition and retention, with special attention to theories and principles of psychomotor skills learning, research studies and relevant issues related to motor learning, and the role of physical movement in the acquisition of knowledge and skills in non-motor subject matter areas.

PEDU 310 (2-2-0) Rhythms and Movement Concepts for Physical Education: A practical study of the rhythmic structures of dance movements and their promotion of motor skill development. The course will also explore the development of physical coordination, strength, and related teaching techniques of floor gymnastics.

PEDU 311 (3-3-0) History and Principles: An introduction to the philosophical, historical, biological, sociological, and psychological foundations of physical education and sports, sports curriculum development, and motor learning theories.

PEDU 320 (3-3-0) Methods and Materials of Teaching Health Education and Physical Education: An introduction to methods and materials basic to elementary school health and physical education programs.

PEDU 321 (3-3-0) Early Childhood Physical Education K-6: An in-depth experience in the teaching of physical education activities to preschool and primary children.

PEDU 322 (3-3-0) Physical Education in Middle Grades 6-9: An introduction to methods and materials basic to developing programs and teaching physical education activities appropriate to children in the Middle Grades.

PEDU 331 (3-3-0) Kinesiology: A study of the musculature and bone structure of the human body and their relationship to physical movement, joint mechanisms, leverage, and muscle actions.

Prerequisite: ZOOL 210

PEDU 341 (3-2-0) Basketball Theory: An exploration of theories of basketball, with additional emphasis on organization and supervision of programs, motivation, evaluation, ethics, philosophy, planning, drills, and offensive and defensive skills.

PEDU 342 (3-3-0) Track Theory: An introduction to the theories and practices of teaching and coaching specific track events, with emphasis on research and performance techniques, track and field meet administration, and rules of the sport.

PEDU 351 (3-2-0) Football Theory: An exploration of theories of football, with additional emphasis on organization and supervision of programs, motivation, evaluation, ethics, philosophy, planning, drills, and offensive and defensive skills.

PEDU 360 (3-3-0) Theory and Practice in Elementary Physical Education: A practical study of the place of physical activities in the total development of elementary age students (K-6), with emphasis on methods and materials for incorporating in the curriculum such activities as movement education, rhythms, mimetics, relays, combatives, selftesting, games of low organization, and singing games.

PEDU 361 (2-2-0) Sport Officiating: A study of the rules and mechanics for officiating at various seasonal sports, with practical experience in officiating at university intramural programs and in observing and evaluating officials in regularly scheduled contests.

PEDU 362 (3-3-0) Lifesaving and Water Instruction: A course to provide students with the knowledge and skills to save their own lives or the life of another in the event of an emergency. Major emphasis will be placed on personal safety, self rescue, rescue training skills, and back injury problems. Instruction and participation in swimming for the development of advanced skills and techniques will include methods and materials for teaching all levels of swimming.
Prerequisite: PEDU 201

PEDU 411 (3-3-0) Organization and Administration of Health and Physical Education: A study of the organization and administration of programs in health and physical education, including such topics as philosophy, program planning, course evaluation, staffing, facilities and equipment management, athletic activities, budgeting and finance, and public relations.

PEDU 421 (3-3-0) Measurement and Evaluation: A study of measurement and evaluation in health and physical education, including the selection and administration of appropriate tests and the use of fundamental statistical procedures to calculate and interpret results.

PEDU 431 (3-3-0) Adapted Physical Education: A study of principles and methods for adapting health and physical education programs to handicapping conditions. These principles and methods will be demonstrated by evaluations of physical, perceptual motor, and postural fitness levels, and the design, implementation, and evaluation of an active diversified adapted program. A 25 clock hour laboratory experience is required.

PEDU 440 (3-3-0) Measurement and Evaluation in Health and Physical Education: A study of and an introduction to measurement and evaluation in health and physical education, including the selection and administration of appropriate tests and the use of fundamental statistical procedures to calculate and

interpret results.

PEDU 442 (3-3-0) Modern Dance Theory: A course incorporating the analysis and practice of skills, the exercise of creative processes, and the acquisition of knowledge involved in modern dance.

PEDU 450 (4-4-0) Physiology of Exercise and Kinesiology: This course explores the study of the musculature and bone structure of the human body and their relationship to physical movement, joint mechanisms, leverages and muscle action. This course will also emphasize the physiological effect of exercise on the various body systems with emphasis on the musculoskeletal, cardiovascular, and respiratory systems. The use of laboratory techniques in monitoring physiological parameters will also be visited.
Prerequisite: Instructor approval

PEDU 452 (3-3-0) The Intramural Sports Program: A practical study of the organization and administration of public and collegiate sports programs.

PEDU 460 (3-3-0) Methods and Materials in Physical Education K-12: A course for physical education majors emphasizing the importance of physical activity in the total development of the elementary and secondary student, with attention to the methods and materials, objectives and characteristics of activities appropriate to students in grades K-12, and to techniques for evaluating movement, locomotor, and non-locomotor skills.

PEDU 462 (3-3-0) Physiology of Exercise: A study of the physiological effects of exercise on the various body systems, with emphasis on the musculoskeletal, cardiovascular, and respiratory systems, and on laboratory techniques for monitoring physiological parameters.
Prerequisite: PEDU 331

PEDU 463 (3-3-0) Athletic Injuries: A practical study of the principles and applications basic to the prevention, treatment, and rehabilitation of athletic injuries.

PEDU 471 (3-33-0) Research Methodology: A critical analysis and investigation of the current research methods applicable to health and physical education and the changing academic climate.

PEDU 472 (3-3-0) Sports in Contemporary American Society: An interdisciplinary course introducing the social, economic, ethical, moral, and recreational aspects of sports in contemporary society, with special examination of such topics as aggression in sports, the roles of blacks and women in sports, exploitation in sports, and the entertainment value of sports.

PEDU 482 (3-3-0) Psychology of Coaching: A practical study of problems specifically related to coaching, such as recruiting, acquiring a thorough grounding in game rules and playing techniques, organizing practices, and side-line coaching.

PEDU 483 (3-3-0) Supervision of Health and Physical Education: An analysis of current supervisory practices relative to physical education programs in city, county, and state school systems, with emphasis on program planning, fiscal management, and laws pertaining to the conduct of health and physical education programs.

PEDU 492 (3-3-0) Wrestling: A course focusing on the basic skills, tactics, strategies, rules and regulations involved in wrestling.

PHIL 110 (3-3-0) Critical Thinking: An introduction to the basic elements of argumentation, focusing on the analysis, evaluation, and development of claims and arguments in the sciences, the humanities, the social sciences, the applied sciences, and everyday life experiences. The course will strengthen the student's abilities to analyze, evaluate, and develop claims and arguments.

PHIL 120 (3-3-0) Moral Principles and Contemporary Moral Issues: This course reviews moral principles and theories and applies them to such contemporary ethical issues as abortion, war, capital punishment, discrimination, poverty, and the environment. Analyzing and evaluating the variety of moral arguments brought to bear on such issues is a major focus of the course.

PHIL 210 (3-3-0) Introduction to Philosophy: An analytical study of ancient and modern philosophical problems in metaphysics, the philosophy of religion, epistemology, ethics, and political philosophy, with emphasis on encouraging critical approaches to theoretical and practical issues.

PHIL 211 (3-3-0) Introduction to World Religions: An examination of the religions of the world, including the nature of religious beliefs, spiritual beings and powers, myths, rituals, ethics, religious claims and arguments, and the impact of religions on culture, politics, society, and the daily lives of believers. Traditional African religions, Islam, Hinduism, Buddhism, Christianity, religions of Meso America, religions of Native Americans, Confucianism, Taoism, Shintoism, Judaism, and Sikhism will be addressed.

PHIL 212 (3-3-0) African-American Philosophy: This course is a critical examination of the following concepts and issues pertaining to the African-American experience in historical and contemporary periods: oppression, resistance, justice, liberation, separatism, integration, affirmative action, identity, self-respect, race, class, gender, the universality of Western Philosophy, and cultural features of philosophy. These concepts and issues will be addressed through an analysis of writings by major figures such as: Sojourner Truth, Frederick Douglass, W.E.B. DuBois, Alain Locke, Martin Luther King, Jr., Malcolm X, William Jones, Cornel West, Angela Davis, Leonard Harris, Lucius Outlaw, and Bernard Boxill.

PHIL 220 (3-3-0) Introduction to Logic: An introduction to techniques of correct reasoning in informal contexts, to Aristotelian and mathematical logic, and to practical applications of logic, for example, in addressing contemporary issues and in completing the logic sections of national examinations such as the GRE, GMAT, LSAT, MCAT, and PRAXIS

PHIL 230 (3-3-0) Political and Social Philosophy: An introduction to traditional and contemporary social-political thought and its relationship to practice, with emphasis on the interdependence of economic and sociopolitical issues and on the African viewpoint and its relationship to other world views.

PHIL 250 (3-3-0) Environmental Ethics: This course introduces students to philosophical ethics through an engagement with environmental issues. It focuses on a variety of environmental issues including, but not limited to, endangered and invasive species, pollution, sustainability, population growth, biodiversity loss, non-human welfare, and global climate change. Students will learn basic concepts in ecology and key theoretical frameworks in ethics. The course will strengthen the student's ability to critically analyze the philosophical complexities germane to topics in environmental philosophy including: ecological thinking, sustainability, global environmental challenges, obligations to future generations, and environmental justice.

PHIL 310 (3-3-0) Philosophy of Religion: A course examining the claims of religion from a logical point of view and covering such topics as traditional arguments for the existence of God, the problem of evil, evolution, knowledge and belief, religion and morality, religious experience and verification, and existentialism.

Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 315 (3-3-0) Philosophy of Mind: This course addresses such key, perennial issues in the philosophy of mind as the nature of mind; the relationship of mind to body; the origin of mind; and the evolutionary function and value of mind. Because these issues have been traditionally addressed by philosophy and psychology, and more recently investigated by the empirical methods of neuroscience, it is appropriate and necessary that the course be interdisciplinary among these fields.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 320 (3-3-0) Introduction to Ethics: A philosophical exploration of the basis of the good life, involving approaches to the problems of moral belief and practices.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 330 (3-3-0) Ancient and Medieval Philosophy: A study of major philosophical developments from the ancient Greeks through the medieval period, emphasizing Plato, Aristotle, and Aquinas. Students will develop skills in the analysis, development, and evaluation of claims and arguments connected with the ancient and medieval period.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 340 (3-3-0) Modern Philosophy: This course provides a study of major philosophical developments of the modern period, with emphasis on the arguments of the rationalists and empiricists. Students will develop skills in the analysis, development, and evaluation of claims and arguments of the modern period.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 360 (3-3-0) Existentialism: This seminar in philosophy provides a study of Existentialism as a response to the philosophical problems unique to the post-industrial societies as articulated by Kierkegaard, Nietzsche, Sartre, Camus, et al. Focusing primarily on such major existential themes as choice, responsibility, identity, freedom, and alienation, the students will explore the common concern of these thinkers about human existence and the conditions and quality of the life of the individual.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 370 (3-3-0) Philosophy of Science: This course provides a philosophical exploration of issues in the philosophy of science and technology, and of problems of scientific belief and practice. Topic areas include the value of science; the nature of scientific activities; science and myth; generalization and related inductive reasoning; causal reasoning; scientific theories; science and society; change in science; and, scientific explanation. Students will develop skills in the analysis, development, and evaluation of scientific claims and scientific arguments.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHIL 430 (3-3-0) Seminar in Philosophy: Individual or group study and critical discussion of selected philosophical issues.
Prerequisite: PHIL 110 Or PHIL 210 Or PHIL 220

PHYS 110 (2-2-0) Basic Physics: An introduction to fundamental concepts of measurements, dimensions and units, scalars and vectors, forces and free-body diagrams, work and energy, with attention to the improvement of problem solving and computational skills.
Prerequisite: MATH 123

PHYS 111 (4-3-2) General Physics I: An introductory study of the phenomena and concepts of classical physics, emphasizing mechanics, wave motion, fluids, temperature, and heat, with laboratory exercises

providing practical knowledge in handling laboratory apparatus, data collection, and data interpretation related to topics discussed in the lectures.
Prerequisite: MATH 124 Or MATH 129 Or MATH 130

PHYS 112 (4-3-2) General Physics II: A continuation of PHYS 111, emphasizing the principles of electricity, magnetism, electromagnetic waves, geometrical and physical optics, with laboratory exercises providing practical knowledge in handling laboratory apparatus, data collection, and data interpretation related to the topics discussed in the lectures.
Prerequisite: PHYS 111

PHYS 113 (2-2-0) General Physics III: A continuation of PHYS 112, emphasizing the concepts and principles of modern physics, including special relativity, quantum physics, nuclear and high energy physics. Conceptual demonstrations of essential principles will be an integrated feature of this course.
Prerequisite: PHYS 112

PHYS 121 (4-3-2) College Physics I: A calculus-based introductory study of Newtonian mechanics, wave motion, thermodynamics, and related concepts, with special emphasis on problem-solving and with laboratory experiences providing practical knowledge in handling laboratory apparatus, data collection, and data interpretation related to topics discussed in the lectures.
Prerequisite: MATH 241 (may be taken concurrently) And MATH 142

PHYS 122 (4-3-2) College Physics II: A continuation of PHYS 121, emphasizing the principles of electricity, magnetism, electromagnetic waves, geometrical and physical optics, with laboratory exercises providing practical knowledge in handling laboratory apparatus, data collection, and data interpretation related to topics discussed in lectures.
Prerequisite: PHYS 121

PHYS 123 (2-2-0) College Physics III: A continuation of PHYS 122, emphasizing the principles of special relativity, quantum physics, nuclear and high energy physics. Demonstrations of essential principles will be an integrated feature of this course.
Prerequisite: PHYS 122

PHYS 211 (4-3-2) Mechanics: An intermediate-level concentration in mechanics dealing with vector analysis, central force problems, rotational motion, and time, position, and velocity dependent forces, steady state and time varying forced oscillations and the Lagrangian method. Laboratory exercises complement theoretical concepts covered in the course.
Prerequisite: MATH 331 (may be taken concurrently) And PHYS 121 And MATH 242

PHYS 212 (4-3-2) Heat: An intermediate-level concentration in thermodynamics dealing with the laws of thermodynamics, open and closed systems, kinetic theory of gases, heat engines, and statistical mechanics with laboratory exercises complementing theory.
Prerequisite: MATH 241 And PHYS 122

PHYS 301 (4-3-2) Electronics for Scientists: An introduction to the foundations of electronics for students of the sciences, with specific consideration of the properties of semi conducting elements. The course emphasizes various types of electronic circuits and devices such as amplifiers, and other solid state devices, using linear and digital circuits. Construction and analysis of electronic circuits and devices, with experimental demonstrations of their uses, are essential components of the course.
Prerequisite: MATH 241 (may be taken concurrently) And PHYS 112 Or PHYS 123 And MATH 142

PHYS 302 (4-3-2) Biophysics: An introduction to the basic principles of electricity, mechanics, thermodynamics, optics, and acoustics to living organisms and the biosphere. Beginning with the subatomic level, the basic knowledge of physics is used to understand the structure and function of macro-molecules, cellular organelles, the processes occurring within the cell, and behavior of organisms in the environment. The treatment of biological phenomena will be based on physical principles with appropriate mathematics when necessary.
Prerequisite: MATH 241 (may be taken concurrently) And PHYS 112 Or PHYS 122

PHYS 311 (4-3-2) Electricity and Magnetism I: An intermediate-level presentation of the principles and theories of electricity and magnetism, with applications of Maxwell equations and boundary value problems and with laboratory exercises complementing theory.
Prerequisite: MATH 331 And PHYS 122 And PHYS 211

PHYS 312 (4-3-2) Electricity and Magnetism II: An intermediate-level presentation of the principles and theories of electricity and magnetism, with emphasis on boundary value problems, collision processes, radiation, and relativity.
Prerequisite: PHYS 311

PHYS 390 (3-3-0) Fire Dynamics: An examination of fire dynamics within the context of firefighting and its application to fire situations, including combustion, flame spread, flashover, and smoke movement, as well as applications to building codes, large-loss fires, and fire modeling.

PNUR 210 (2-2-0) Introduction to Professional Nursing: An introductory nursing course that covers the history of nursing, theoretical foundations of nursing, the roles of the professional nurse, professional behaviors, and an introduction to the nursing process and critical thinking.

POLI 110 (3-3-0) Introduction to Sustainability: This course introduces students to principles, theory, and practices of sustainability. It includes discussions on the interrelatedness of the economy, social system, and environment; maintaining healthy ecosystems; creating an ecological economy; ensuring environmental justice; managing democracy and ecological rationality; determining the roles of ethical and civic responsibilities in policymaking and sustainabile management; and examines the importance of participation and civic engagement in civic issues related to sustainability.

POLI 150 (3-3-0) North Carolina Government and Politics: This course is concerned with the evolution and empirical foundation of North Carolina government and politics. It investigates issues related to community power and decision-making, political leadership, the relationship between North Carolina citizens and their government, citizen participation, and civic engagement and moral issues in political lives.

POLI 200 (3-3-0) Introduction to Political Science: The study of the basic principles and concepts of political science with emphasis on the nature and function of political systems. Various approaches to the study of politics and the relationship of political science to other social sciences will be examined.

POLI 210 (3-3-0) Principles of American Government: An introduction to the historical background, purposes, and functions of political institutions, especially the structures and activities of the American system - federal, state, and local.

POLI 220 (3-3-0) Principles of Public Administration: A study of basic concepts of administration including the following topics: the growth of administration as an art and a science; the relationship of administration to the political process; administrative organization and processes; the political power of

bureaucracies; and the responsibility of public servants.

POLI 230 (3-3-0) Ethics and Global Affairs: The course will challenge students to apply theoretical discussions in a practical way to international ethical problems. It will examine great normative questions of international relations and challenge students to consider what those questions mean for how students conduct themselves as global citizens. Normative questions involve considerations of right and wrong, where the "rightness" and "wrongness" of the action is measured by some conception of the good.

POLI 240 (3-3-0) Introduction to Political Statistics: This course is designed for students to integrate empirical analyses and research methods with the substance of political and social research. Statistical techniques and applications have been chosen for their relevance to political science and policy analysis. This approach should make the study of statistics more meaningful and valuable to those who are uncertain about the role of statistical analysis in the social sciences.

POLI 300 (3-3-0) Environmental Politics and Policy: A study of the complex dynamics of the environmental policy-making process at various levels. The course considers the scope of environmental problems; perspectives on severity and policy implications; approaches to environmental policy formulation; strategies and political influences of the environmental community and its opponents; the scientific, economic, social, political, and institutional forces that shape policymaking and implementation; as well as the challenges of sustainable decision-making.

POLI 301 (3-3-0) Organizational Theory: An analysis of organizational theories, incorporating the traditional political, environmental, behavioral, bureaucratic, and decision-making approaches and applying them to studies of modern organizations, with additional attention to current research on contemporary issues demonstrating the continuing development of organizational theory.

POLI 311 (3-3-0) Political Parties and Pressure Groups: A study of the history, structure, and functions of American political parties and pressure groups, their relationship to democratic government, and their techniques of political action.

POLI 312 (3-3-0) Public Leadership and Management: A course focusing on leadership styles, human motivations, and basic problems of management, including decision-making, communications, and public relations.

POLI 313 (3-3-0) Sustainability Leadership: Students will learn leadership skills as well as responsible management practices for the achievement of a sustainable global society. The course also examines the contributions of sustainability, environmental responsibility, and environmental ethics to organizational management.

POLI 320 (3-3-0) State and Local Government: An examination of the framework of state and local governments in the United States and an evaluation of their contributions to federal systems, with special attention to North Carolina's governmental structure and contributions.

POLI 321 (3-3-0) Public Personnel Management: A study of the theory, practice, and organization of the public personnel system in the United States, including the essentials of personnel training, classification, compensation, promotion, testing, employee relations, and employee organizations.

POLI 330 (3-3-0) Public Financial Management: A study of the practices and problems of modern fiscal management, with special emphasis on budgeting concerns and techniques, budget management for planning

and control, and budget review as an analytical tool at the national, state, and local levels of government.

POLI 331 (3-3-0) Politics and Urban Planning: A study of approaches to urban planning in the light of political realities in the nation, the state, and the community.

POLI 332 (3-3-0) The Legislative Process: A study of the evolution, structure, functioning processes, and dynamics of American legislative institutions, with emphasis on the interrelationships among the legislative, executive, and judiciary branches and outside groups in the law-making process.

POLI 350 (3-3-0) Government and Politics of Africa: A course examining characteristics of governments and politics in the developing nations of Africa, with attention to such concerns as colonialism, independence movements, and the problems of nation building.

POLI 351 (3-3-0) Government and Politics of Europe: A comparative analysis of the organization, functioning, and processes of governments and politics in the Soviet Union and selected European countries.

POLI 352 (3-3-0) Government and Politics of Asia: A course analyzing the organization, functioning, and processes of governments and politics in China, Japan, and other Asian nations.

POLI 353 (3-3-0) Middle East Politics: This course introduces the domestic and external factors that shape the politics of the Middle East region. It also explores the structure and processes of governments in the Middle East in areas including their current politics and global economic impacts. As a course aligned with comparative politics/ regional politics and area studies, the course provides a prism through which to examine the types of regimes in the Middle East as well as the role of religion in political life.

POLI 400 (3-3-0) Administration of Urban Government: A study of the organization and management characteristics of various types of government entities in urban areas, including municipal government, county government, and governmental structures for other special districts.

POLI 401 (3-3-0) Federalism and Intergovernmental Relations: A course focusing on changing relationships of local, state, and federal agencies, the expanding role of regional planning boards, and recent developments in the sharing of federal tax revenue with non-national governments.

POLI 402 (3-3-0) Public Policy Formulation: A course covering approaches to decision-making in government and administration, including policy formulation within administrative agencies and departments and within the larger context of the overall political process.

POLI 410 (3-3-0) The American Chief Executive: A study of the origin, background, and evolution of the Office of the President of the United States, with a review of the president's powers in the areas of politics, administration, legislation, and foreign affairs.
Prerequisite: POLI 210

POLI 411 (3-3-0) Public Opinion and Propaganda: A study of the development of attitudes and beliefs, the nature of public opinion and propaganda, the methodology of public opinion polling, and the strategies and techniques for influencing public opinion through the uses of propaganda, mass media, and communications.

POLI 412 (3-3-0) Administrative Law: An investigation of administrative law, its powers and procedures, the liabilities of administrative agencies and officers, and governmental activities in the regulation of agriculture, industry, and labor.

POLI 420 (3-3-0) Research Methods in Public Management: A review of basic concepts, ideas, approaches, methods, and materials used to study administrative institutions, including simulation techniques, surveys, mathematical statistics, cybernetics, content analysis, and computers.

POLI 422 (3-3-0) American Foreign Policy: A study of American foreign policy decision-making with assessments of the effectiveness of foreign policies.

POLI 430 (3-3-0) International Politics: A study of the interplay of political forces in the international community, with emphasis on war-time diplomacy, peace treaties, and alignments of nations in times of peace and conflict during the postwar period.

POLI 431 (3-3-0) International Organization: A study of the basic concepts, historical backgrounds, evolution, and functioning of international governmental and administrative systems, with primary emphasis on the United Nations.

POLI 432 (3-3-0) International Law: A review of the rules and practices governing nations in peace and war; the nature, sources, evolution, and functioning of various schools of international law; principal law-making and adjudicatory agencies; international personalities; treaties; jurisdictions over person and place; diplomatic and consular interactions; peace settlements; war and neutrality.

POLI 440 (3-3-0) Introduction to Government Planning: A study of concepts, fundamentals, and methods of planning, focusing on the significance of planning to public administration and public policy, with special consideration of Program Planning Budgeting Systems (PPBS); Management by Objectives (MBO); Program Evaluation and Review Technique (PERT)' Planning, Management, and Evaluation (PME); and Zero Base Budgeting (ZBB).

POLI 441 (3-3-0) Citizen Participation in Policy Making: A study of citizen involvement in political activities and in government policy making, with analyses of citizen initiated and government sponsored efforts to increase popular input, and assessments of the effects of citizen participation on policy making related to specific issues and to the performance of governments.

POLI 442 (3-3-0) Public Policy Analysis: A study of the methods and techniques used in determining the effectiveness of public programs, with emphasis on the development of appropriate systems for conducting evaluations and with the use of case studies for practical exercises in policy analysis.

POLI 450 (3-3-0) History of Political Theory: A survey of political theories and their practical applications from the days of ancient Greece to the sixteenth-century theorist, Jean Bodin.
Prerequisite: POLI 200

POLI 460 (3-3-0) History of Political Theory II: A continuation of the study of political theories from Thomas Hobbes to the present.
Prerequisite: POLI 200

POLI 461 (3-3-0) American Political Ideas: A study of the political ideas of leading American political leaders and public officials, with particular attention to the influences of these ideas upon American

governmental systems.
Prerequisite: POLI 210 And POLI 200

POLI 470 (3-3-0) Government Internship: Supervised experience in the application of principles and techniques to various areas of public service, with supervision and evaluation under the direction of the instructor in cooperation with administrators of selected public agencies in the state, and with requirements including one-hour a week in lectures and conferences and at least nine hours a week on assignment at public agencies.

POLI 471 (3-3-0) Research Seminar: Practical experience in applying the research methods introduced in POLI 420 to in-depth studies of selected topics, incorporating computer technology for data gathering, analyses, and interpretation.
Prerequisite: POLI 420

POLI 480 (3-3-0) Senior Seminar: Intensive independent studies of selected topics, requiring the preparation and presentation of assigned topics for critical review.

POLI 481 (3-3-0) Senior Seminar - Selected Problems in Public Management: An analysis of problems in public management created by or associated with technological advancements, environmental changes, urbanism, the civil rights movement, ethics and values, private rights, and changing expectations.

POLI 490 (3-3-0) Advanced Reading and Research: Supervised reading and research in areas of special interest.

POSC 101 (3-3-0) Introduction to Law Enforcement: A study of the philosophy and history of law enforcement, including its legal limitations in a democratic republic; a survey of the primary duties and responsibilities of the various law enforcement agencies; a delineation of the basic processes of justice; an evaluation of law enforcement's current position; and an orientation relative to law enforcement as a vocation. Students who have completed CRJC 201 may not take this course.

POSC 102 (3-3-0) Highway Traffic Administration: An examination of the U.S. transportation system, including a study of complementary agencies that contribute to the effectiveness of operations within the system through the organization and administration of traffic flow regulations, traffic laws, traffic control, accident investigations, traffic courts, and regular operational analyses, with additional attention to the social, economic, and political impacts of the transportation system, including the complementary agencies in their contributory roles.

POSC 111 (3-3-0) Criminal Law: A presentation of the basic concepts of criminal law and an evaluation of the merits of rules of law and order in our system of government. Students who have completed CRJC 300 may not take this course.

POSC 210 (3-3-0) Criminal Investigation: An introduction to the fundamentals of investigation, including procedures and techniques for conducting crime scene searches; recording, collecting and preserving evidence; identifying, using, and protecting sources of information; conducting interviews and interrogations; preparing cases and making court presentations; and investigating specific criminal offenses.

POSC 221 (3-3-0) Introduction to Criminalistics: A general survey of the methods and techniques used in modern scientific investigations of crimes, with emphasis on practical applications of demonstrated laboratory techniques and the use of available scientific equipment. Students who have completed CRJC 221

may not take this course.

POSC 230 (3-3-0) Criminal Evidence: A study of the kinds and degrees of evidence and the rules governing the admissibility of evidence in court. Students who have completed CRJC 230 may not take this course.

POSC 232 (3-3-0) Police Organization and Administration: An introduction to the principles of police organization and administration, with special attention to the service functions; e.g., personnel management, police management, training, communications, records, property maintenance, and miscellaneous services.

POSC 241 (3-3-0) Crime Scene Technology: A review of processes governing the search for physical evidence, with emphasis on the location, reproduction, identification, collection, and preservation of evidence, and of the transportation of evidence to the crime laboratory, with laboratory situations providing practical experiences in applications of techniques and procedures studied.

POSC 251 (3-3-0) Criminal Procedures: A review of criminal procedures from incident to final disposition and a survey of the principles of constitutional, federal, state, and civil laws relative to law enforcement.

POSC 262 (3-3-0) Police Community Relations: A course in the development and use of community relations programs to aid and support the police, corrections programs, and the criminal justice system as a whole in their promotion of an orderly society. Students who have completed CRJC 262 may not take this course.

POSC 400 (3-3-0) Seminar in Criminal Interrogation and Confessions: A study of criminal interrogations and confessions, including such aspects as warning the subject, the Fourth Amendment Right of Privacy, the attitude of the interrogator, the classification of suspects for interrogation, tactics at interrogations, the interrogation of witnesses who may later become suspects, psychological tools to be used in extracting a confession from an unwilling suspect, procedures for reading suspects their rights and for informing them of those rights, the laws governing the admissibility of confessions in court, the use of trickery and deceit, and the latest laws- both federal and state-regarding, confessions and interrogations.
Prerequisite: POSC 101 Or CRJC 101 And CRJC 300

PSCI 111 (4-4-0) Physical Science I: An introduction to the principles, concepts, and ideas of the physical sciences (physics, chemistry, astronomy, geology, meteorology, and oceanography), including lectures, discussions, and laboratory sessions devoted to physics and chemistry, with opportunities for making observations, developing problem-solving techniques, and using reasoning skills in guided applications of the scientific method.
Prerequisite: MATH 123 Or MATH 123 (may be taken concurrently)

PSCI 112 (4-4-0) Physical Science II: A continuation of the principles, concepts, and ideas begun in Physical Science 1, including lectures, discussions, and laboratory sessions devoted to astronomy, geology, meteorology, and oceanography, with opportunities for making observations, developing problem-solving techniques, and using reasoning skills in guided applications of the scientific method.
Prerequisite: PSCI 111

PSYC 210 (3-3-0) General Psychology: An introduction to the study of psychology as a science and the application of the scientific method in the understanding of behavior, with emphasis on such behavioral phenomena as learning, motivation, emotions, memory and problem solving, personality and development,

behavior disorders, and psychotherapy.

PSYC 233 (4-4-0) Statistics for Psychology: A study of basic statistical theory and techniques appropriate to psychology and related fields; introduction to statistical inference and the testing of hypotheses. This course includes a lab which incorporates the use of computer packages for statistical analyses.
Prerequisite: PSYC 210 And MATH 123 Or higher

PSYC 250 (3-3-0) Current Topics in Psychology: A study of current topics in psychology with an emphasis on current research.
Prerequisite: PSYC 210

PSYC 260 (3-3-0) Computer Applications for the Behavioral Sciences: An introduction to computers with an emphasis on basic applications such as: word processing, the production of documents, presentations, and spreadsheets, and the uses of databases and statistical analysis software.
Prerequisite: PSYC 210

PSYC 300 (3-3-0) Psychology of Personal Adjustment: A study of coping mechanisms and adjustment strategies for meeting the everyday demands of life and dealing with special psychological problems, such as stress, depression, anxiety, deviant sexual behavior, sexual dysfunction, and other everyday problems.
Prerequisite: PSYC 210

PSYC 310 (3-3-0) Theories of Personality: An investigation of theories concerning the development and functioning of the normal personality, with attention to empirical findings related to individual adjustment or maladjustment.
Prerequisite: PSYC 210

PSYC 320 (3-3-0) Theories of Learning: A review of major theories of human and animal learning and motivation, with emphasis on individual and environmental factors affecting learning and performance in various contexts, including experimental and educational settings.
Prerequisite: PSYC 210

PSYC 331 (3-3-0) Developmental Psychology: An introduction to developmental psychology, focusing on the period from conception through adolescence, with emphasis on developmental principles and theories in the areas of cognitive, emotional, social, personality, and physical development.
Prerequisite: PSYC 210

PSYC 332 (3-3-0) Psychology of Aging: An introduction to adult development and human aging, including a survey of major developmental principles, theories, and current research in the areas of biological, cognitive, social, personality, and emotional development.
Prerequisite: PSYC 210

PSYC 342 (3-3-0) Introduction to Clinical and Counseling Psychology: A survey of the history, theories, and applications of clinical and counseling psychology, with an emphasis on analyses of the various approaches to counseling and therapy.
Prerequisite: PSYC 210

PSYC 343 (3-3-0) Multicultural Psychology: A study of the development of ethnic psychology, with emphasis on related theories and research and on the interactions of ethnic Americans with educational,

political, religious, and social institutions.
Prerequisite: PSYC 210

PSYC 345 (3-3-0) Positive Psychology: This course is designed to provide an introduction to positive psychology. Positive psychology focuses on the scientific study of human strengths and virtues. The course will examine human behavior that is effective, valuable, and results in positive contributions to human development. The format of the course will be didactic, experiential, and interactive.
Prerequisite: PSYC 210

PSYC 350 (3-3-0) Industrial and Organizational Psychology: A study of psychological factors influencing performance in work settings, especially group processes, employee motivation, leadership, selection, and training, with additional emphasis on the analysis and design of jobs and organizations.
Prerequisite: PSYC 210

PSYC 352 (4-3-1) Research Methodology: A lecture and laboratory course covering the design, analysis, implementation, and interpretation of experimental research in areas of general psychology, such as learning, memory, and perception, and in social psychology.
Prerequisite: PSYC 233

PSYC 354 (3-3-0) Writing for Psychology: The course is designed to teach students the basic mechanics of writing in psychology. Topics to be discussed in this course will include orderly and precise presentation of ideas, smoothness and economy of expression, and the preparation of manuscripts according to the standards of the American Psychological Association.
Prerequisite: PSYC 210

PSYC 360 (3-3-0) Social Psychology: A study of individual behavior influenced and affected by social factors, with emphasis on socialization, attitude formation, and change, with additional attention to interpersonal attraction, leadership, and other behaviors in group settings.
Prerequisite: PSYC 210

PSYC 365 (3-3-0) Health Psychology: An examination of the links between medicine and psychology, including the relevance of biological, personal, cognitive, developmental, social, environmental, and cultural variables to health and illness. Health, illness, health and illness behavior will be studied with the aim of greater understanding of health issues and the individuals┐ relationship to these issues within individual, cultural and cross-cultural contexts.
Prerequisite: PSYC 210

PSYC 370 (3-3-0) Introduction to Biopsychology: A study of background and contemporary research relating behavior to biological processes. Data on neural and hormonal systems are summarized and used in examining such complex behaviors as learning, perception, and motivation.
Prerequisite: PSYC 210

PSYC 380 (3-3-0) Behavior Modification: A study of applications of learning theories and laboratory findings to behavior problems in educational, clinical, and social settings, with emphasis on empirical research demonstrating the effectiveness of behavior modification and cognitive/behavioral techniques.
Prerequisite: PSYC 210

PSYC 381 (3-3-0) Child Psychopathology: A survey of factors affecting psychological development from infancy through adolescence, with emphasis on conceptual models, assessment approaches, and treatment of

abnormalities.
Prerequisite: PSYC 331

PSYC 390 (3-3-0) Psych Tests and Measurements: A survey of the major methods of evaluating and comparing psychological and physical abilities, including methods of measurement, basic statistical concepts relative to evaluation, and applications of psychological testing.
Prerequisite: PSYC 233

PSYC 400 (3-3-0) History and Systems of Psychology: A survey of the development of psychology in historical and socio-cultural perspective. A review of the major historical and contemporary systems of psychology, and their relation to the philosophy of science and to the selection of problems and methodologies.
Prerequisite: PSYC 352

PSYC 403 (3-3-0) Psychopharmacology: A study of the effect of pharmacological agents on the brain and behavior. This class fosters a multilayered approach, from the receptor level to system and behavioral level. Every drug and its psycho-physiological effects are discussed in the social context where it occurs.
Prerequisite: PSYC 370

PSYC 420 (3-3-0) Sensation and Perception: A study of the structures and functions of the sensory systems, with particular attention to perceptual processes influenced and affected by physical factors in the environment and by psychological aspects of the perceiving organism.
Prerequisite: PSYC 370

PSYC 421 (3-3-0) Cognitive Psychology: A study of theoretical approaches and research findings relevant to the complex processes of thinking, linguistic expression, problem solving, and decision making, with attention to the relation of these processes to intelligence and creativity.
Prerequisite: PSYC 210

PSYC 422 (3-3-0) Abnormal Psychology: A survey of disturbances of personality and behavior and of the major viewpoints regarding causes, prevention, and treatment.
Prerequisite: PSYC 210

PSYC 430 (3-3-0) Advance Seminar Sex and Gender: This senior seminar will explore how various areas of psychology conceptualize and investigate the relationship between sexuality and gender. The study of gender/sexual relations will be approached from many different perspectives, including individual, social, cultural, historical, and biological. Sources will include journal articles, books, and fictional stories.
Prerequisite: PSYC 352

PSYC 433 (3-3-0) Psychology of Language: Understanding language is an important part of understanding human behavior. Different areas of scientific study emphasize different aspects of language processing. This class reviews the biological bases of language development, word recognition, meaning and use of language, as well as language production. Combining insights from neuroscience and psycholinguistics, this class has a cognitive emphasis and it requires that the student is familiar with general concepts of Cognitive Psychology.
Prerequisite: PSYC 421

PSYC 443 (3-3-0) Introduction to Animal Behavior: This course focuses on understanding the evolution, expression, organization, and modification of animal behavior. Behavioral variation as well as the

conservative nature of many behavioral responses will be addressed. The course will consider how the study of behavior in animals other than humans may help us to understand human behavior as well as to better conserve threatened or endangered species.
Prerequisite: PSYC 233 And PSYC 352

PSYC 460 (3-3-0) Senior Seminar: A study of selected contemporary topics examining the functional interrelationships of research, theory, and/or application within the various areas of psychology.
Prerequisite: PSYC 210

PSYC 465 (3-3-0) Biopsychology Laboratory: The aim of the Biopsychology Laboratory is to introduce students to paradigms for the explanation and study of behavior that are characterized by a focus on the functioning of the nervous system. This lab will examined these functions within the broader framework of the structures of behavior (innate and acquired), as well as functional systems (sensation, perception, motor control and cognition).
Prerequisite: PSYC 370

PSYC 469 (3-3-0) Advanced Biopsychology: Examines broad range of questions about how the nervous systems are organized, and how they function to generate behavior. These questions are explored using the analytical tools of molecular and cell biology, genetics; questions are explored using the analytical tools of molecular and cell biology, genetics, systems anatomy, and physiology. The student will focus on an advanced understanding of central nervous system processes.
Prerequisite: PSYC 370

PSYC 470 (3-3-0) Emotions: This course is designed to provide an overview of emotion, focusing on a variety of theoretical perspectives: cognitive, biological, developmental, evolutionary, historical, and social/ cultural. Emphasis will be placed on the examination of the neural and neurohormonal correlates of emotional behaviors and emotional experiences. Emphasis is placed upon the similarity between the emotional behaviors of humans and other species and in determining both normal and abnormal human emotional experiences.
Prerequisite: PSYC 370

PSYC 475 (3-3-0) Introduction to Evolutionary Psychology: This course is designed to convey the historical antecedents of evolutionary psychology and provide a reasonably thorough and balanced assessment of its methods, potential, and the criticisms leveled against it. This course will include a survey of the areas of research in evolutionary psychology and such topics as the evolution of action and feeling; cooperation; development and family dynamics; and higher cognition.
Prerequisite: PSYC 210

PSYC 485 (3-3-0) Individual Topics in Psychology: Systematic review of various topics on issues of psychological relevance, such as stress management, and sexual reinstatement.
Prerequisite: PSYC 210

PSYC 489 (3-3-0) Independent Study I: Supervised library, laboratory, and/or field research in psychology on a student's topic of choice (topic determined in consultation with a faculty supervisor).
Prerequisite: PSYC 210

PSYC 490 (3-3-0) Independent Study II: Supervised library, laboratory, and/or field research in psychology on a topic of choice of a student.
Prerequisite: PSYC 210

PSYC 491 (3-3-0) Independent Study III: Supervised library, laboratory, and/or field research in psychology on a student's topic of choice (topic determined in consultation with a faculty supervisor).
Prerequisite: PSYC 210

PSYC 492 (3-3-0) Independent Study IV: Supervised library, laboratory, and/or field research in psychology on a student's topic of choice (topic determined in consultation with a faculty supervisor).
Prerequisite: PSYC 210

PSYC 493 (3-3-0) Independent Study V: Supervised library, laboratory, and/or field research in psychology on a student's topic of choice (topic determined in consultation with a faculty supervisor).
Prerequisite: PSYC 210

READ 300 (3-3-0) New Literacies of 21st Century: This course is designed to explore the reading process, factors that affect reading development, and the changing nature of literacy in the 21st Century, including an examination of reading comprehension and learning using the internet versus print-based reading environments.

READ 316 (3-3-0) Corrective and Remedial Reading: A course in the prevention, diagnosis, and correction of reading difficulties.

READ 320 (3-3-0) Teaching Reading in the Content Areas: A study of methods, materials, classroom procedures, and evaluation techniques for facilitating reading in the content areas in middle and secondary schools. (Fall, Spring, Summer)
Prerequisite: Admission to teacher education and permission of instructor.

READ 370 (3-3-0) Linguistics and Reading: This course focuses on the purposes of literacy instruction, which includes helping children develop their oral language skills, and describing how reading and writing develop. Emphasis is placed on providing a wide variety of activities for preschoolers to stimulate language development and literacy. Assessing children's progress in literacy is also addressed.

READ 380 (3-3-0) Practicum in Teaching Reading to Adult Non-Readers: A practical course in assessing the reading needs of adult non-readers and in designing remedial programs to address reading deficiencies.

READ 390 (3-3-0) Methods and Materials in Teaching Reading: A study of reading problems, materials, methods, and instructional media basic to the effective teaching of reading.

READ 400 (3-3-0) Practicum in the Correction of Reading and Related Disorders: A clinical experience in diagnosing reading problems and deficiencies of disabled readers, with emphasis on methods of assessing disabled readers, writing reports and lesson plans according to assessed needs, and tutoring.
Prerequisite: READ 390

READ 422 (3-3-0) Teaching Reading to Culturally Diverse Children: An examination of materials and approaches for teaching reading effectively in a multicultural setting.

READ 441 (3-3-0) The Psychology of Reading: A study of learning theories related to the process of reading, with emphasis on language development, including linguistic, cognitive, perceptual, and sensory aspects, and the relationship of language development to reading growth and development.

READ 490 (3-3-0) Seminar in Reading: Analyses of problems, issues, and trends in reading education.
Prerequisite: READ 320

RECR 200 (3-3-0) Prog Plan-Urban Rec: A course in the development of recreation program activities for all age groups, including consideration of facilities and equipment, group composition, community resources, and leadership techniques, as well as the role of the supervisor in personnel selection, motivation, and evaluation, and in the planning, organization and operation of a comprehensive program.

RECR 203 (3-3-0) Introduction To Community Recreation: A study of the historical, physiological, social, economic, and philosophical foundations of recreation, with emphasis on the theories, objectives, and principles of public, private and commercial recreation programs.

RECR 300 (3-3-0) Leadership in Supervised Recreation: Observation of and practical experience in effective supervision of recreation activities and recreation personnel, both professional and volunteer.

RECR 312 (3-3-0) Organization and Administration in Community Recreation: A study of the administrative practices, organizational structures, principles, and philosophy of community recreation.
Prerequisite: RECR 203

RECR 411 (3-3-0) Recreational Practice (Internship): An internship experience in recreational practice with public and private agencies.
Prerequisite: RECR 200

RECR 422 (3-3-0) Camping: An introduction to fundamentals of planning, organizing, and administering camping programs.

RECR 430 (3-3-0) Therapeutic Recreational Services: A study of recreational activities designed to meet the limitations imposed by handicaps or illnesses.

RECR 431 (3-3-0) Physical Recreation for the Emotionally Handicapped: An examination of individual and group approaches to physical education for the emotionally disturbed and mentally ill.

RELI 215 (3-3-0) Introduction to the Bible: A study of important Biblical writings, with special emphasis on the diverse forms of writings in the Bible, the historical contexts in which specific books were produced, and the religious beliefs and values expressed.

RELI 410 (3-3-0) Soc/Rel: A study of the relationship between religious beliefs and diverse cultural forms, including art, literature, music, politics, and society, with examinations of non-western as well as of western religious traditions.

SOCI 150 (3-3-0) The Global Society: This introductory course focuses on the global society. Using a variety of techniques, the course introduces students to several of the more pressing global issues and demonstrates their interconnectedness; acquaints students with the main structural features of the global system; equips students to live and work in a globally interdependent world, develops students' ability to work with diverse sets of interest groups on complex issues that cross local and national boundaries; and, by demonstrating the links between global issues and the global society, encourages a recognition of the ethical and social responsibility of global citizenship.

SOCI 210 (3-3-0) Principles of Sociology: An examination of the basic concepts and principles of sociology, with emphasis on a scientific analysis of culture, personality, social groups and social institutions, social organizations, population trends, and social processes.

SOCI 220 (3-3-0) Contemporary Social Problems: An analysis of the causes and consequences of current social problems: poverty, urbanization, wars, mental illness, alcoholism, drug addiction, crime and delinquency, environmental concerns, and problems of social institutions.

SOCI 305 (3-3-0) Selected Topics in Sociology: Students will examine in-depth a topic of sociological importance chosen by the instructor. Particular attention will be focused on current theoretical and/or methodological explanations of the particular substantive topic. Each student can take up to two different selected topics courses.
Prerequisite: SOCI 210 Or permission of the instructor

SOCI 330 (3-3-0) Marriage and Family Relations: An analysis of the forms and functions of the family, including changing sex roles, marital choice, procreation, and socialization, with emphasis on the history of American family patterns and the effects of contemporary social changes on the family.
Prerequisite: SOCI 210 Or permission of the instructor

SOCI 331 (3-3-0) Social Statistics: An introduction to techniques for the analysis and interpretation of research data, including descriptive statistics (frequency distributions, centrality, variability and correlation measures) and inferential statistics (sampling theories and tests of statistical hypotheses, including the chi square, t-tests and analysis of variance).
Prerequisite: SOCI 210 And MATH 123 Or higher

SOCI 333 (3-3-0) Introduction to SPSS: An introduction to the Statistical Package for the Social Sciences, a computer program for data processing and statistical analysis, enabling students without knowledge of programming or without programming aspirations to utilize the computer for scientific research.
Prerequisite: SOCI 210 And SOCI 331 Or equivalent Or permission of instructor

SOCI 335 (3-3-0) Sociological Research Methods: An introduction to the various sociological research methods, with emphasis on research design, questionnaire construction, the construction and use of surveys, uses of available data, methods of collecting and analyzing data, the testing of hypotheses, the drawing of inferences, and the writing of the research report.
Prerequisite: SOCI 210 And SOCI 331 Or equivalent

SOCI 340 (3-3-0) Crime and Delinquency: A study of the nature of crime and delinquency as forms of deviant behavior, including theories of causation relating to both, with considerations of the justice system for each.
Prerequisite: SOCI 210

SOCI 350 (3-3-0) History of Sociological Thought: A selective and systematic study of major writings in the development of modern sociological thought, with critical examination of the sociological theories of selected writers.
Prerequisite: SOCI 210

SOCI 351 (3-3-0) Contemporary Social Theory: A study of the major contemporary sociological theories, with critical analyses of the writings of American social theorists.
Prerequisite: SOCI 210

SOCI 360 (3-3-0) Sociology of Deviant Behavior: A study of the major theories and types of deviant behavior, with critical analyses of society's reactions to such behavior.
Prerequisite: SOCI 210

SOCI 362 (3-3-0) The Sociology of Religion: A study of the nature of religion, including the societal and cultural dimensions of religion, the role of religion in social change, and the status of religion in contemporary society.
Prerequisite: SOCI 210

SOCI 370 (3-3-0) The Sociology of the Black Community: A sociological analysis and description of the black community, its socio-historical characteristics, the life styles and socio-cultural patterns within the black community, and the structures and functions of specific social institutions within the black community.
Prerequisite: SOCI 210 Or permission of instructor

SOCI 372 (3-3-0) Sociology of Education: An examination of education as a social institution, the school as a social system, the teacher as an agent of social change, and social programs as complements of programs in education, with emphasis on current social trends, special problems in teaching today, social factors that influence learning, and the role of education in the status attainment process.
Prerequisite: SOCI 210

SOCI 375 (3-3-0) Comparative Societies: A comparative study of human social life. This course presents students with an overview of the major social, cultural, political, economic, and other organizational differences among human societies and the transformations that have occurred over the millennia. The major theoretical and empirical works in the field are examined.
Prerequisite: ANTH 210 Or SOCI 210

SOCI 380 (3-3-0) Sociology of Work: A sociological analysis of the division of labor, labor force trends, career patterns and mobility, and occupational cultures and lifestyles.
Prerequisite: SOCI 210

SOCI 390 (3-3-0) Social Behavior and Interaction: This course provides an analysis of the major scientific propositions, concepts, research methods, and theories developed to explain the behavior of individuals in relation to other individuals, groups, and culture. Emphasis will be placed on the relationship between social interaction and the behavior of individuals.
Prerequisite: SOCI 210

SOCI 400 (3-3-0) The Sociology of Gender Roles: A course examining the social determinants of gender role identity, with emphasis on the relationship between gender role identity and personality, personal and professional relationships, work, religion, and general culture, particularly the culture of the United States.
Prerequisite: SOCI 210

SOCI 410 (3-3-0) Introduction to Gerontology: An introduction to the field of gerontology, with emphasis on the psychological, biological, and sociological processes of aging.
Prerequisite: SOCI 210

SOCI 412 (3-3-0) Race and Ethnic Relations: A study of the theories and principles of majority minority relations, with emphasis on the status and problems of selected racial, ethnic, and religious minority groups in the United States and elsewhere.

Prerequisite: SOCI 210

SOCI 422 (3-3-0) Collective Behavior and Social Movements: A study of human behavior as expressed through group behavior, especially the forces that precipitate change in the social order, such as crowds, mobs, mass behavior, public opinion, social movements, revolutions, and social planning.
Prerequisite: SOCI 210

SOCI 430 (3-3-0) Demography: A study of the distribution, growth, and characteristics of human populations and their relationship to social organization.
Prerequisite: SOCI 210 Or permission of instructor

SOCI 440 (3-3-0) Sociology of Health: An analysis of the social facets of health and illness, the social functions of health institutions and organizations, the relationship of systems of health care delivery to other social systems, and the social behavior of health personnel and the consumers of health care.
Prerequisite: SOCI 210

SOCI 442 (3-3-0) Urban Sociology: A study of urbanism as a way of life; the growth and development of urban areas; urban social organization; change and problems of contemporary urban life; ecological patterning; urban planning; and problems of control.
Prerequisite: SOCI 210

SOCI 462 (3-3-0) Social Stratification: A study of classes, castes, estates, status groups, and social mobility, with an examination of theories of social mobility and a comparison of modes of stratification in selected societies.
Prerequisite: SOCI 210

SOCI 470 (3-3-0) Social Change: A study of the nature and processes of social change. Topics covered include the theories of social change, industrialization and modernization, planned change, and the social impact of change.
Prerequisite: SOCI 210

SOCI 478 (3-3-0) Internship in Sociology: This course is for sociology majors who wish to acquire pre-professional and supervised field work experience in an agency or organization in the community while applying sociological knowledge and skills. The course offers students an opportunity to acquire complementary knowledge and skills for future careers and/or graduate school and to build community contacts. Students will be supervised and evaluated jointly by faculty and site supervisors.
Prerequisite: Junior standing And SOCI 210 Or permission of instructor

SOCI 480 (3-3-0) Sociological Seminar: Readings and discussions on selected problems and issues in sociology, including the various subdivisions within sociology, with particular attention to the relationship between theory and research and an examination of sociology as a profession.
Prerequisite: Graduating seniors in their last semester And SOCI 210 And SOCI 335 And SOCI 350 And (SOCI 351 Or SOCI 390) And or with SOCI 430

SOCI 491 (3-3-0) Independent Study: Supervised library and/or field research in sociology on a topic of choice of a student.

SPAN 110 (3-3-0) Elementary Spanish I: An introduction to the language, literature, and culture of Spanish-speaking peoples, with emphasis on the basic language skills. Laboratory practice required.

Prerequisite: Placement test score

SPAN 111 (3-3-0) Elem Spanish: An introduction to the language, literature, and culture of Spanish-speaking peoples, with treatment in greater breadth and depth than in Spanish 110. Laboratory practice required. Admission based upon an entrance examination, previous study, and other relevant experiences.

SPAN 112 (3-3-0) Spanish for the Professions I: This course is designed to prepare students to use elementary Spanish skills in their profession. Emphasis is given to oral skills, vocabulary to interact with colleagues and customers, and the Hispanic cultural particularities related to the workplace. Laboratory practice is required.
Prerequisite: Placement test score

SPAN 120 (3-3-0) Elementary Spanish II: A continuation of studies in the language, literature, and culture of Spanish-speaking peoples begun in SPAN 110, including further development of the basic language skills, with special attention to improving oral language skills. Laboratory practice required.
Prerequisite: SPAN 110 or placement test score

SPAN 121 (3-3-0) Elementary Spanish (Honors) II: A continuation of honors studies in the language, literature, and culture of Spanish-speaking peoples begun in SPAN 111, including further development of the basic language skills, with special emphasis on increasing proficiency in oral language skills. Laboratory practice required. Admission based upon an entrance examination, previous study, and other relevant experience.

SPAN 122 (3-3-0) Spanish for the Professions II: This course is a continuation of the studies begun in SPAN 112 that aim to prepare students to use elementary Spanish skills in their profession. Emphasis is given to oral skills, vocabulary to interact with colleagues and customers, and the Hispanic cultural particularities related to the workplace. Laboratory practice is required.
Prerequisite: SPAN 112 or placement test score

SPAN 211 (3-3-0) Intermediate Spanish: Intermediate level studies of the language, literature, and culture of Spanish-speaking peoples, including further development of the basic language skills, with increased emphasis on reading comprehension and writing in Spanish. Laboratory practice required.
Prerequisite: SPAN 120 or placement test score

SPAN 212 (3-3-0) Intermediate Spanish II: A continuation of intermediate level studies of the language, literature, and culture of Spanish-speaking peoples, including further development of the basic language skills, with special emphasis on idiomatic usages and complex grammatical structures. Laboratory experience required.
Prerequisite: SPAN 211 or placement test score

SPAN 230 (3-3-0) Intermediate Spanish Conversation: This course will focus on speaking and listening skills and develop pronunciation and conversational skills. Students will review grammar and vocabulary as they explore and discuss Hispanic culture. Class is conducted entirely in Spanish.
Prerequisite: SPAN 212 or placement test score

SPAN 240 (3-3-0) Intermediate Spanish Composition: This course reinforces communicative written skills learned in intermediate courses and prepares students for courses at or beyond the 300 level. Readings and written compositions focus on cultural aspects of the Spanish-speaking world. It is conducted entirely in Spanish.

Prerequisite: SPAN 212 or placement test score

SPAN 300 (3-3-0) Spanish for Business: An intermediate Spanish course focusing on developing communicative (oral and written) skills applicable to business in Hispanic contexts.
Prerequisite: SPAN 212

SPAN 311 (3-3-0) Advanced Spanish Conversation and Culture: This course is a discussion based course focusing on speaking and listening skills and further development of pronunciation and conversational skills. Students will explore and discuss Hispanic culture and current events in the Spanish-speaking world. Class conducted entirely in Spanish.
Prerequisite: SPAN 230 Or challenge examination

SPAN 312 (3-3-0) is Advanced Spanish Composition and Culture: This course focuses primarily on Spanish composition and the practice of different writing styles through the study of Spanish-speaking cultures. Classroom instruction and discussion will be in Spanish.
Prerequisite: SPAN 240 or challenge examination

SPAN 320 (3-3-0) Advanced Spanish Grammar: A comprehensive and systematic study of Spanish grammar to develop linguistic (phrase, sentence, paragraph structure) accuracy including correct spelling and utilization of appropriate vocabulary.

SPAN 321 (3-3-0) Spanish Civilization and Culture: A study of the civilization, culture, and history of Spain, with attention to the life, customs, philosophy, art, music, and general patterns of culture of the Spanish people. Taught exclusively in Spanish.
Prerequisite: SPAN 312

SPAN 322 (3-3-0) Spanish-American Civilization and Culture: A study of the civilization, culture, and history of Spanish-America, with attention to the life, customs, philosophy, art, music, and general patterns of culture of Spanish American peoples.
Prerequisite: SPAN 312

SPAN 331 (3-3-0) Survey of Spanish Literature I: A study of representative Spanish literary works from earliest times to 1700. Taught exclusively in Spanish.
Prerequisite: SPAN 321

SPAN 332 (3-3-0) Survey of Spanish Literature II: A study of representative Spanish literary works of the nineteenth and twentieth centuries. Taught exclusively in Spanish.
Prerequisite: SPAN 321

SPAN 341 (3-3-0) Survey of Spanish-American Literature I: A survey of Spanish-American literature in the context of historical and social backgrounds, covering the period from colonization to independence. Taught exclusively in Spanish.
Prerequisite: SPAN 322

SPAN 342 (3-3-0) Survey of Spanish-American Literature II: A continuation of the survey of Spanish-American literature in the context of historical and social backgrounds, spanning the period from independence to the present. Taught exclusively in Spanish.
Prerequisite: SPAN 322

SPAN 350 (3-3-0) Study Abroad Project: This course is taken while abroad and expands on cultural aspects related to the host country. This course requires contact hours with faculty and a research project written in Spanish or English.

SPAN 411 (3-3-0) The Nineteenth Century Spanish Novel: A study of Spanish novels from the nineteenth and early twentieth centuries, including works by Galdos, Pereda, Blasco-lbanez, and Pedro de Alcarcon, with attention to the historical and cultural contexts of the readings. Taught exclusively in Spanish.
Prerequisite: SPAN 331 Or SPAN 332

SPAN 420 (3-3-0) Introduction to Spanish Linguistics I: Phonetics and Phonology: A descriptive and comparative study of the Spanish language and its varieties in Spain and Latin America focusing on the phonetic and phonological components, while establishing contrasts with respective counterparts in the English language, and related pedagogical implications. Taught exclusively in Spanish.
Prerequisite: SPAN 312

SPAN 421 (3-3-0) Introduction to Spanish Linguistics II: Morphology, Syntax and Semantics: A comparative study of the morphological, syntactic, and semantic components of the Spanish language while establishing contrasts with respective counterparts in the English language, and related pedagogical implications. Taught exclusively in Spanish.
Prerequisite: SPAN 312

SPAN 431 (3-3-0) Drama of the Golden Age: A study of the works of Spain's leading dramatists of the Golden Age: Lope de Vega, Calderon, Tirso de Molina, and Juan Ruiz de Alarcon. Taught exclusively in Spanish.
Prerequisite: SPAN 331 Or SPAN 332

SPAN 441 (3-3-0) Cervantes: A study of Cervantes, with analytical reading of Don Quixote and of selected Novelas Ejemplares. Taught exclusively in Spanish.
Prerequisite: SPAN 332 Or SPAN 331

SPAN 450 (3-3-0) Spanish Language Studies: Special Topics: An advanced Spanish course that focuses on diverse topics such as the history of the Spanish language, medical or legal Spanish, and translation. May be repeated once for credit with different content.
Prerequisite: SPAN 312

SPAN 451 (3-3-0) Contemporary Spanish: A study of major literary works in Spanish, from the Generation of 1898 to the present, with attention to literary trends and cultural influences that contributed to the shaping of the literature. Taught exclusively in Spanish.
Prerequisite: SPAN 332 Or SPAN 331

SPAN 460 (3-3-0) Cultural Topics: Hispanic World: An advanced Spanish course that focuses on diverse cultural topics to include such topics as folklore and Latin American women. May be repeated once for credit with different content.
Prerequisite: SPAN 321 Or SPAN 322

SPAN 461 (3-3-0) Studies in Latin American Prose Fiction: A study of the developments in Latin American drama and poetry, with emphasis on changes occurring in the literature during the twentieth century. Taught exclusively in Spanish.
Prerequisite: SPAN 342 Or SPAN 341

SPAN 470 (3-3-0) Hispanic Literature: Special Topics: An advanced Spanish course that focuses on diverse cultural topics to include such topics as women writers, the Mexican Revolution, and social protest. May be repeated once for credit with different content.
Prerequisite: SPAN 331 Or SPAN 332 Or SPAN 341 Or SPAN 342

SPAN 471 (3-3-0) Studies in Latin American Prose Fiction: A study of representative twentieth century novels and short stories by Latin American writers. Taught exclusively in Spanish.
Prerequisite: SPAN 342 Or SPAN 341

SPAN 481 (3-3-0) Senior Seminar: Current Issues in the Spanish-Speaking World: Critical analysis of specific current topics including Hispanic culture and/or Spanish literature and/or Spanish linguistics. Taught exclusively in Spanish.
Prerequisite: Senior status and permission of instructor

SPED 320 (3-3-0) Education of the Exceptional Child: A survey of the abilities and disabilities and the inter-and intra-individual differences of exceptional children, with emphasis on the impact of educational and psychological handicaps and needs of exceptional children as well as on plans and education programs to facilitate the learning of the exceptional child.

SPED 350 (3-3-0) Mainstreaming Exceptional Students: A comprehensive introduction to mainstreaming exceptional students, with emphasis on the components and regulations involved in designing an Individual Education Program (IEP) for exceptional students, with opportunities for supervised experiences in the Curriculum Learning Resource Center, and with attention to the development of annual goals, short term objectives, and evaluation methods.

SPED 370 (3-3-0) Current Development Methods/Exceptional Children: A comprehensive methods course directed to the needs of exceptional students, providing training and teaching methods and materials best suited for each area of mild/moderate exceptionality, with emphasis on the implementation of innovative techniques and materials modifications.

SPED 410 (3-3-0) Classroom Management Strategies for Exceptional Children: A practical course in the theories and applications of disciplinary practice suitable to exceptional children, with emphasis on the developmental stages of discipline, on the development of the teacher as an effective communicator and problem-solver, and on the implementation of appropriate strategies of classroom management.

SPED 415 (3-3-0) Read Skills-Student Disability: This course is designed to introduce students to the knowledge, skills, and procedures needed to provide effective instruction for students with disabilities who demonstrate persistent reading difficulties. The course presents research-validated teaching principles, techniques, and strategies that will provide a solid foundation on which to build an effective reading instruction program.

SPED 418 (3-3-0) Math/Write Skill-Student Disab: This course will examine content of the subjects of mathematics and written language, the difficulties of students with mild to moderate disabilities in the two content areas, and research-based best practices for teaching students with disabilities in mathematics and written language.

SPED 420 (3-3-0) Introduction to Education of the Emotionally Disturbed: An overview of the education of emotionally disturbed students, with emphasis on the psychological, sociological, and educational implications of their education.

SPED 430 (3-3-0) Introduction to Education of the Learning Disabled: An introductory course analyzing the inter- and intra-individual differences of the learning disabled, with consideration of theories, identification, procedures, teaching strategies and materials, and developmental processes relative to the education of the learning disabled.

SPED 440 (3-3-0) Introduction to Education of the Educable Mentally Retarded: An introduction to the study of retarded individuals, including characteristics, behavior, general nature, and needs in the home, the community, and the learning environment, with emphasis on identification procedures, teaching and organizational practices, educational methodology and materials, and prevention, as well as on the psychological, sociological, educational, and medical aspects of mental retardation.

SPED 460 (3-2-1) Diagnosis and Evaluation of Exceptional Children: A survey of the major tests and inventories used in evaluating exceptional children, focusing on broad developmental and interactional types of measurement, basic statistical concepts, the interpretation of scores and the relationship between information gained from tests and inventories and classroom diagnostics-prescriptive procedures.
Prerequisite: SPED 320

SPED 465 (3-3-0) Meeting the Instructional Needs of Students with Disabilities: This course presents research-validated methods, techniques, and procedures for teaching students with mild to moderate high incidence disabilities in today's inclusive settings, including such methods as use of learning strategies, scaffolded instruction, direct instruction, peer and cooperative learning, and content enhancements.
Prerequisite: SPED 320

SPED 470 (6-0-6) Student Teaching in Exceptional Education: This is a supervised basic field experience course requiring a concentrated significant teaching experience in an exceptional children's educational setting with one or more types of Specialty Area students. Offered for variable credits (3-6 credits). For most students, the course is six semester-hour credits and requires ten weeks, 300 clock hours of field experience. Students who are already certified in exceptional children should take a three semester-hour non-student teaching field experience. Students who are already certified in a non-exceptional children's area should take a six semester-hour non-student teaching field experience. Students who are currently lateral entry in Special Education should take a three-semester hour non-student teaching field experience.
Prerequisite: Admission to teacher education and permission of instructor.

SPED 480 (3-3-0) Seminar II Exceptional Student Field Experience: A clinical field experience with an accompanying seminar for teachers of exceptional students, including observations and tutoring as well as discussions of current issues, problems, and questions related to exceptional students.

SPEE 200 (3-3-0) Introduction to Speech: An introduction to the development of effective oral communication through instruction in theory and practice of the principles and skills required in common types of speaking situations. Basic skills in audience analysis, research, organization, outlining, utilizing evidence, reasoning, listening, and verbal/nonverbal expression are developed. Various methods of delivery are examined and practiced.
Prerequisite: ENGL 120 (may be taken concurrently)

STAT 202 (3-3-0) Basic Probability and Statistics: An introduction to the study of probability and statistical inference.
Prerequisite: MATH 123 Or MATH 126

STAT 301 (3-3-0) Introduction to Probability: An introduction to the mathematical theory of probability, including such topics as random variables, distributions (normal, binomial, Poisson, and related ones), moment generating functions, and applications of probability theory.
Prerequisite: MATH 242 And MATH 260

STAT 302 (3-3-0) Mathematical Statistics: A study of probability distributions of random samples, the theory of point and interval estimation, hypothesis testing, and decision theory concepts.
Prerequisite: STAT 301

STAT 315 (3-3-0) Introduction to Regression Analysis: A course including such topics as simple linear regression: the error model, algebraic derivation of least square estimators, estimating confidence intervals, hypothesis testing, the ANOVA approach to testing, assessing model validity, transformations, residual plots; multiple regression: the general linear model, least square estimation, prediction, residuals; and Logistic regression.
Prerequisite: STAT 202

STAT 400 (3-3-0) Applied Statistics: A course incorporating the use of statistical software packages and including discussions of such topics as descriptive statistics, statistical inference, inference from a single sample, samples from two populations, one-way analysis of variance, linear regression and correlation, multiple regression, two-way analysis of variance, fixed effects models, factorial designs, and hierarchical or nested design.

STAT 401 (3-3-0) Intermediate Probability: An intermediate-level study of such topics as conditional probability, basic classical theorems, methods of convergence, central limit theorem, and characteristic functions.
Prerequisite: STAT 301

STAT 402 (3-3-0) Intermediate Statistics: An intermediate-level course including such topics as the axiomatic treatment of the fundamentals of probability and distribution theory, characteristic functions (random variables, convergence, and approximation), and common distributions.
Prerequisite: STAT 301

STAT 412 (3-3-0) Operations Research: A review of topics pertaining to deterministic and probabilistic models of operations research, including linear programming, queuing theory, inventory models, and Markov chains.
Prerequisite: STAT 301

STAT 415 (3-3-0) Applied Time Series Analysis: A study of stationary stochastic processes, auto-regressions and ARMA-processes, parameter estimation and model selection for time series, trends and seasonality, forecasting by exponential smoothing and the Box-Jenkins method, linear filters.
Prerequisite: STAT 301 And STAT 315

STAT 421 (3-3-0) Quality Control: A study of the construction of control charts for variables, attributes, and tolerances; sampling techniques; and current techniques in quality control methodology.

STAT 422 (3-3-0) Statistical Methods for Research: A course incorporating the use of statistical software packages for the study of probability distributions, measurements of precision and accuracy, control charts, confidence intervals, tests of significance, analyses of variance, multiple correlation and regression, design and analysis of experiments.

Prerequisite: STAT 400

SWRK 220 (3-3-0) Introduction to Human Services: This course introduces the theoretical concepts, policies, programs, roles, goals, and historical development of human services. The course examines issues, causes, and solutions to human service problems within the fields of social work, criminal justice, psychology, and sociology with emphasis on human relationship skills fundamental to social work.

SWRK 230 (3-3-0) Introduction to Social Work: This course focuses on the historical development of social welfare, social work and various social services. The course focuses on the nature, causes, and extent of major social problems, and provides examples of how people are affected by such problems. Emphasis is placed on various roles of social workers, the generalist method, cultural competence, ecological and systems theory, the strengths perspective, and responses to the needs of the poor, families, and populations at risk such as the elderly, children, sexual minorities, and people of color. Also addressed are changing trends in society and how they affect social work practice

SWRK 310 (3-3-0) Statistics for Social Workers: This course introduces students to descriptive and rudimentary inferential statistics for social workers. Emphasis is on understanding and calculations of central tendency measures, measures of dispersion and measures relating to the standard normal distribution. It exposes students to the methods of data collection, graphing and summarizing. Students will review basic statistical methods (Descriptive and Inferential Statistics; Measures of Association), and become familiar with basic parametric and non- parametric techniques. Basic design principles will also be introduced.
Prerequisite: MATH 121 And MATH 123 And SWRK 230 And SWRK 320

SWRK 320 (3-3-0) Social Work Research Methods: Practice Oriented: This course is designed to prepare students to be effective consumers and producers of research, and to evaluate their own practice. They learn to read, critically evaluate, and use the research of others to select interventions that are based on evidence. Within this process, the following will be covered: the scientific method for building knowledge for social work practice, ethical standards for scientific inquiry, qualitative and quantitative research methodology, research designs for developing knowledge and systematically evaluating social work practice and human service programs, and the review and utilization of research findings.
Prerequisite: Junior standing And SWRK230 And a declared social work major

SWRK 330 (3-3-0) Human Behavior in the Social Work Environment I: Infancy to Adolescence: This course provides an understanding of the developmental stages of the individual from infancy to adolescence, and the relationship between human growth, human development, and the environment. Knowledge and understanding of biological, psychological, and social systems relationships; cultural norms; and the significance of interaction with the family, group, and the community are stressed.
Prerequisite: Junior standing And SWRK 230 And a declared social work major

SWRK 335 (3-3-0) Human Behavior in the Social Work Environment II: Young Adulthood to Old Age: This course provides an understanding of the developmental stages of the individual from young adult to old age, and the relationship between human growth, human development, and the environment. Knowledge and understanding of biological, psychological, and social systems relationships; cultural norms; and the significance of interaction with the family, group, and the community are stressed.
Prerequisite: Junior standing And SWRK 230 And SWRK 330 And a declared social work major

SWRK 340 (3-3-0) Social Welfare Policy I: Social Welfare History: This course is the first of a two course policy sequence. This course focuses on social welfare legislation and the policies, programs and services that flow from such legislation. Students analyze social welfare policy within the context of the social and political milieu which spawns social welfare legislation. Policy I identifies how values from social to

personal influence the formulation of social welfare policy. Consideration of definitions and theories on poverty is viewed from both the USA and a global perspective. Social and economic justice for people from diverse backgrounds and those who may be oppressed are discussed.
Prerequisite: Junior standing And SWRK 230

SWRK 340 (3-3-0) Social Welfare Policy I: Social Welfare History: This course is the first of a two course policy sequence. This course focuses on social welfare legislation and the policies, programs and services that flow from such legislation. Students analyze social welfare policy within the context of the social and political milieu which spawns social welfare legislation. Policy I identifies how values from social to personal influence the formulation of social welfare policy. Consideration of definitions and theories on poverty is viewed from both the USA and a global perspective. Social and economic justice for people from diverse backgrounds and those who may be oppressed are discussed.
Prerequisite: Junior standing And SWRK 230

SWRK 350 (3-3-0) Social Welfare Policy II: Policy Analysis and Evaluation: This course is the second course of the two-course policy sequence and extends the foundation of Social Welfare Policy I by having students apply knowledge obtained from the first policy course regarding rudimentary analysis and begin to employ critical thinking skills to evaluate how policy impacts outcomes for clients. Students develop strategies to achieve social change, and social economic justice for families, groups, and communities. Emphasis is placed on understanding poverty and the various ways in which our society has responded to it over time.
Prerequisite: SWRK 230 And SWRK 340 And a declared social work major

SWRK 360 (3-3-0) Generalist Social Work Practice I: This course is one of six in the social work practice and methods sequence. It provides students with beginning level knowledge, skills, and values for generalist social work practice with individuals. Students are provided knowledge of the ecological perspective and systems theory with special focus on the problem-solving process.
Prerequisite: Junior standing And SWRK 230 And a declared social work major

SWRK 365 (3-3-0) Intervention and Communication Skills: SWRK 365 introduces students to interviewing, intervention, and communication skills. Students must demonstrate an ability to utilize interviewing and documentation skills in helping relationships with individuals and or families. Students learn by doing through role plays, case scenarios, analysis of taped case presentations, and identifying skills used by master social work interviewers.
Prerequisite: Junior standing And SWRK 230 And a declared social work major

SWRK 370 (3-3-0) Generalist Social Work Practice II: This is the second of a three-course sequence on generalist social work practice. The course focuses on theory and practice methods with individuals, families, and small groups.
Prerequisite: SWRK 230 And SWRK 330 And SWRK 340 And SWRK 350 And SWRK 360 And a declared social work major

SWRK 375 (3-3-0) Social Work Practice with Military Families: This course is designed to develop attention to the military as a central component of the program's mission. The course emphasizes the ecological systems perspective and intervention with military families. Content will focus on the specific needs of military families, the dynamics of the family environment in a transient context, problems encountered, and service needs.
Prerequisite: SWRK 230 And SWRK 330 And SWRK 340 And SWRK 350 And SWRK 360 And a declared social work major

SWRK 380 (3-3-0) Health and Social Work: Study of the characteristics of health and medical services in social work. Patterns of service delivery, rural, urban, gender, race and ethnic differences, roles, interventions, and issues related to helping clients in health settings will be addressed.
Prerequisite: Junior standing And SWRK 230

SWRK 410 (3-3-0) Generalist Social Work Practice III: Generalist practice with organizations and communities; this course emphasizes theories and strategies for community organization and community development. Students develop an understanding of the definitions, concepts, and roles of communities and community organizations. Major topics include community based planning, advocacy, governance, and residence participation.
Prerequisite: Senior standing And SWRK 230 And SWRK 330 And SWRK 335 And SWRK 340 And SWRK 350 And SWRK 360 And SWRK 370 And SWRK 375 And a declared social work major

SWRK 415 (3-3-0) School Social Work: This course provides an overview of school social work as an area of social work practice. Emphasis is placed upon historical development, policies and legislation affecting school social work practice, problems of school age children, and the role of the school social worker in dealing with these problems.
Prerequisite: Senior standing And SWRK 230

SWRK 420 (3-3-0) Substance Abuse and Social Work Practice: Social work practice regarding methods for prevention, identification, assessment, treatment, and referral of persons with alcohol and other drug – related problems is discussed.
Prerequisite: Senior standing And SWRK 230

SWRK 425 (3-1-6) Social Work with Families: This course incorporates the study and analysis of problems and concerns faced by social workers working effectively with families, including the integration of social work policy, human behavior, and social work practice. Issues covered include functions and changes in the family and the theoretical framework of family systems theory and ecological theory.
Prerequisite: Senior standing And SWRK 230

SWRK 435 (2-2-0) Senior Seminar: This seminar course is a bridge between classroom and field. It is a professional development course and requires students to complete a senior portfolio. Understanding that field education is the signature pedagogy for social work, it is essential that students are prepared for and understand the importance of a successful field experience. This undergraduate field seminar provides the opportunity for students to reflect on the application of theory and classroom learning while adapting professional attitudes and behaviors. The seminar environment is for students to process expected field experiences and their capacity to pursue beginning generalist practice. Students will be expected to engage in in-depth self-examination, be open to new ideas and input from others, and continually evaluate their own knowledge, values, and skills.
Prerequisite: Senior Standing And SWRK 230 And SWRK 330 And SWRK 335 And SWRK 340 And SWRK 350 And SWRK 360 And SWRK 370 And SWRK 375 And a declared social work major

SWRK 440 (3-3-0) Social Work with People of Color: This course prepares students for generalist social work practice in a multicultural and global society. Utilizing the strengths and empowerment perspectives, emphasis is placed on defining and developing knowledge and skills for culturally competent social work with people of color.
Prerequisite: Senior standing And SWRK 230

SWRK 445 (3-3-0) Cultural Diversity: This practice course exposes students to knowledge of racial/ethnic groups and to provide skills for effective social work intervention with these groups. Theoretical and practice

dimensions of social work with oppressed people are addressed in this course. Students are guided in understanding their own cultural and ethnic heritage, increasing their sensitivity to the ethnic reality of culturally diverse groups in this country, as they prepare to work with diverse populations.
Prerequisite: Senior Standing And SWRK 230 And SWRK 330 And SWRK 335 And SWRK 340 And SWRK 350 And SWRK 360 And SWRK 370 And SWRK 375 And a declared social work major

SWRK 465 (10-10-0) Block Field Practicum: This is a supervised field practicum experience in an approved social work agency which focuses on the development of beginning competency in the application of theory and skills acquired in the professional foundation courses to work with individuals, families, groups, and communities as a beginning generalist. Professional behavior, demonstration of social work ethics, use of the problem solving process, practical application of interviewing and recording skills, use of community resources and knowledge of the agency's fit in the human service delivery system are highlights of the course. Students spend four days per week in a block practicum for a total of 480 clock hours for the semester.
Prerequisite: Senior standing And approval by the Field Coordinator. Open only to social work majors.

SWRK 470 (3-3-0) Aging and Social Work: Emphasis on the biological, psychological, and sociocultural aspects of aging and service delivery to elders. Examination of the forces and critical issues that impact elders across the life span will be an emphasis.
Prerequisite: Junior standing or permission of faculty

SWRK 475 (2-2-0) Integrative Seminar: The purpose of the integrative field seminar is to provide the student a forum for the integration of academic learning within an agency-based field placement. Focus is on the common experiences and concerns of field students in their evolution from student to social work practitioner. The seminar includes discussions on selected topics (both instructor- and student-initiated) and agency and case presentations by students. Seminar students have an opportunity to discuss issues related to their learning experiences in the agency. Through facilitated discussions, students learn about social work practice in various settings and assist each other in seeing the similarities and differences in applying social work knowledge, values, and skills from one setting to another.
Prerequisite: Senior standing And approval by the Field Coordinator. Open only to social work majors.

SWRK 480 (3-3-0) Child Welfare Services: Social work with children and families. Emphasis on child welfare programs, policies and the development of assessment and case planning skills. Methods of protective services, adoption, and foster care are studied.
Prerequisite: Junior standing or permission of faculty

SWRK 490 (3-3-0) Special Topics in Social Work: Detailed investigation of a topic in social work. Topic and mode of study determined by faculty member.
Prerequisite: Senior standing And SWRK 230

TESL 309 (3-3-0) Sociolinguistics and Pragmatics: Sociolinguistics is the study of language in society, including dialectology, gender issues, politeness, language policy, and pedagogy. Pragmatics is the study of communication in context, including deixis, implicature, speech acts, metaphor, and other tropes.

TESL 310 (3-3-0) Theories and Principles in Teaching ESL: TESL 310 focuses on theoretical and practical approaches to the teaching of English as a second Language. This course demonstrates understanding of teaching ESL methods and skills through reading selections, teaching demonstrations, Computer Assisted Language Learning (CALL) activities, and field experiences. This course will prepare prospective or in-service teachers who will help English Language Learners (ELLs).

TESL 330 (3-3-0) Literacy Development and Assessment in ESL: This course introduces and extends fundamental knowledge of theory and research in literacy development and strategies and techniques for effective literacy instruction for English Language Learners. These include an understanding of the process of reading and writing in a first and second language, literacy strategies as well as various assessments and materials available for facilitating the individualized teaching of literacy to help English Language Learners become independent readers and writers of English.

TESL 341 (3-3-0) Trends and Issues in Teaching ESL: This course explores trends and legal and cultural issues involved in ESL teaching. Students understand how cultural groups and individual cultural identities affect language learning and school achievement. Additionally, students gain knowledge of history, research, educational public policy and current practice in the field of ESL teaching to apply this knowledge to inform teaching and learning, and to serve as community resources and advocate for ELLs.

THEA 140 (0-0-1) Theatre Seminar/ Production Practicum for Non-Majors: Performance laboratories in practical training through participation in departmental activities. Students may enroll for no more than one section in a single semester.

THEA 141 (2-2-0) Production Practicum: This course provides experience in theatrical production and theatre company operations. Emphasis is on portfolio development by way of production work. Work on FSU Theatre Company productions. Students must be enrolled six semesters for the major or in succession for the remaining semesters, if less than six, for a declared a major. If less than six, the remainder must be made up in free electives.

THEA 203 (3-3-0) Introduction to Theatre: An introduction to the study of drama and to the art and craft of the theatre, with special attention to the role of the theatre in modern society. Work with FSU Theatre Company productions.

THEA 206 (3-3-0) Acting I: Fundamentals of Acting: A study of the fundamentals and techniques of acting, including creative techniques in scene study from representative plays of the past and present. Work with FSU Theatre Company productions is required.
Prerequisite: THEA 203 Or permission of instructor

THEA 217 (3-3-0) Introduction to Costuming: An introduction to the study of costume techniques for the stage with special attention to the role of visual techniques used in modern theatre. Work with FSU Theatre Company productions required.

THEA 218 (3-3-0) Introduction to Makeup: An introduction to the study of makeup for the stage with special attention given to design and application techniques used in modern theatre. Work with FSU Theatre Company productions required.

THEA 230 (3-3-0) Script Analysis: A study of the play, from page to stage, with emphasis on critical analysis of structure, genre, theme, style, character, language, dramatic event, and point of view of the actor, director, critic, and audience; an introduction to theatre research methods.
Prerequisite: THEA 203

THEA 236 (3-1-4) Stagecraft: A study of the theory and practice of stage production and design, scene construction and painting. Includes lectures, demonstrations, and practical experience by involvement with the FSU Theatre Company.
Prerequisite: THEA 203

THEA 237 (3-1-4) Scene Technology: For stage and studio. Basic theory and practice of scenery and lighting technology for both stage and film/video studio. Lectures and demonstrations are supplemented with practical experience by involvement with the FSU Theatre Company and the Telecommunication Center.
Prerequisite: THEA 203

THEA 238 (3-3-0) Stage Movement: Designed to acquaint students with forms of nonverbal communication and specialized physical activity in theatrical periods and styles. The course includes an analysis of personal body use, studies of theories and techniques of movement designed to improve an actor's physical expressiveness, as well as movement skills such as stage combat, tumbling, period physical styles, and techniques including mask and mime work, yoga, and dance, as well as Alexander, Laban and LeCoq approaches to movement.
Prerequisite: THEA 206

THEA 242 (3-3-0) Contemporary World Drama: This course introduces students to the literary study of world drama, with particular emphasis on gender and culture. Selected plays from various regions of the world are read (in English translation) with an emphasis on understanding diverse theatrical conventions and how drama expresses and challenges values, ideas, and traditions of a given culture.

THEA 260 (2-1-3) Performance Laboratory: Designed as a practical lab in improvisation and performance, this course may be taken once per semester up to six times. Credit is offered for participation in the FSU Touring Company, whose principal objectives involve refining drama learning processes through performances made available to the county public schools. Offered each fall and spring. Conditions for admittance into the performance company based upon audition and/or instructor approval.
Prerequisite: THEA 203

THEA 302 (3-3-0) History of Theatre I: An historical survey of the development of the theatre from its origins to 1650, including studies of representative dramas in their cultural contexts, with analyses of the audiences, actors, and patrons; physical conditions and architecture; and the relationship of the theatre to the other arts.
Prerequisite: THEA 203

THEA 303 (3-3-0) History of Theatre II: A continuation of the history of theatre from 1650 to the present.
Prerequisite: THEA 203

THEA 305 (3-3-0) Principles of Design: A study of the history, elements, principles, and functions of design and how they apply to specific design disciplines. Work with the FSU Theatre Company.
Prerequisite: THEA 237 Or instructor consent.

THEA 310 (3-3-0) Acting for the Media: Instructions and practice in the basics of acting for TV and film; playing to the camera, shooting out of sequence, blocking, and other production considerations. The business of film/TV acting will be explored to define the necessary adjustments of one's acting styles to be a successful actor on camera.
Prerequisite: THEA 203 And THEA 206

THEA 311 (3-3-0) Oral Interpretation: A study of the principles and techniques required to becoming proficient as an interpretative artist, with special emphasis on interpretations of prose, poetry, and drama, and on preparations for interpretative reading contests and other events.
Prerequisite: THEA 203

THEA 315 (3-1-4) Acting II: Intermediate Acting: Training and practice beyond basic skills learned in a fundamental acting course designed to give practice in applying basic techniques to a more advanced level of performance. Participation with FSU Theatre Company productions is required.
Prerequisite: THEA 206 Or consent of instructor

THEA 320 (3-3-2) Playwriting: Writing for the stage, including plot construction and character development, and the adaptation of playwriting to other media, with particular attention given to television.
Prerequisite: THEA 203

THEA 333 (3-2-2) Play Directing: A comprehensive study of the fundamentals of play directing, including composition, picturization, movement, rhythm, and pantomimic dramatization, with additional attention to script analysis, casting, rehearsing, and relationships of the director to other theatre practitioners. Work with the FSU Theatre Company.
Prerequisite: THEA 203 And THEA 206

THEA 347 (3-3-1) Lighting Design and Technology: This course is an applied study of theatre lighting and is designed to train theatre designers and technicians. Emphasis is placed on design and technology, including the mechanics of lighting and lighting control equipment. Work with FSU Theatre Company.
Prerequisite: THEA 237 Or instructor consent

THEA 349 (3-3-0) Devised Theatre: This course is an applied exploration in devised theatre for the stage, culminating in public and/or individual performances. Emphasis on ensemble work.
Prerequisite: Instructor approval

THEA 350 (3-3-0) Shakespeare Studio: This course is an applied exploration in Shakespeare for the stage, culminating in public Shakespeare performances. Emphasis on verse, text, performance, and staging practice.
Prerequisite: Instructor approval

THEA 402 (3-1-4) Acting III: Period and Styles: A study of periods, styles, and techniques in advanced acting, including creative techniques in scene study from representative plays, specific historical periods, and styles of acting. Areas to be explored include physical characterization, tactical interplay, warming up, and relaxation techniques using Linklater, Rolf, and Alexander techniques to promote physical dexterity as well as vocal strength and flexibility. Work with FSU Theatre Company productions is required.
Prerequisite: THEA 315 Or permission of instructor

THEA 403 (3-2-2) Stage Design: History and principles of designing the environment for stage and studio productions. Work with the FSU Theatre Company and TV studio productions where applicable.
Prerequisite: THEA 237 And THEA 305

THEA 404 (3-3-0) CAD (Computer Aided Drafting) for the Stage: A study of the fundamental principles and application of 3-D design utilizing a DOS based drafting and design program. Special attention will be given to the basic concepts and techniques that can be directly applied to theatrical drafting.
Prerequisite: THEA 237 Or permission of instructor

THEA 411 (3-3-0) Children's Theatre for School and Community: A study of materials, procedures, and exercises for creative dramatics, choral speaking, puppetry, and formal dramatics. Recommended for prospective and in-service teachers on the elementary level and for community workers with children.
Prerequisite: THEA 203

THEA 413 (3-3-0) Drama Theory and Criticism I: A survey of European theories of the drama and the effect of these theories on criticism, dramaturgy, and production from the classical Greek period through the French Academy.
Prerequisite: THEA 203

THEA 414 (3-3-0) Drama Theory Criticism II: A continuation of THEA 413, beginning with the eighteenth century. Study of the impact that these theories have on criticism, dramaturgy, production, and acting.
Prerequisite: THEA 203

THEA 415 (3-3-0) Theatre Management: A study of the tools of theatre management, with emphasis on box office management, promotion costs, and the responsibilities of production staff. Promotion work with the FSU Theatre Company productions.
Prerequisite: THEA 203

THEA 420 (3-3-0) African American Theatre: A study of the theory and practice of African American Theatre, focusing on its evolution as well as the contemporary African American Theatre.
Prerequisite: THEA 203

THEA 421 (3-0-6) Play Production: A seminar and laboratory in directing plays, with special emphasis on each student's directing a one-act play for public presentation.
Prerequisite: THEA 333 And permission of instructor

THEA 430 (3-0-6) Theatre Internship: Practical work experience in selected area in conjunction with professional theatre companies. Available to advanced theatre majors or students in special programs as juniors or seniors who have strongly demonstrated the ability to work independently.
Prerequisite: THEA 203 And THEA 206 And THEA 237 And permission of instructor

THEA 450 (3-3-0) Senior Seminar: A study of selected topics in speech and theatre, with completion of a major research and/or production project required.
Prerequisite: Senior standing

THEA 495 (1-0-0) Special Topics in Theatre: A seminar to demonstrate student proficiency in an area of theatre research agreed upon by the student and the instructor. Topics may come from any area of theatre studies or be combined with production work, but the project must result in a 10-15 page research paper with supporting bibliography. Offered for variable credits (1-6). Prerequisite(s) vary depending on the seminar and instructor.

UNIV 101 (1-0-1) Freshman Seminar I: The first half of a year-long, interdisciplinary introduction to the university experience, including university history, policies, and resources; reading and study skills; use of electronic mail and the Internet; academic and career planning; money management; and discussions of selected topics in literature, science, business, education, politics, economics, and philosophy. Based on profile examination scores, students may be required to complete additional work in the Reading Laboratory.

UNIV 102 (1-0-3) Freshman Seminar II: The second half of a year-long, interdisciplinary introduction to the university experience, including university history, policies, and resources; reading and study skills; use of electronic mail and the Internet, academic and career planning; money management; and discussions of selected topics in literature, science, business, education, politics, economics, philosophy, and other topics. Based on profile examination scores, students may be required to complete additional work in the Reading

Laboratory.

UNIV 110 (2-0-2) University Studies: An interdisciplinary introduction to the university experience, with emphasis on reading, discussions, and critical assessments of selected topics in literature, science, business, education, politics, economics, and philosophy. Students are introduced to FSU history, policies, procedures, resources, and support services. This course is required of transfer students who enter the university with fewer than 30 transfer credits.

UNIV 111 (2-2-0) University Studies for Student Success: An interdisciplinary introduction to the university experience, with emphasis on essential skills such as reading, discussions, note taking, test taking, studying, writing, and researching. Through self-assessment, articles, guided journals, and critical thinking of selected topics in literature, science, business, education, politics, economics, and philosophy, this course will help students make the transition into a university culture, become active learners, and make intelligent choices—academically, personally, and professionally. Students are introduced to FSU policies, procedures, resources, and support services. This course is required for students in academic difficulty.

YORU 110 (3-3-0) Elementary Yoruba I: The course is an introduction to Yoruba, and is intended for students with no prior knowledge of the language and culture of Yorubaland. It is designed to introduce the learner to the fundamentals of Yoruba ┐ the language, the culture, and the people. The course emphasizes spoken and written Yoruba, as used in present day West Africa.

YORU 120 (3-3-0) Elementary Yoruba II: A continuation of YORU 110. The course covers materials beyond the elementary ones included in YORU 110. The course emphasizes contemporary spoken and written Yoruba, as used in present day West Africa.
Prerequisite: YORU 110

ZOOL 200 (4-3-2) General Zoology: A study of concepts of animal biology relative to structure, function, ecology, heredity, and embryogenesis, with emphasis on the evolution and characteristics of major animal phyla, and with two (2) hours of laboratory studies relative to basic concepts of animal biology.
Prerequisite: BIOL 150 And BIOL 160

ZOOL 210 (4-3-2) Anatomy and Physiology I: A systematic study of the structures and functions of musculoskeletal, neural, and integumentary systems of the human body, with two (2) hours of laboratory studies on the structures and functions of the human body's composite systems.
Prerequisite: BIOL 150

ZOOL 230 (4-3-2) Anatomy and Physiology II: A systematic study of the structures and functions of the endocrine, circulatory, digestive, respiratory, excretory, and reproductive systems of the human body, with two (2) hours of laboratory studies on the structure and function of the human body's composite systems.
Prerequisite: ZOOL 210

ZOOL 310 (4-3-2) Principles of Genetics: A study of the fundamental concepts and principles of Mendelian genetics, cytogenetics, molecular genetics, and the application of genetic technologies, with two hour laboratory experiments and exercises designed to reinforce and deepen students' understanding of basic concepts and principles of genetics and to provide an opportunity to obtain hands-on experimental and problem solving skills.
Prerequisite: BIOL 200

ZOOL 350 (4-2-2) Comparative Anatomy: A comprehensive study of the anatomy of chordates, with two (2) hours of laboratory studies consisting of anatomical systems of representative chordates.

Prerequisite: ZOOL 200

ZOOL 370 (4-3-2) Vertebrate Physiology: A study of the functions and functional relationships of organs and organ systems of vertebrates, especially humans, with two (2) hours of laboratory studies consisting of an introduction to laboratory techniques used for studying the physiology of vertebrates.
Prerequisite: BIOL 200

ZOOL 430 (4-3-2) Animal Development: A study of principles of animal development, including cellular and tissue assembly, embryogenesis, and reconstitutive development, with two (2) hours of laboratory studies consisting of descriptive and experimental studies of the development of representative vertebrate embryos.
Prerequisite: ZOOL 370

ZOOL 450 (3-2-2) Histology and Microtechniques: A study of the microscopic anatomy of cells, tissues, and organs, embracing both morphological and physiological aspects of normal human structures, with two (2) hours of laboratory studies consisting of a introduction to histological techniques employing the use of permanently fixed and stained slides and to the preparation of tissues in a manner suitable for viewing with a compound microscope.
Prerequisite: ZOOL 370

ZOOL 470 (3-2-2) Introduction to Entomology: A study of the evolution, anatomy, development, ecology, and systematics of insects, the role of insects as vectors of diseases; and the influences of insects on history and culture, with two (2) hours of laboratory studies in insect physiology, morphology, ecology, and behavior, and with an assigned project on the identification of local insects.
Prerequisite: ZOOL 200

ZOOL 485 (3-2-2) Introduction to Parasitology: A study of the biology of parasites, their host relationships, and their importance to humankind, unicellular and multicellular parasites of human being and other animals, with two (2) hours of laboratory studies involving including both unicellular and multicellular parasites of human beings and other animals.
Prerequisite: ZOOL 200