Core Competency #2: The faculty define the core competency Critical Thinking as the following: Louisburg College graduates will address diverse problems logically and critically through knowledge, comprehension, application, analysis, synthesis, and evaluation. The competency is evaluated in English 111, English 112, History 131, and History 132. Within these four courses the embedded assessment measures include common-curriculum prompts for writing assignments; evaluation of reading comprehension and articulated responses to societal, historical, or personal issues; pre- and post-test evaluation; and standardized critical thinking rubrics used in assessing responses. The first measure assesses the competency by requiring students to construct essays possessing thoughtful logical analysis to prompted problems. The second measure assesses the competency by requiring students to create summaries of relevant assertions and resources from accepted research. The third measure assesses the competency by evaluating student development over the course of a semester. The fourth measure assesses the competency by requiring students to demonstrate logical and well formulated responses to pertinent issues or historical periods. Critical Thinking is also an academic program competency.

Core Competency #3: The faculty define the core competency Written Communication as the following: Louisburg College graduates will be able to communicate effectively and coherently in writing. Coherent and effective writing is well-organized, is audience-appropriate, is grammatically-correct, states objectives clearly, and uses adequate supporting evidence for assertions. The competency is evaluated in English 111 and English 112. Within these two courses the embedded assessment measures are pre- and post-test evaluation, standardized rubric evaluation of writings, and common prompts for writings evaluated by English Faculty. The first measure assesses the competency by requiring students to demonstrate improvement in Written Communication over the course of a semester. The second measure assesses the competency by requiring students to meet common, approved standards. The third measure assesses the competency by requiring students to demonstrate written acuity in response to an accepted cross- course assignment. Written Communication is also an academic program competency. Core

Competency #4: The faculty define the core competency Oral Communication as the following: Louisburg College graduates will be able to communicate effectively and coherently in public speaking. Effective and coherent public speaking demonstrates competent delivery skills, is well-organized, is audience-appropriate, is grammatically-correct, states objectives clearly, and uses adequate supporting evidence for assertions. The competency is evaluated in English 112 and Communications 231. Within these two courses the embedded assessment measures are standard speech modes across the curriculum and standardized evaluation rubrics. The first measure assesses the competency by requiring students to perform a variety of public speeches in different audience settings. The second measure assesses the competency by requiring students to meet the standards of an approved rubric. Oral Communication is also an academic program competency.

Employment Placement and Types of Employment Obtained by Graduates

A primary aspect of Louisburg's mission is to 'provide a bridge for students to make a successful transition from high school to senior colleges and universities. Due to the mission of the institution, students are encouraged to complete their associate's degree at Louisburg and then pursue their bachelor's degree immediately after graduation. The Office of Advancement developed a survey to obtain this information from graduating students. In the Spring of 2023, 91% of the graduating students who were surveyed indicated that they plan to attend a 4-year institution for the 2023-2024 academic year. Approximately 9% indicated that they were undecided about their future plans. While our Academic Success Center assists students with career readiness and applying for employment, if students are interested in employment, over 90% of our students are interested in assistance with applying to a 4-year institution when they graduate from Louisburg.

Almost any academic major may be started at Louisburg College. Selections of specific courses fulfilling each requirement in the curriculum should be made in terms of the student's prerequisite skills, expected major, and anticipated transfer requirements. Louisburg College maintains current information on transferability of courses through close coordination and transfer agreements with numerous colleges and universities. Programs of study have been developed in cooperation with the University of North Carolina system and are intended as blueprints for guiding students who plan to transfer into the system. Additional agreements have been established with other institutions for direct admission into professional programs. Academic advisors guide their advisees in course selection as well as career and transfer exploration. Students who are undecided about a college major will find ample opportunity to explore a variety of options at Louisburg College. The undecided student should follow the Associate of Arts in General College curriculum.

Overview of Academic Programs

Louisburg College academic programs provide a variety of choices for transfer-oriented students, students interested in immediate employment after two years of study, and students seeking personal enrichment. Most Louisburg College students transfer to senior institutions upon completing their academic degree programs at Louisburg. A

minimum of 60 semester hours and a 2.0 GPA are needed for graduation requirements. Students earn the following degrees by completing the requirements below:

1. **Associate of Arts in General College**
2. **Associate of Science in Business**
3. **Associate of Science in Agricultural Studies - Inactive**
4. **Associate of Science in Environmental Science - Inactive**
5. **Associate of Science in General Science**
6. **Associate of Science in Health Science**
7. **Associate of Science in Medical Science**
8. **Associate of Science in Sports Science**

Associate of Arts in General College Degree Plan

Year 1 – Fall	Credit Hours	Year 1 - Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
ART 111 Art Appreciation or MUS 110 Music Appreciation	3	Lab Science	4
MAT 143 Quantitative Literacy or higher math	3/4	ART Elective, Drama Elective, or Music Elective	3
ACA 122 College Transfer Success (if necessary)	1	COM 231 Public Speaking	3
PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3	HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History To 1865, or HIS 132 American History Since 1865	3
PED 110 Fitness/Wellness for Life or HEA 110 Personal Health/Wellness	2/3		
TOTAL	**15/17**	**Total**	**16**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
REL 110 World Rel., REL 211 Old Test, REL 212 New Test, or REL 221 Religion in America Today	3	ENG 231 American Literature I or ENG 232 American Literature II	3
200-Level Literature	3	General Ed Elective*	3
CIS 110 Introduction to Computers	3	General Ed Elective*	3
ECO 251 Microeconomics, or ECO 252 Macroeconomics or HIS 111 or HIS 112 or HIS 131 or HIS 132	3	General Ed Elective*	3
Free Elective	3	Free Elective	3
TOTAL	**15**	**TOTAL**	**15**

General requirements include a minimum of 60 semester hours and at least a 2.0 cumulative GPA

***General Education Electives are any 100- or 200- level courses in Communication, English, History, and Math**

Degree Plans show a possible arrangement of courses over a typical four-semester span. There is no requirement to take courses in this order.

Approved Jan. 25

Associate of Science in Business Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
BUS 110 Introduction to Business	3	BUS 125 Personal Finance	3
MAT 143 Quantitative Literacy or higher Math course	3/4	HIS 131 Amer. His to 1865 or HIS 132 Amer His since 1865	3
ACA 122 College Transfer Success (if necessary)	1	PSY 150 Intro to Psychology or SOC 210 Intro to Sociology	3
CIS 110 Intro to Computers or CIS 115 Intro to Program	3	REL 110 World Rel, REL 211 Old Test, REL 212 New Test, or REL 212 Religion in America Today	3
PED 110 Fitness/Wellness for Life	2		
TOTAL	**15-16**	**TOTAL**	**15**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
ACC 120 Prin. Of Financial Accounting	4	ACC 121 Prin. Of Managerial Accounting	4
ECO 251 Prin. Of Microeconomics	3	ECO 252 Prin. Of Macroeconomics	3
BUS 260 Business Communication	3	MAT 152 Statistical Methods I	3/4
Lab Science	4	ENG 231 Amer Lit I, or ENG 232 Amer Lit II or ART 111 or MUS 110	3
Business Elective	3	General Education Elective	3
Free Elective	1		
TOTAL	**18**	**TOTAL**	**16-17**

General requirements include a minimum of 60 semester hours and at least a 2.0 cumulative GPA

***General Education Electives are any 100- or 200- level courses in Communication, English, History, and Math**

Degree Plans show a possible arrangement of courses over a typical four-semester span. There is no requirement to take courses in this order.

Approved Jan. 25

Associate of Science in Agricultural Science

Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
BIO 111 General Biology I	4	BIO 112 General Biology II	4
MAT 143 Quantitative Literacy or MAT 171 Precalculus Algebra	3/4	BIO 145 Ecology	4
HEA 110 Personal Health/Wellness	3	HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History to 1865, or HIS 132 American History since 1865	3
REL 110 World Religions, REL 211 Old Test, REL 212 New Testament, or REL 221 Religion in America Today	3		
TOTAL	**16/17**	**TOTAL**	**14**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
CHM 151 General Chemistry I	4	CHM 152 General Chemistry II	4
BIO 130 Introductory Zoology	4	BIO 202 Field Biology	4
PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3	CED 275 Cooperative Field Work	4
CIS 110 Introduction to Computers or CIS 115 Introduction to Programming	3	ENG 231 American Lit I, ENG 232 American Lit II, ENG 241 Brit Lit I, ENG 242 Brit Lit II, or ART 111 Art Appreciation or MUS 110 Music Appreciation	3
TOTAL	**14**	**TOTAL**	**15**

Associate of Science in Environmental
Science Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENGL 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
BIO 111 General Biology I	4	BIO 112 General Biology II	4
MAT 143 Quantitative Literacy or MAT 171 Precalculus Algebra	3/4	BIO 145 Ecology	4
HEA 110 Personal Health/Wellness	3	HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History to 1865, or HIS 132 American History since 1865	3
REL 110 World Religions, REL 211 Old Testament, REL 212 New Testament, or REL 221 Religion in America Today	3		
TOTAL	**16/17**	**TOTAL**	**14**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
BIO 140 Environmental Biology	4	BIO 202 Field Biology	4
ETM 101 Renewable Energy	4	ETM 201 Environmental Management	4
PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3	CED 275 Cooperative Field Work	2
CIS 110 Introduction to Computers or CIS 115 Introduction to Programming	3	ENG 231 American Literature I, ENG 232 American Literature II, ENG 241 British Literature I, ENG 242 British Literature II, or ART 111 Art Appreciation or MUS 110 Music Appreciation	3
TOTAL	**17**	**TOTAL**	**13**
Optional Electives			
CHM 151 General Chemistry I			
CHM 152 General Chemistry II			

Associate of Science in General Science Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
Lab Science	4	Lab Science	4
MAT 171 Precalculus Algebra	4	MAT 172 Precalculus Trigonometry	4
PED 110 Fitness/Wellness for Life or HEA 110 Personal Health/Wellness	2/3	HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History to 1865, or HIS 132 American History since 1865	3
ACA 122 College Transfer Success	1		
TOTAL	**14/15**	**TOTAL**	**15**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
Math or Science Elective	4	Math or Science Elective	4
Math or Science Elective	4	Math or Science Elective	4
PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3	CIS 110 Introduction to Computers or CIS 115 Introduction to Programming	3
REL 110 World Religions, REL 211 Old Test, REL 212 New Testament, or REL 221 Religion in America Today	3	ENG 231 American Lit I, ENG 232 American Lit II, ENG 241 Brit Lit I, ENG 242 Brit Lit II, or ART 111 Art Appreciation or MUS 110 Music Appreciation	3
COM 231 Public Speaking	3		
TOTAL	**17**		**14**

Associate of Science in Health Science Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
BIO 111 General Biology I	4	BIO 104 Human Biology	4
MAT 143 Quantitative Literacy or MAT 152 Statistical Methods I	3/4	HEA 120 Community Health	3
HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History to 1865, or HIS 132 American History since 1865	3	PED 110 Fitness/Wellness for Life	2
		PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3
TOTAL	**13/14**	**TOTAL**	**15**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
BIO 168 Anatomy and Physiology I	4	BIO 169 Anatomy and Physiology II	4
BIO 250 Genetics	4	BIO 275 Microbiology	4
HEA 110 Personal Health and Wellness	3	CIO 110 Introduction to Computers or CIS 115 Introduction to Programming	3
REL 110 World Religions, REL 211 Old Testament, REL 212 New Testament, or REL 221 Religion in America Today	3	ENG 231 American Literature I, ENG 232 American Literature II, ENG 241 British Literature I, ENG 242 British Literature II or ART 111 Art Appreciation or MUS 110 Music Appreciation	3
COM 231 Public Speaking	3	CED 275 Cooperative Field Work	1
TOTAL	**17**	**TOTAL**	**15**

Optional Electives
CHM 151 General Chemistry I
CHM 152 General Chemistry II
MAT 171 Precalculus Algebra

Associate of Science in Medical Science Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
BIO 110 General Biology I	3	BIO 112 General Biology II	4
MAT 143 Quantitative Literacy or MAT 171 Precalculus Algebra	3/4	CHM 151 General Chemistry I	3
HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History to 1865 or HIS 132 American History since 1865	3	HEA 110 Personal Health and Wellness	3
COM 231 Public Speaking	3	PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3
TOTAL	**16/17**	**TOTAL**	**16**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
BIO 168 Anatomy and Physiology I	4	BIO 169 Anatomy and Physiology II	4
BIO 250 Genetics	4	BIO 275 Microbiology	4
CHM 152 General Chemistry II	4	CIS 110 Introduction to Computers or CIS 115 Introduction to Programming	3
REL 110 World Religions, REL 211 Old Testament, REL 212 New Testaments, or REL 221 Religion in America Today	3	ENG 231 American Literature I, ENG 232 American Literature II, ENG 241 British Literature I, ENG 242 British Literature II or ART 111 Art Appreciation or MUS 110 Music Appreciation	3
		CED 275 Cooperative Field Work	1
TOTAL	**15**	**TOTAL**	**15**

Associate of Science in Sports Science Degree Plan

Year 1 – Fall	Credit Hours	Year 1 – Spring	Credit Hours
ENG 111 Writing and Inquiry	3	ENG 112 Writing and Research in the Disciplines	3
BIO 111 General Biology I	4	BIO 104 Human Biology	4
MAT 143 Quantitative Literacy or MAT 152 Statistical Methods I	3/4	PED 259 Prev. and Care Athletic Injury	2
HIS 111 World Civilization I, HIS 112 World Civilization II, HIS 131 American History to 1865, or HIS 132 American History since 1865	3	PSY 150 Introduction to Psychology or SOC 210 Introduction to Sociology	3
		PED 110 Fitness/Wellness for Life	2
TOTAL	**13/14**	**TOTAL**	**14**
Year 2 – Fall	**Credit Hours**	**Year 2 – Spring**	**Credit Hours**
PED 165 Sport Science as a Career	3	SPM 279 Introduction to Sports Management	3
BIO 168 Anatomy and Physiology I	4	BIO 169 Anatomy and Physiology II	4
HEA 110 Personal Health and Wellness	3	CIS 110 Introduction to Computers or CIS 115 Introduction to Programming	3
REL 110 World Religions, REL 211 Old Testament, REL 212 New Testament, or REL 221 Religion in America Today	3	ENG 231 American Literature I, ENG 232 American Literature II, ENG 241 British Literature I, ENG 242 British Literature II or ART 111 Art Appreciation or MUS 110 Music Appreciation	3
COM 231 Public Speaking	3	CED 275 Cooperative Field Work	4
TOTAL	**16**	**TOTAL**	**17**

Optional Electives
CHM 151 General Chemistry I
CHM 152 General Chemistry II
MAT 171 Precalculus Algebra

Academic Divisions

Division of Humanities — **Mr. Peter Borsay, *Executive Director***

The humanities cover a broad range of academic disciplines that have been, and continue to be, a crucial component of the educational goals of Louisburg College. The Humanities Division's learning objectives of competent written and oral communication, critical thinking, creative thinking, and aesthetic engagement support Louisburg College's mission statement of building a strong foundation to prepare students for an academic journey that leads to a four-year college.

The humanities study human experience and how people interact with each other and their world. Religion and philosophy challenge students to examine ethical and spiritual questions while also instructing them on the context of religious and spiritual thought throughout history. Expressive arts play an important role in inspiring students to creative problem solving as well as in exploring personal growth. Language courses better students' communication skills both in written and oral form. Literature courses teach a history of human expression and the ability to engage with diverse cultures.

Division of Business Studies and Social Science — **Vacant, Executive Director**

The Division of Business Studies and Social Science supports a broad course of studies including business, economics, computer technology, history, government, psychology, sociology, and education. The division supports students wishing to transfer to institutions offering bachelor degrees and/or to fulfill the requirements for the Associate of Science in Business degree. Additionally, the division offers courses needed by students who wish to meet college requirements in history, social science, and computer information systems (CIS).

The Associate of Science in Business degree is designed for students interested in a career in business including accounting, finance, marketing, human resources, management, and entrepreneurship. Program requirements include a strong liberal arts emphasis with required business courses in accounting, economics, statistics, professional development, and business electives. Business electives are offered to support and prepare students for intended business majors, minors, and interests.

The division supports the College's mission by emphasizing the role of the college as a teaching institution that values the individual student and faculty-student rapport. Students are our primary focus and are encouraged to be active partners in the educational process. To prepare students for the complexities and challenges of the 21st century, the curriculum emphasizes critical thinking, integrity, oral and written communication, teamwork, adaptability, and an appreciation of leadership that incorporates service to others. The faculty strives to infuse student learning with a spirit of enthusiasm, professionalism, and the goal of their students to excel. Faculty serve as academic advisors guiding students on course selection and sequencing.

Division of Mathematics, Science, and Health — **Dr. Diane Cooke, Executive Director**

The purpose of the Division of Mathematics, Science, and Health at Louisburg College is to provide instruction through university-parallel courses in the areas of mathematics, science, and health to assist students in the completion of baccalaureate degrees at senior institutions, and to provide a strong foundation in basic scientific and mathematical principles as well as physical fitness and health.

The division emphasizes an individualized approach to student learning through support services designed to enhance classroom instruction. Student counseling may be offered through conferences, which may include referral to appropriate college resources.

The faculty frequently engages in activities which enrich the community. Cooperative efforts between the division and the community provide students with opportunities for further growth.

Course Descriptions

ACA 122. COLLEGE TRANSFER SUCCESS **1 SHC**

This course provides information and strategies necessary to develop clear academic and professional goals beyond the two-year college experience. Topics include college culture, career exploration, gathering information on senior institutions, strategic planning, critical thinking, and communications skills for a successful academic transition. Upon completion, students should be able to develop an academic plan to transition successfully to senior institutions. Students are required to earn a 2.0 GPA for the semester. This is an AA/AS required course and is a required course for all degree tracks and all degree-seeking students.

ACCOUNTING

ACC 120. PRINCIPLES OF FINANCIAL ACCOUNTING **4 SHC**

An introductory course in accounting principles and practices that covers analysis and recording of business transactions, the basic accounting cycle, and financial statements that apply to service, merchandise, and manufacturing enterprises. Upon completion, students should be able to prepare financial statements, understand the role of financial information in decision-making and address ethical considerations. Use of general ledger software complements manual solution of problems.

ACC 121. PRINCIPLES OF MANAGERIAL ACCOUNTING **4 SHC**

A continuation of accounting principles and practices relating to proprietorships, with particular attention to partnerships and business corporations. Emphasis is on managerial and cost accounting concepts for external and internal analysis, reporting and decision-making. Upon completion, students should be able to analyze and interpret transactions relating to managerial concepts including product-costing systems. Use of general ledger software complements manual solution of problems. *Prerequisite: ACC 120 or permission of the instructor*.

ART

ART 111. ART APPRECIATION **3 SHC**

The student's understanding and appreciation of art will be enhanced by familiarity with three areas of art: the language of art (visual elements, principles of design, and style), the nature of the media used in art, and the history of art. Students will discuss how art has enhanced our environment and raised social consciousness across the span of recorded history. Via slide lecture, video, and CD-ROM presentations, students will grow aesthetically into a lifetime of the visual arts.

ART 133. ART HISTORY I **3 SHC**

A survey slide lecture course which exposes students to a broad overview of the history of art, its purpose, and its function. Emphasis is placed on the following cultures: Prehistoric, Egyptian, Greek, Roman, Pre-Columbian Islamic, and Early Christian art.

ART 134. ART HISTORY II **3 SHC**

A survey slide lecture course which is a chronological continuation of Art History 133. The student is introduced to the following periods of art: Gothic, Renaissance, Baroque, and the art of the modern world which includes: Romanticism, Impressionism, and art of the 20th century. Art History 133 is not a prerequisite for this course.

ART 135. FOUNDATION-SCULPTURE **3 SHC**

Exposure to various traditional, contemporary, and experimental approaches in developing literacy in the language of three-dimensional form in this studio course. Students gain technical skills and confidence while working with materials such as clay, wood, plaster, wire and plastics. Students are exposed to various hand and power tools. This course is designated as an **elective**.

ART 131. DRAWING I **3 SHC**

Drawing predates writing as a method of personal communication. This course aims to broaden the student's concepts about the art-making process and creative problem solving. As many different drawing mediums are explored as possible in this project-oriented studio class. Fundamental design components of line, form, space, texture and color are evaluated through individual or class critiques. The concept of learning how to see is constantly stressed. Upon completion, students should be able to demonstrate competence in the use of graphic form and various drawing processes. This course is designated as an **elective**.

ART 210. INDEPENDENT STUDY **1-3 SHC**
Independent study in specialized areas of art as discussed in advance between the instructor and the student. Such areas may be historical or studio oriented. Development of a personal statement will be emphasized. The course constitutes a credit hour above and beyond the degree requirements of all degree tracks.

ART 240. PAINTING I **3 SHC**
This course introduces the language of painting and the use of various painting materials. Emphasis is placed on the understanding and use of various painting techniques, media, and color principles. Upon completion, students should be able to demonstrate competence in the use of creative processes directed toward the development of expressive form. This course is designated as an **elective**.

ART 283. CERAMICS I **3 SHC**
Exposure to basic techniques which produce functional pottery. This course provides an introduction to three-dimensional design principles using the medium of clay. Emphasis is placed on fundamentals of forming, surface design, glaze application, and firing. Upon completion, students should be able to demonstrate skills in slab and coil construction, simple wheel forms, glaze technique, and creative expression. This course is designated as an **elective**.

BIOLOGY

BIO 104. HUMAN BIOLOGY **4 SHC**
A study of the human body, focusing on the structure, functions and common disorders of the major organ systems. The topics of genetics, development and evolution are included. This course consists of 3 hours of lecture and one 3- hour laboratory per week. Not open to students who have successfully completed BIO 168 or BIO 169.This course is designed as a lab science requirement for non-science majors and will not count toward the requirements for the Associate of Science in General Science degree. *Prerequisite: BIO 111 with a grade of "C" or higher*.

BIO 110. PRINCIPLES OF BIOLOGY **4 SHC**
This course provides a survey of fundamental biological principles for non-science majors. Emphasis is placed on basic chemistry, cell biology, metabolism, genetics, evolution, ecology, diversity, and other related topics. Upon completion, students should be able to demonstrate increased knowledge and better understanding of biology as it applies to everyday life. Students must take the pre-test for this course by the end of the add/drop period. Failure to do so will result in withdrawal from the course.

BIO 111. GENERAL BIOLOGY I **4 SHC**
This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, molecular and cellular biology, metabolism and energy transformation, genetics, evolution, and other related topics. The course includes a laboratory section in which students are introduced to basic techniques of laboratory work and experimentation. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. Students must take the pre-test for this course by the end of the add/drop period. Failure to do so will result in withdrawal from the course.

BIO 112. GENERAL BIOLOGY II **4 SHC**
This course is a continuation of BIO 111. Emphasis is placed on organisms, evolution, biodiversity, plant and animal systems, ecology, and other related topics. The course includes a laboratory section in which students are introduced to basic biological concepts through dissection, experimentation, and examination of live and preserved specimens. Upon completion, students should be able to demonstrate comprehension of life at the organismal and ecological levels. The course is geared towards science majors, but it is open to any student interested in the subject material. *Prerequisite: BIO 111 with a grade of "C" or higher.*

BIO 120. INTRODUCTORY BOTANY **4 SHC**
This course provides an introduction to the classification, relationships, structure, and function of plants. Topics include reproduction and development of seed and non-seed plants, levels of organization, form and function of systems, and a survey of major taxa. The course includes a laboratory section in which students are introduced to basic botanical concepts in the laboratory and in the field. Upon completion, students should be able to demonstrate comprehension of plant form and function, including selected taxa of both seed and non-seed plants. *Prerequisite: BIO 111 with a grade of "C" or higher.*

BIO 130. INTRODUCTION ZOOLOGY **4 SHC**

This course provides an introduction to the classification, relationships, structure, and function of major animal phyla. Emphasis is placed on levels of organization, reproduction and development, comparative systems, and a survey of selected phyla. The course includes a laboratory section in which students are introduced to basic zoological concepts through dissection, experimentation, and examination of live and preserved specimens. Upon completion, students should be able to demonstrate comprehension of animal form and function including comparative systems of selected groups. *Prerequisite: BIO 111 with a grade of "C" or higher.* This course is currently inactive.

BIO 140. ENVIRONMENTAL BIOLOGY **4 SHC**

This course provides an ecological approach to humans and their place in the ecosystem. This course introduces a comprehensive investigation of global environmental processes and the influences of human activities upon them. This one-semester course explores ecological concepts, world biomes, natural resources, conventional and renewable energy, toxicology, waste management, soil-air-water pollution and human population dynamics. Additionally, the social, economic, political, ethical and theological interrelationships of contemporary environmental challenges will be broadly integrated into the syllabus. Films, assigned readings and computer simulations will be used to explore these topics. This course provides a comprehensive laboratory component involving both laboratory and field investigations as well as field trips enabling students to gain hands-on experience with environmental technology and management practices. Upon completion of this course students will be able to demonstrate both practical skills and academic understanding of global environmental/ecological interrelationships and anthropogenic influences upon these systems. *BIO 111 with a grade of "C" or higher*.

BIO 145. ECOLOGY **4 SHC**

This course provides an introduction to ecological as well as environmental sustainability concepts. Topics include population biology, predation, food chains/trophic levels, ecosystem energetics, biogeochemistry, mathematical modeling energy flow, nutrient cycling, succession, population dynamics, community structure, and other related topics. The role of biological, chemical and physical factors as well as anthropogenic influences will be explored. The course will require hands-on field trips, ecological biometry, and lab experiments. Upon completion, students should be able to demonstrate comprehension of ecosystem structure and dynamics. A comprehensive term paper of concepts and results as well as an oral presentation of results from ecological studies will be required in addition to laboratory exercise written reports. *BIO 111 with a grade of "C" or higher*.

BIO 168. ANATOMY AND PHYSIOLOGY, I **4 SHC**

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, and nervous systems and special senses. The course includes a laboratory section in which students are introduced to basic concepts in human anatomy through dissection and examination of live and preserved specimens. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *Prerequisite: BIO 111 with a grade of "C" or higher*.

BIO 169. ANATOMY AND PHYSIOLOGY II **4 SHC**

This course provides a continuation of the comprehensive study of the anatomy and physiology of the human body. Topics include the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems as well as metabolism, nutrition, acid-base balance, and fluid and electrolyte balance. This course includes a laboratory section in which students are introduced to basic concepts in human physiology through experimentation and examination of live and preserved specimens. Upon completion, students should be able to demonstrate an in- depth understanding of principles of anatomy and physiology and their interrelationships. *Prerequisite: a grade of "C" or higher in BIO 168.*

BIO 202. FIELD BIOLOGY **4 SHC**

A study of plants and animals in their natural habitats with emphasis on habitats, collection, identification, and ecological relationships. Field work emphasizes flora and fauna of the Piedmont, but field trips to the North Carolina Mountains and the Coastal Plain are included. Particular attention is paid to field techniques and to identification of plants and animals by use of keys. *Pre-requisite: BIO 111 with a grade of "C" or higher*.

BIO 210. INDEPENDENT STUDY **1-4 SHC**

Independent laboratory, field, and library investigation carried out under the supervision of a biology faculty member. This course is not recognized by the Comprehensive Articulation Agreement and should NOT be used toward a degree. The course constitutes credit hours above and beyond the degree requirements of all degree tracks. *Prerequisite: BIO 111 with a grade of "C" or higher*.

BIO 250. GENETICS **4 SHC**

This course covers principles of prokaryotic and eukaryotic cell genetics. Emphasis is placed on the molecular basis of heredity, chromosome structure, patterns of Mendelian and non-Mendelian inheritance, evolution, and biotechnological applications. This course includes a laboratory section which introduces students to basic genetic concepts through experimentation and examination of live specimens. Upon completion, students should be able to recognize and describe genetic phenomena and demonstrate knowledge of important genetic principles.
Pre-requisite: BIO 111 with a grade of "C" or higher.

BIO 275. MICROBIOLOGY **4 SHC**

This course covers principles of microbiology and the impact these organisms have on man and the environment. Topics include the various groups of microorganisms, their structure, physiology, genetics, microbial pathogenicity, infectious diseases, immunology, and selected practical applications. This course contains a laboratory section in which students will learn microbiological and sterilization techniques by the examination and cultivation of live specimens. Upon completion, students should be able to demonstrate knowledge and skills including microscopy, aseptic technique, staining, culture methods, and identification of microorganisms. *Pre-requisite: BIO 111 with a grade of "C" or higher*.

BIO 280. BIOTECHNOLOGY **3 SHC**

This course provides experience in selected laboratory procedures. Topics include proper laboratory techniques in biology and chemistry and their uses in the modern biotechnology lab setting. Upon completion, students should be able to perform laboratory techniques and use instrumentation common to basic biotechnology. Students should recognize the interdisciplinary aspects of scientific investigation processes, and be able to apply these scientific skills in their laboratory activities. *Pre-requisite: BIO 111 with a grade of "C" or higher*.

BUSINESS

BUS/INT 110. INTERNATIONAL BUSINESS **3 SHC**

This course provides an overview of the environment, concepts, and basic differences involved in international business. Topics include forms of foreign involvement, international trade theory, governmental influences on trade and strategies, international organizations, multinational corporations, personnel management, and international marketing. Upon completion, students should be able to describe the foundation of international business.

BUS 110. INTRODUCTION TO BUSINESS **3 SHC**

A survey course providing the student an introduction and solid foundation in the core disciplines of business - including finance, marketing, management, and human resources. An understanding of the core disciplines and their relations to one another will contribute to student success in the specified higher-level business courses. Students enrolled in these courses will be challenged to integrate course specific knowledge through appreciative inquiry, application, and active learning.

BUS 120. MARKETING **3 SHC**

A course designed to introduce the student to the basic concepts, practices, and analytic techniques of marketing. The survey will include market decision making, buyer behavior, channels of distribution, marketing research, and international marketing. *Prerequisite: Business 110.*

BUS 125. PERSONAL FINANCE **3 SHC**

An introduction to personal finance. Topics include household budgeting, banking services, insurance, income taxes, consumer credit, and time value of money. Emphasis will be placed on helping students understand and make decisions about buying health and life insurance, buying versus renting a home, car-buying decisions, creating a budget, investment planning, and managing personal income.

BUS 137. PRINCIPLES OF MANAGEMENT **3 SHC**

An introduction to management principles, practices, and research. The topics are approached through the management function/process framework. Extensive examinations of domestic and international cases and examples are included. A computerized competitive management simulation is used with participation lasting for the duration of the course. This course is designated as an **elective**. *Prerequisite: BUS 110.*

BUS 210. INDEPENDENT STUDY **1-3 SHC**
A directed individual study course designed to permit students opportunity for examining special topics through research, special projects, and reading.

BUS 228 BUSINESS STATISTICS **3 SHC**
This course will provide an introduction to quantitative methods for management decision analysis. Topics include data collection and description, probabilistic and deterministic modeling, statistical estimation, prediction, and hypothesis testing, linear programming, scheduling and inventory modeling and their application to business. This course is designated as an **elective**.

BUS 243. BUSINESS LAW **3 SHC**
A study of the legal practices and principles applied to contracts, sales, product liability, government regulations of business, business torts and crimes, bailments, negotiable instruments, partnerships, corporations, and insurance. This course is designated as an **elective**.

BUS 260. BUSINESS COMMUNICATION **3 SHC**
A study of the principles and applications of good written and oral communications. This course is designed to develop critical writing and communication skills by providing instruction and practice in effective human relations and in preparing business letters, memoranda, reports, resumes and various employment search messages, and other organizational documents. *Prerequisite: ENG 111 or permission from instructor.*

BUS 299. SMALLBUSINESS ENTREPRENEURSHIP **3 SHC**
This course is designed to provide students with the competencies necessary to prepare them for successful business ownership. The course includes the study of entrepreneurial characteristics, business ethics, basics of financing, marketing fundamentals, product considerations, location and layout concerns, pricing decisions, promotion strategies, and management concepts.

CHEMISTRY

CHM 130. GENERAL, ORGANIC, & BIOCHEMISTRY **4 SHC**
This course provides a survey of basic facts and principles of general, organic, and biochemistry. Topics include measurement, molecular structure, nuclear chemistry, solutions, acid-base chemistry, gas laws, and the structure, properties, and reactions of major organic and biological groups. The course includes a 3-hour laboratory section in which students are introduced to techniques of laboratory work and experimentation with emphasis on experiences that enhance materials presented in lecture. Upon completion, students should be able to demonstrate an understanding of fundamental chemical concepts.

CHM 132. ORGANIC AND BIOCHEMISTRY **4 SHC**
This course provides a survey of major functional classes of compounds in organic and biochemistry. Topics include structure, properties, and reactions of the major organic and biological molecules and basic principles of metabolism. The course includes a laboratory section in which students are introduced to techniques of laboratory work and experimentation with emphasis on experiences that enhance materials presented in lecture. Upon completion, students should be able to demonstrate an understanding of fundamental chemical concepts needed to pursue studies in related professional fields. A student cannot receive credit for both CHM 132 and CHM 152.
Prerequisite: CHM 151 with a grade of "C" or higher.

CHM 151. GENERAL CHEMISTRY I **4 SHC**
This course covers fundamental principles and laws of chemistry. Topics include measurement, atomic and molecular structure, periodicity, chemical reactions, chemical bonding, stoichiometry, thermochemistry, gas laws, and solutions. The course includes a 3-hour laboratory section in which students are introduced to techniques of laboratory work and experimentation with emphasis on experiences that enhance materials presented in lecture. Upon completion, students should be able to demonstrate an understanding of fundamental chemical laws and concepts as needed in CHM 152.

CHM 152. GENERAL CHEMISTRY II **4 SHC**

This course provides a continuation of the study of the fundamental principles and laws of chemistry. Topics include kinetics, equilibrium, ionic and redox equations, acid-base theory, electrochemistry, thermodynamics, introduction to nuclear and organic chemistry, and complex ions. The course includes a 3-hour laboratory section in which students are introduced to techniques of laboratory work and experimentation with emphasis on experiences that enhance materials presented in lecture. Upon completion, students should be able to demonstrate an understanding of chemical concepts as needed to pursue further study in chemistry and related professional fields. A student cannot receive credit for both CHM 132 and CHM 152. *Prerequisites: CHM 151 with a grade of "C" or higher.*

CHM 251. ORGANIC CHEMISTRY I **4 SHC**

This course provides a systematic study of the theories, principles, and techniques of organic chemistry. Topics include nomenclature, structure, properties, reactions, and mechanisms of hydrocarbons, alkyl halides, alcohols, and ethers. Additionally, isomerization, stereochemistry, and spectroscopy will be covered. Upon completion, students should be able to demonstrate an understanding of the fundamental concepts of organic chemistry as needed in CHM 252. *Prerequisite: CHM 152 with a grade of "C" or higher*. This course serves as an **elective**.

COMMUNICATION

COM 110. INTRODUCTION TO COMMUNICATION **3 SHC**

This course provides an overview of the basic concepts of communication and the skills necessary to communicate in various contexts. Emphasis is placed on communication theories and techniques used in interpersonal group, public, intercultural, and mass communication situations. Upon completion, students should be able to explain and illustrate the forms and purposes of human communication in a variety of contexts.

COM 120. INTRODUCTION TO INTERPERSONAL COMMUNICATION **3 SHC**

This course introduces the practices and principles of interpersonal communication in both dyadic and group settings. Emphasis is placed on the communication process, perception, listening, self-disclosure, speech apprehension, ethics, nonverbal communication, conflict, power, and dysfunctional communication relationships. Upon completion, students should be able to demonstrate interpersonal communication skills, apply basic principles of group discussion, and manage conflict in interpersonal communication situations.

COM 231. PUBLIC SPEAKING **3 SHC**

This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is placed on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Upon completion, students should be able to prepare and deliver well- organized speeches and participate in group discussion with appropriate audiovisual support.

COMPUTER INFORMATION SYSTEMS

CIS 110. INTRODUCTION TO COMPUTERS AND THEIR APPLICATIONS **3 SHC**

A digital literacy course which introduces basic computer and related technologies including concepts and skills with emphasis on practical uses, functions, and operations. Topics include hardware, Internet concepts and skills, security issues, and the use of word processing, spreadsheet, database, and presentation software applications. Extensive laboratory exercises promote the use of computers to solve problems and foster productivity.

CIS 115. INTRODUCTION TO PROGRAMMING & LOGIC **3 SHC**

This course introduces computer programming and problem solving in a structured program logic environment. Topics include language syntax, data types, program organization, problem solving methods, algorithm design, and logic control structures. Upon completion, students should be able to use top-down algorithm design, and implement algorithmic solutions in a programming language.

CIS 172. INTRODUCTION TO THE INTERNET **3 SHC**

This course introduces Internet navigational tools, services, and World Wide Web examining strategies. Topics include using internet protocols, browsers, search engines, file compression/decompression, FTP, email, LISTSERVERS, and other related topics. Issues that are addressed include privacy, security, usability, accessibility, and copyright. Upon completion, students should be able to create and deploy a webpage using HTML, retrieve/decompress files, e-mail, FTP, web sites evaluation, understanding E-business, and find and use various internet resources.

CIS 208. WEB DESIGN I **3 SHC**
This course introduces Worldwide Web Consortium (W3C) standard client-side Internet programming using industry-established practices. Topics include JavaScript, markup elements, stylesheets, validation, accessibility, standards, and browsers. Upon completion, students should be able to develop hand-coded web pages using current markup standards.

CIS 210. WEB DESIGN II **3 SHC**
This course introduces intermediate to advanced web design techniques. Topics include customer expectations, advanced markup language, multimedia technologies, usability and accessibility practices, and techniques for the evaluation of web design. Upon completion, students should be able to employ advanced techniques to create high impact and highly functional web sites.

DRAMA

DRA 101. REHEARSAL AND PERFORMANCE **1 SHC**
Students learn the innerworkings of a dramatic production by participating in drama performances, by being in a play cast, or working in a supporting role (i.e. backstage, reservations, publicity, lighting, box office, etc.). This course is not recognized by the Comprehensive Articulation Agreement. The course constitutes credit hours above and beyond the degree requirements of all degree tracks.

DRA 111. THEATREAPPRECIATION **3 SHC**
This course provides a study of the art, craft, and business of the theatre. Emphasis is placed on the audience's appreciation of the work of the playwright, director, actor, designer, producer, and critic. Upon completion, students should be able to demonstrate a vocabulary of theatre terms and to recognize the contributions of various theatre artists.

DRA 120. VOICE AND PERFORMANCE **3 SHC**
This course provides guided practice in the proper production of speech for the theatre. Emphasis is placed on improving speech, including breathing, articulation, pronunciation, and other vocal variables. Upon completion, students should be able to demonstrate effective theatrical speech. This course is designated as an **elective**.

DRA 130. ACTING I **3 SHC**
This course provides an applied study of the actor's craft. Topics include role analysis, training the voice, and body concentration, discipline, and self-evaluation. Upon completion, students should be able to explore their creativity in an acting ensemble. This course is designated as an elective.

DRA 131. ACTING II **3 SHC**
This course provides additional hands-on practice in the actor's craft. Emphasis is placed on further analysis, characterization, growth, and training for acting competence. Upon completion, students should be able to explore their creativity in an acting ensemble. This course is designated as an elective.

DRA 140. STAGECRAFTI **3 SHC**
This course introduces the theory and basic construction of stage scenery and properties. Topics include stage carpentry, scene painting, stage electrics, properties, and backstage organization. Upon completion, students should be able to pursue vocational and avocational roles in technical theatre. This course is designated as an **elective**.

DRA 143. COSTUME DESIGN **3 SHC**
This course covers the analysis, research, design, and problem solving related to costume design. Emphasis is placed on director/designer communication, concepting, research, and rendering of designs. Upon completion, students should be able to demonstrate skills in communication, design process, and rendering. This course is designated as an **elective**.

DRA 210. INDEPENDENT STUDY **1-3 SHC**
Independent study in specialized dramatic subjects as discussed in advance between instructor and student. Such offerings may be in production, direction, or participation in such areas as comedy, tragedy and straight drama in both contemporary and classical areas. The course is designed to take the student beyond basic acting concepts.

ECONOMICS

ECO 251. PRINCIPLES OF MICROECONOMICS **3 SHC**
Introduces the student to the theory of the firm, household, and market behavior. Topics include demand, production and cost theory, market equilibrium under competitive and noncompetitive conditions, and problems of economic efficiency.

ECO 252. PRINCIPLES OF MACROECONOMICS **3 SHC**
Analysis of problems of contemporary national and international economics. Topics include the public economy, economic growth and development, inflation, employment and management by fiscal and monetary policies, and international trade.

ENGLISH

ENG 111. WRITING AND INQUIRY **3 SHC**
This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

ENG 112. WRITING AND RESEARCH IN THE DISCIPLINES **3 SHC**
This course, a second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

ENG 125. CREATIVE WRITING, I **3 SHC**
An introductory course in the writing of imaginative literature. This course is designed to provide students with the opportunity to practice the art of creative writing. Some contemporary writers are read and discussed; however, emphasis is placed on writing, fiction, poetry, and sketches. Upon completion, students should be able to craft and critique their own writing and critique the writing of others. This course is designated as an **elective**.

ENG 131. INTRODUCTION TO LITERATURE **3 SHC**
This course introduces the principle genres of literature. It focuses on writing that involves critical reading and thinking and the analysis and interpretation of prose, poetry, and drama. Students will learn and assimilate concepts and terminology particular to each literary genre and demonstrate competency by constructing writing assignments that apply the same concepts and terminology to literary works.

ENG 200. INDEPENDENT STUDY **1-3 SHC**
A directed individual study course designed to permit students opportunity for examination of special topics through research, reading, or projects. Enrollment is by permission of instructor and approval by the division.

ENG 231. AMERICAN LITERATURE I **3 SHC**
This course covers a general survey of American literature from the Colonial Period to 1865. Emphasis is placed on historical background, cultural context and literary analysis of the major writers and their works in prose and poetry. Consideration of phases of literary development in America and the aims and literary theories of the authors is included. Students will assimilate concepts and literary terminology particular to these works and demonstrate competency by constructing writing assignments that apply these concepts and terminology.

ENG 232. AMERICAN LITERATURE II **3 SHC**
This course covers a general survey of American literature from 1865 to the present. Emphasis is placed on historical background, cultural context and literary analysis of the major writers and their works in prose, poetry and drama. Consideration of phases of literary development in America and the aims and literary theories of the authors is included. Students will assimilate concepts and literary terminology particular to these works and demonstrate competency by constructing writing assignments that apply these concepts and terminology.

ENG 235. SURVEY OF FILM LITERATURE **3 SHC**
This course provides a study of the medium of film with a focus on the historical impact and the various literary genres of movies. Emphasis is placed on an appreciation of film as a form of literature which demonstrates various elements of fiction (character, setting, theme, etc.). Upon completion, students should be able to analyze film critically in various literary contexts.

ENG241. BRITISH LITERATURE I **3 SHC**
This course covers selected works in British literature from its beginnings to the Romantic Period. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts.

ENG242. BRITISH LITERATURE II **3 SHC**
This course covers selected works in British literature from the Romantic Period to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts.

ENG 261. WORLD LITERATURE I **3 SHC**
This course introduces selected works from the Pacific, Asia, Africa, Europe, and the Americas from their literary beginnings through the seventeenth century. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to selected works.

ENG 262. WORLD LITERATURE II **3 SHC**
This course introduces selected works from the Pacific, Asia, Africa, Europe, and the Americas from the eighteenth century to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to selected works.

ENG 271. CONTEMPORARY LITERATURE **3 SHC**
This course includes a study of contemporary literature. Emphasis is placed on literary and cultural trends of selected texts. Upon completion, students should be able to interpret, analyze, and respond to the literature. **Elective**.

ENG 273. AFRICAN-AMERICAN LITERATURE **3 SHC**
This course provides a survey of the development of African-American literature from its beginnings to the present. Emphasis is placed on historical and cultural context, themes, literary traditions, and backgrounds of the authors. Upon completion, students should be able to interpret, analyze, and respond to selected texts.

ENG 275. SCIENCE FICTION **3 SHC**
This course covers the relationships between science and literature through analysis of short stories and novels. Emphasis is placed on scientific discoveries that shaped Western culture and our changing view of the universe as reflected in science fiction literature. Upon completion, students should be able to trace major themes and ideas and illustrate relationships between science, world views, and science fiction literature. Additionally, the course will analyze the genre's developmental trends, common themes and motifs, and correlations to established literary traditions from nascent origins to contemporary examples of Science Fiction.

GEOGRAPHY

GEO 111. WORLD REGIONAL GEOGRAPHY **3 SHC**
Introduces the regional concept which emphasizes the spatial association of people and their environment. Emphasis is placed on the physical, cultural, and economic systems that interact to produce the distinct regions of the earth. Upon completion, students should be able to describe variations in physical and cultural features of a region and demonstrate an understanding of their functional relationships.

HEALTH

HEA 110. PERSONAL HEALTH/WELLNESS **3 SHC**
This course provides an introduction to basic personal health and wellness. Emphasis is placed on current health issues such as nutrition, mental health, and fitness. Upon completion, students should be able to demonstrate an understanding of the factors necessary to the maintenance of health and wellness.

HEA 112. FIRST AID & CPR **2 SHC**

This course introduces the basics of emergency first aid treatment. Topics include rescue breathing, CPR, first aid for choking and bleeding, and other first aid procedures. Upon completion, students should be able to demonstrate skills in providing emergency care for the sick and injured until medical help can be obtained.

HEA 120. COMMUNITY HEALTH **3 SHC**

This course provides information about contemporary community health and school hygiene issues. Topics include health education and current information about health trends. Upon completion, students should be able to recognize and devise strategies to prevent today's community health problems.

HISTORY

HIS 101. WESTERN CIVILIZATION FROM 1300 TO 1815. **3 SHC**

A survey course that examines the origins and characteristics of Early Modern Europe and introduces students to the basic principles of historical study. Emphasis is placed on examination of the Late Middle Ages and Renaissance, the Age of Reformation, the evolution of English constitutional monarchy, and the rise and fall of the Old Regime in France.

HIS 102. WESTERN CIVILIZATION SINCE 1815 **3 SHC**

A survey course that examines the political revolutions of 19th century Europe; the rise of nationalism, imperialism, and totalitarianism; the World Wars; the Cold War; and contemporary foreign affairs.

HIS 111. WORLD CIVILIZATION I **3 SHC**

This course introduces world history from the dawn of civilization to the early modern era. Topics include Eurasian, African, American, and Greco-Roman civilizations and Christian, Islamic and Byzantine cultures. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in pre-modern world civilizations.

HIS 112. WORLD CIVILIZATION II **3 SHC**

This course introduces world history from the early modern era to the present. Topics include the cultures of Africa, Europe, India, China, Japan, and the Americas. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in modern world civilizations.

HIS 131. AMERICAN HISTORY TO 1865 **3 SHC**

A survey of the early history of the United States that focuses on the colonial and revolutionary periods and on the increasing sectionalism that led to the Civil War. Students learn about notable leaders and major events in the political, social, and economic development of the nation.

HIS 132. AMERICAN HISTORY SINCE 1865 **3 SHC**

A survey of American history, which begins with an overview of the era of Civil War and Reconstruction and ends with a review of major trends since World War II. Other topics include chronological and topical examinations of the late nineteenth century, the Progressive era, and New Deal.

HIS 221. AFRICAN-AMERICAN HISTORY **3 SHC**

A survey of significant political, socioeconomic, and cultural developments in African-American history from the colonial period to the present. Topics include African origins, the slave trade, the Civil War, Reconstruction, the Jim Crow era, the civil rights movement, and contributions of African Americans. This course is designated as an **elective.**

HIS 236. NORTH CAROLINA HISTORY **3 SHC**

The history of North Carolina from the time of original native/indigenous cultures to the present, with attention given to cultural, socio-economic, and political trends. The state's relationship to other southern states and to the nation will be considered. Students will discover, discuss, and write about original documents from throughout the state's history. This course is designated as an **elective**.

HUMANITIES

HUM 115. CRITICAL THINKING (Advanced Reading) 3 SHC
This course introduces the use of critical thinking skills in the context of human conflict. Emphasis is placed on evaluating information, problem solving, approaching cross-cultural perspectives, and resolving controversies and dilemmas. Upon completion, students should be able to demonstrate orally and in writing the use of critical thinking skills in the analysis of appropriate texts.

HUM 160. INTRODUCTION TO FILM 3 SHC
Through viewing and studying particular films and crafting art projects inspired by the films, this course explores the connection between art and film, and the influence of the arts on film. The course also analyzes sources of personal inspiration and artistic voice.

HUM 180. HUMANITIES 1 SHC
A course designed to encourage student attendance at cultural events on the Louisburg College campus. These events involve the disciplines of art, music, drama, lecture, dance, and film. Attendance at approximately 13 to 15 events is required per semester. The attendance requirements will vary each semester as the number and types of events vary.

HUM 191. SELECTED TOPICS IN TUTOR LEADERSHIP DEVELOPMENT 1 SHC
This hybrid course introduces the theoretical framework and requires the practical application of learning support approaches in one-on-one and small-group situations. Students will work toward becoming paraprofessionals who support their peers in not only discipline-specific courses, but also broad academic skills such as time management, study skills, and test preparation. Topics and activities include: learning/study strategies; structuring and conducting diverse tutoring sessions; maintaining academic integrity; utilizing resources and developing supplemental materials for student use; and managing an academic support center.

HUM 230. LEADERSHIP DEVELOPMENT 3 SHC
This course is designed to provide emerging and existing leaders the opportunity to explore the concept of leadership and to develop and improve their leadership skills. The course integrates readings from the humanities, experiential exercises, films, and contemporary readings on leadership.

MATHEMATICS

MAT 143. QUANTITATIVE LITERACY 3 SHC
This course is designed to engage students in complex and realistic situations involving the mathematical phenomena of quantity, change and relationship, and uncertainty through project – and activity-based assessment. Emphasis is placed on authentic contexts which will introduce the concepts of numeracy, proportional reasoning, dimensional analysis, rates of growth, personal finance, consumer statistics, practical probabilities, and mathematics for citizenship. Upon completion, students should be able to utilize quantitative information as consumers and to make personal, professional, and civic decisions by decoding, interpreting, using, and communicating quantitative information found in modern media and encountered in everyday life.

MAT 152. STATISTICAL METHODS I 4 SHC
This course provides a project-based approach to introductory statistics with an emphasis on using real-world data and statistical literacy. Topics include descriptive statistics, correlation and regression, basic probability, discrete and continuous probability distributions, confidence intervals and hypothesis testing. Upon completion, students should be able to use appropriate technology to describe important characteristics of a data set, draw inferences about a population from sample data, and interpret and communicate results.

MAT 171. PRECALCULUS ALGEBRA 4 SHC
This course is designed to develop topics which are fundamental to the study of Calculus. Emphasis is placed on solving equations and inequalities, solving systems of equations and inequalities, and analysis of functions (absolute value, radical, polynomial, rational, exponential, and logarithmic) in multiple representations. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to algebra-related problems with and without technology.

MAT 172. PRECALCULUS TRIGONOMETRY **4 SHC**

This course is designed to develop an understanding of topics which are fundamental to the study of Calculus. Emphasis is placed on the analysis of trigonometric functions in multiple representations, right and oblique triangles, vectors, polar coordinates, conic sections, and parametric equations. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to trigonometry-related problems with and without technology.

MAT 210. INDEPENDENT STUDY **2-4 SHC**

Independent study in specialized mathematics subjects under the supervision of mathematics faculty. Course design, goals, content and requirements vary with the project attempted. The purpose is to provide exceptional mathematics students the opportunity for an in-depth supervised study of a subject area not covered in the structured mathematics courses offered.

MAT 252. STATISTICAL METHODS II **4 SHC**

This course is designed to provide a technology-based treatment of multiple sample inferential statistics. Emphasis is placed on two sample hypothesis tests and confidence intervals, linear and multiple regression, analysis of variance, experimental design, and non-parametric techniques. Upon completion, students should be able to draw statistical inferences and communicate results on multiple sample data taken from business and health, social, natural, and applied sciences.

MAT 271. CALCULUS I **4 SHC**

This course is designed to develop the topics of differential and integral calculus. Emphasis is placed on limits, continuity, derivatives and integrals of algebraic and transcendental functions of one variable. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to derivative-related problems with and without technology.

MAT 272. CALCULUS II **4 SHC**

This course is designed to develop advanced topics of differential and integral calculus. Emphasis is placed on the applications of definite integrals, techniques of integration, indeterminate forms, improper integrals, infinite series, conic sections, parametric equations, polar coordinates, and differential equations. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to integral-related problems with and without technology.

MAT 273. CALCULUS III **4 SHC**

This course is designed to develop the topics of multivariate calculus. Emphasis is placed on multivariate functions, partial derivatives, multiple integration, solid analytical geometry, vector valued functions, and line and surface integrals. Upon completion, students should be able to select and use appropriate models and techniques for finding the solution to multivariate-related problems with and without technology.

MUSIC

MUS 110. MUSIC APPRECIATION **3 SHC**

A study of Western music from the Middle Ages to the present day. Course exposes students to trends in music that are similar throughout this entire period. Emphasis on history, repertory, composers, performance practice, and socio-political influences on music.

MUS 121. MUSIC THEORY I **3 SHC**

This course provides an in-depth introduction to the fundamental rhythmic, harmonic and melodic aspects of music. Musical concepts covered will include dynamics, rhythm, meter, clefs, melodic/harmonic intervals, scales, keys, transposition, major/minor triads, circle of fifths, part writing, ear-training, sight-singing, and basic progressions. Upon completion, students should be able to demonstrate proficiency in the recognition and application of the above. Prior musical experience is recommended but not required.

MUS 122. MUSIC THEORY II **3 SHC**

This course is a continuation of studies begun in MUS 121. Emphasis is placed on advanced melodic, rhythmic, and harmonic analysis and continued studies in part-writing, ear-training, and sight-singing. Upon completion, students should be able to demonstrate proficiency in the recognition and application of the above.

MUS 131. CHORUS I **1 SHC**
This course provides an opportunity to gain experience singing in a chorus. Emphasis is placed on vocal techniques and the study and performance of a variety of styles and periods of choral literature. Upon completion, students should be able to demonstrate skills needed to participate in choral singing leading to performance.

MUS 132. CHORUS II **1 SHC**
This course provides a continuation of studies begun in MUS 131. Emphasis is placed on vocal techniques and the study and performance of a variety of styles and periods of choral literature. Upon completion, students should be able to demonstrate skills needed to participate in choral singing leading to performance.

MUS 133. BAND I **1 SHC**
This course provides an opportunity for those who play a band instrument to gain experience playing in an ensemble. Emphasis is placed on band techniques and the study and performance of a variety of styles and periods of band literature. Upon completion, students should be able to demonstrate skills needed to participate in ensemble playing leading to performance.

MUS 134. BAND II **1 SHC**
This course is a continuation of MUS 133. Emphasis is placed on band techniques and the study and performance of a variety of styles and periods of band literature. Upon completion, students should be able to demonstrate skills needed to participate in ensemble playing leading to performance.

MUS 141. ENSEMBLE I **1 SHC**
This course provides an opportunity to perform in any combination of instrumental, vocal, or keyboard groups of two or more. Emphasis is placed on the development of performance skills and the study of a variety of styles and periods of ensemble literature. Upon completion, students should be able to demonstrate skills needed to participate in ensemble playing leading to performance.

MUS 142. ENSEMBLE II **1 SHC**
This course is a continuation of MUS 141 (groups of two or more). Emphasis is placed on the development of performance skills and the study of a variety of styles and periods of ensemble literature. Upon completion, students should be able to demonstrate skills needed to participate in ensemble playing leading to performance.

MUS 151. CLASS MUSIC I **1 SHC**
This course provides group instruction in skills and techniques of the particular instrument or voice for those with little or no previous experience. Emphasis is placed on techniques and styles and the exploration and study of appropriate literature. Upon completion, students should be able to demonstrate proficiency in the studied skills and repertoire through performance.

MUS 152. CLASS MUSIC II **1 SHC**
This course is a continuation of the group instruction of MUS 151. Emphasis is placed on techniques and styles and the exploration and study of appropriate literature. Upon completion, students should be able to demonstrate proficiency in the studied skills and repertoire through performance. This course is designated as an **elective**.

MUS 161. APPLIED MUSIC I **2 SHC**
This course provides individual instruction in the skills and techniques of the particular instrument or voice. Emphasis is placed on techniques and styles and the exploration and study of appropriate literature. Upon completion, students should be able to demonstrate proficiency in the studied skills and repertoire through performance.

MUS 162. APPLIED MUSIC II **2 SHC**
This course is a continuation of the individual instruction of MUS 161. Emphasis is placed on techniques and styles and the exploration and study of appropriate literature. Upon completion, students should be able to demonstrate proficiency in the studied skills and repertoire through performance.

MUS 210. INDEPENDENT STUDY **1-3 SHC**
Independent study in specialized music subjects as discussed in advance between the instructor and student. Such offerings might include: music theory/harmony/ear-training covering harmonic analysis, part-writing from a given bass or treble line (rules of voice-leading), and sight-singing from the Common Practice (Classical and early Romantic) period. Successive semesters might follow this description beginning with the chromaticists in the 1860s through Impressionistic works and atonal analysis.

PHILOSOPHY

PHI 215. PHILOSOPHICAL ISSUES **3 SHC**
This course introduces fundamental issues in philosophy considering the views of classical and contemporary philosophers. Emphasis is placed on knowledge and belief, appearance and reality, determinism and free will, faith and reason, and justice and inequality. Upon completion, students should be able to identify, analyze, and critique the philosophical components of an issue.

PHI 240. INTRODUCTION TO ETHICS **3 SHC**
This course introduces theories about the nature and foundations of moral judgments and applications to contemporary moral issues. Emphasis is placed on moral theories such as consequentialism, deontology, and virtue ethics. Upon completion students should be able to apply various ethical theories to moral issues such as abortion, capital punishment, poverty, war, terrorism, the treatment of animals, and issues arising from new technologies.

PHYSICAL EDUCATION AND HEALTH

PED 110. FITNESS/WELLNESS FOR LIFE **2 SHC**
This course is designed to investigate and apply the basic concepts and principles of lifetime physical fitness and other health-related factors. Emphasis is placed on wellness through the study of nutrition, weight control, stress management, and consumer facts on exercise and fitness. Upon completion, students should be able to plan a personal, lifelong fitness program based on individual needs, abilities, and interests.

PED 117. WEIGHT TRAINING I **1 SHC**
This course introduces the basics of weight training. Emphasis is placed on developing muscular strength, muscular endurance, and muscle tone. Upon completion, students should be able to establish and implement a personal weight training program. This course is designated as an **elective**.

PED 125. SELF DEFENSE- BEGINNING **1 SHC**
This course is designed to aid students in developing rudimentary skills in self-defense. Emphasis is placed on stances, blocks, punches, and kicks as well as non-physical means of self-defense. Upon completion, students should be able to demonstrate basic self-defense techniques of a physical and non-physical nature.

PED 126. SELF DEFENSE-INTERMEDIATE **1 SHC**
This course is designed to aid students in building on the techniques and skills developed in PED 125. Emphasis is placed on the appropriate psychological and physiological responses to various encounters. Upon completion, students should be able to demonstrate intermediate skills in self-defense stances, blocks, punches, and kick combinations.

PED 165. SPORT SCIENCE AS A CAREER **3 SHC**
This course provides students will foundational knowledge about the study of physical activity and career opportunities within the discipline. Emphasis will be placed on the role of physical activity, the sub-disciplines of the field, and possible career choices. Upon completion, students should have an understanding of the sub disciplines and employment opportunities within an Exercise and Sport Science Program.

PED 207. FITNESS EDUCATION **1 SHC**
Designed to expand student knowledge concerning the various activities that can be utilized in maintaining a healthy lifestyle. This course is designated as an **elective**.

PED 209. CHEERLEADING **1 SHC**
This course introduces basic cheerleading techniques. Topics include the safety and movements needed to compete in cheer. Emphasis is placed on rules, equipment, and motor skills used in cheer. Upon completion, students should be able to demonstrate skills on basic cheer fundamentals. This course is designated as an **elective**.

PED 259 PREVENTION & CARE ATHLETE INJURY **2 SHC**
This course provides information on the prevention and care of athletic injuries. Topics include safety devices, taping, therapeutic techniques, and conditioning exercises. Upon completion, students should be able to demonstrate proper preventive measures and skills in caring for athletic injuries.

PED 260. COLLEGIATE FITNESS EDUCATION 1 SHC
Designed to expand student knowledge concerning the various activities that can be utilized in maintaining a healthy lifestyle.

PED 261. COLLEGIATE WEIGHT TRAINING 1 SHC
Provides an overview of the weight training process, to include free weights, circuit training, and safety concerns.

PED 262 COLLEGIATE CONDITIONING AND FITNESS 1 SHC
Introduces students to cardio respiratory fitness, endurance, and flexibility, along with proper stretching techniques.

PED 263. COLLEGIATE TEAM SPORTS 1 SCH
Provides in-depth study into the knowledge of team sport concepts, focusing on the behavioral skills associated with working in a group setting.

PED 291. ATHLETICS' TRAINING/PRACTICUM I 1 SHC
Designed to introduce many of the taping and wrapping skills involved in the field of athletics training. The student must also show competence in various basic skills that accompany the field of athletics' training. This course is designated as an **elective**.

PED 292. ATHLETICS' TRAINING/PRACTICUM II 1 SHC
Practicum II involves advanced athletics' training responsibilities. This includes advanced taping procedures, physical therapy duties, usage of modalities, as well as handling the responsibility for an intercollegiate athletics team. Organizational and administrative duties are also introduced at this stage.

PHYSICS

PHY 110. CONCEPTUAL PHYSICS 4 SHC
This course provides a conceptually-based exposure to the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. This course has a laboratory portion in which emphasis is placed on experiences that enhance materials presented in class and provide practical experience. Upon completion, students should be able to describe examples and applications of the principles studied, and apply laboratory experiences to the concepts presented in class.

PHY 151. COLLEGE PHYSICS I 4 SHC
This course uses algebra- and trigonometry-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include units and measurement, vectors, linear kinematics and dynamics, energy, power, momentum, fluid mechanics, and heat. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered.

PHY 152. COLLEGE PHYSICS II 4 SHC
This course uses algebra- and trigonometry-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include electrostatic forces, electric fields, electric potentials, direct current circuits, magneto-static forces, magnetic fields, electromagnetic induction, alternating current circuits, and light. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered.

PHY 251. GENERAL PHYSICS I 4 SHC

This course uses calculus-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include units and measurement, vectors operations, linear kinematics and dynamics, energy, power, momentum, rotational mechanics, periodic motion, fluid mechanics, and heat. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered.

PHY 252. GENERAL PHYSICS II 4 SHC
This course uses calculus-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include electrostatic forces, electric fields, electric potentials, direct current circuits, magneto-static forces, magnetic fields, electromagnetic induction, alternating current circuits, and light. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered.

POLITICAL SCIENCE

POL 110. INTRODUCTION TO POLITICAL SCIENCE **3 SHC**
This course introduces basic political concepts used by governments and addresses a wide range of political issues. Topics include political theory, ideologies, legitimacy, and sovereignty in democratic and non-democratic systems. Upon completion, students should be able to discuss a variety of issues inherent in all political systems and draw logical conclusions in evaluating these systems.

POL 120. AMERICAN NATIONAL GOVERNMENT **3 SHC**
A study of the national government with emphasis on the development of the Constitution of the United States; the legislative, executive, and judicial branches; pressure groups; opinion formation; political parties; elections; and civil liberties.

PSYCHOLOGY

PSY 150. PSYCHOLOGY **3 SHC**
An overview of the major theories in psychology is presented. This course includes lectures, videos, and class demonstrations in the areas of motivation, learning, intelligence, and perception. A review of the scientific method and approaches to conducting research is also included.

PSY 243. CHILD PSYCHOLOGY **3 SHC**
This course provides an overview of physical, cognitive, and psychosocial development from conception through adolescence. Topics include theories and research, interaction of biological and environmental factors, language development, learning and cognitive processes, social relations, and moral development. Upon completion, students should be able to identify typical and atypical childhood behavior patterns as well as appropriate strategies for interacting with children.

PSY 281. ABNORMAL PSYCHOLOGY **3 SHC**
An examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders. Upon completion, students should be able to distinguish between normal and abnormal behavior patterns as well as demonstrate knowledge of etiology, symptoms, and therapeutic techniques.

RELIGION

REL 110. WORLD RELIGIONS **3 SHC**
Introduces the world's major religious traditions. Topics include Primal religions, Hinduism, Buddhism, Islam, Judaism, and Christianity. Upon completion, students should be able to identify the origins, history, beliefs, and practices of the religions studied.

REL 201. INDEPENDENT STUDY **1-3 SHC**
Independent study in the Department of Religion and Philosophy. Advanced work by the student, developed in consultation with the instructor. This course is not recognized by the Comprehensive Articulation Agreement and should NOT be used toward a degree.

REL 211. OLD TESTAMENT **3 SHC**
A study of the Jewish Scriptures or Old Testament and the religious community that produced it; based primarily on a critical examination of the literature within the historical setting of the first two millennia B.C.E.

REL 212. NEW TESTAMENT **3 SHC**
A study of the New Testament and the Christian community that produced it; based primarily on a critical examination of the literature within the historical setting of the last two centuries B.C.E. and the first two centuries of the Common Era.

REL 221. RELIGION IN AMERICA TODAY **3 SHC**
A survey of contemporary religious institutions, movements, issues, and personalities in the United States, with some attention to their history. Readings from recent books, current periodicals, and official church publications. Extensive use of videos.

SOCIOLOGY

SOC 210. INTRODUCTION TO SOCIOLOGY **3 SHC**
A survey of human society focused on the introduction of culture, socialization, deviance and crime, sexuality, race and ethnicity, aging and groups on collective human behavior with special emphasis on social stratification, the social institutions, and the significance of social change.

SOC 213. SOCIOLOGY OF THE FAMILY **3 SHC**
Covers the institutions of the family and other intimate relationships. Emphasis is placed on mate selection, gender roles, sexuality, communication, power and conflict, parenthood, diverse lifestyles, divorce and remarriage, and economic issues. Upon completion, students should be able to analyze the family as a social institution and the social forces which influence its development and change.

SOC 220. SOCIAL PROBLEMS **3 SHC**
An introductory sociological analysis of aspects of North American culture that are the source of contemporary social issues such as crime, mental illness, drug and alcohol addiction, sexual deviance, instability of the family, race relations, poverty, environmental degradation, and political corruption.

SPANISH

SPA 101. BEGINNING SPANISH, I **3 SHC**
Introduction to the fundamentals of grammar and conversation and introduction to Hispanic culture. Normally for students with no previous instruction in Spanish. Course offered based upon sufficient demand.

SPA 102. BEGINNING SPANISH II **3 SHC**
A continuation of elementary college Spanish for students who have completed Spanish 101 or one or two units of high school Spanish with a grade of C or above.

SPA 201. INTERMEDIATE SPANISH I **3 SHC**
An intensive review and development of basic grammar and vocabulary; development of conversation and composition skills; readings from Spanish and Spanish-American authors.

SPA 202. INTERMEDIATE SPANISH II **3 SHC**
A continuation of intermediate college Spanish for students who have completed Spanish 201, or three or four units of high school Spanish with a grade of C or above.

SPA 211-212. INTRODUCTION TO HISPANIC LITERATURE **3 SHC**
Readings and discussions of selections of Spanish and Spanish-American literature.

SPA 221. CONVERSATION AND PHONETICS, I **3 SHC**
A course stressing practice in speaking Spanish. Particular attention is paid to phonetics, pronunciation, intonation, fluency, correctness of sentence structure, and vocabulary of everyday situations.

SPA 222. CONVERSATION AND PHONETICS II **3 SHC**
This course will be a continuation of the development of the 4 skills acquired in Spanish 221, plus the continuation on stress in practicing and speaking Spanish in order to master the correctness and fluency of the spoken language.

INTERDISCIPLINARY COURSES

CED 275. COOPERATIVE FIELD WORK **1-4 SHC**
Available in all curricula of the College. The student, in cooperation with his or her divisional coordinator and employer, formulates educational and vocational objectives relevant to his or her field of study. All work assignments are controlled and require the student to file periodic work reports and a final comprehensive summary of the educational value of the work experience.

REC 125. INTRODUCTION TO PARKS AND RECREATION **3 SHC**
A survey of the foundations of parks and organized recreation; backgrounds and theories, objectives and principles; social and economic factors associated with parks and recreation.

SPM 279. INTRODUCTION TO SPORTS MANAGEMENT 3 SHC

Planning, organizing, leading and evaluating within a sport context; fundamentals of accounting, budgeting, economics, marketing, strategic planning, ethics, and their place in sports settings; techniques of personnel, facility, and sporting event management.