



COURSE DESCRIPTIONS

2008-2009

INTEGRATIVE STUDIES COURSES

Integrated Studies (IS) courses help to fulfill Goal 4 of the Liberal Arts Council: “The Liberal Arts Council curriculum persuades students that integrating knowledge and forming relationships between courses and between acquired knowledge and new ideas is valuable.”

IS courses are part of the Secondary Core curriculum for the following degrees: Bachelor of Arts, Bachelor of Science, and Bachelor of Business Administration.

Faculty interested in teaching such courses apply to the Interdisciplinary Council, which certifies the course for the IS designation. The course content must be inter- or cross-disciplinary; the faculty member must be credentialed in each of the disciplines covered; and significant written assignments are required.

An annual listing of IS courses will be available from the Registrar’s office. Current Integrative Studies courses include:

BIO	3400	Issues in Bioethics
BIO	3950	Issues in Biodiversity Conservation
CIS	3030	Geographic Information Science
EAS	3100	Natural Hazards
EAS	3200	Evolution of the Earth (NAS 3200)
ECO	3170	The Theory of Games
ENG	1030/40	Freshman Honors English (<i>for students who have AP/CLEP credit for ENG 1010 and 1020 only</i>)
ENG	3025	The Vikings and Early English Homiletics
ENG	3026	Medieval Women Mystics (REL 3026)
ENG	3027	Development of the English Language
ENG	3210	Expressions of Spirituality: The Medieval World
ENG	3230	The American West
ENG	3310	American Business Culture and the Novel
ENG	3320	Landscape, Architecture, and British Literature
ENG	3995	Integrated Special Topics (HIS 3995, REL 3995)
ENG	4100	Romanticism in Words and Paint
ENG	4200	Literary Crossroads
ENG	4320	Environment and the American Mind (HIS 4320)
FRE	3150	French Realism and Naturalism in Nineteenth Century France
GER	3100	German Expression
GST	3410	Global Citizenship
HIS	3020	Classical Culture
HIS	3030	Medieval Europe
HIS	3050	Early Modern Europe
HIS	3140	Georgia History and Literature
HIS	3160	Southern Culture
HIS	3230	History of England to 1689
HIS	3240	History of England Since 1689
HIS	3400	East Asian Civilizations
HIS	4330	History and Philosophy of Science and Mathematics
MUS	3430	World Music and Art
MUS	3570	The Mozart Project (<i>transferred from Salzburg College</i>)
PSY	3060	Social Psychology (SOC 3060)
REL	3340	Religion and Popular Culture
REL	4110	Portraits of Jesus
REL	4340	Faith and Suffering in Religious Literature
REL	4380	Christianity and Literature
SOC	3060	Social Psychology (PSY 3060)

COURSE NUMBERING SYSTEM AND ABBREVIATIONS

The system of numbering indicates in general the student group for which the courses are designed. Courses numbered 0990 are remedial and are taken by assignment. Other indications are as follows:

1000-1999 freshmen and sophomores	3000-3999 juniors and seniors
2000-2999 sophomores and juniors	4000-4999 seniors only

Not all the courses described will be scheduled in any one year, but adequate provision will be made for completing major work in the departments in which majors are offered. The figure in parentheses to the right of the course title indicates the number of semester hours credit.

The letter “T” will be used after a course number to indicate “Tutorial.”

ABBREVIATIONS

Accounting	ACC	Mathematics	MAT
Art	ART	Music	MUS
Biology	BIO	Music Activities	MUA
Business Administration	BUS	Natural Science	NAS
Chemistry	CHE	Organ	ORG
Chinese	CHI	Philosophy	PHI
Communication Arts	COM	Physics	PHY
Computer Information Systems	CIS	Physical Education (see Health and Physical Education)	
Criminal Justice	CRJ		
Earth Science	EAS	Piano	PIA
Economics	ECO	Political Science	POS
Education	EDU	Psychology	PSY
English	ENG	Religion	REL
French	FRE	Sociology	SOC
Geography	GEO	Spanish	SPA
German	GER	Sport Studies	SPS
Global Studies	GST	Student Development	SDV
Health and Physical Education	HPE	Theatre	THE
History	HIS	Voice	VOI
Honors Program	HON		

COURSE DESCRIPTIONS

ACCOUNTING (ACC)

2010. PRINCIPLES OF FINANCIAL ACCOUNTING. (3)

The nature of business entities, especially the corporation, and the related financial statements required by Generally Accepted Accounting Principles. Coverage includes steps in the accounting cycle; the accounting treatment for assets, liabilities, and owner’s equity; and interpretation of the basic financial statements.

Prerequisite: MAT 1110 or higher.

2020. PRINCIPLES OF MANAGERIAL ACCOUNTING. (3)

How managers use the financial accounting generated to make appropriate business decisions. Builds on the content of ACC 2010 and covers manufacturing and service-related businesses.

Prerequisite: ACC 2010.

2030. ACCOUNTING FOR NON-BUSINESS MAJORS. (3)

A survey of accounting principles and concepts for non-business majors. Subjects covered include financial statements, business structure, budgets, and accounting as a tool for managerial decision-making.

3000. QUICKBOOKS. (3)

This course uses the Quickbooks™ software to demonstrate how computers are used in the field of Accounting. Students also learn how to use the accounting information generated in interpreting the data for decision-making through case analysis.

Prerequisite: ACC 2010 or permission of the instructor.

3030. COST ACCOUNTING AND BUDGETING. (3)

Topics essential to understanding the proper costing of goods and services. Additional in-depth coverage of specific topics related to the preparation and interpretation of financial statements for manufacturing and service-related enterprises is included.

Prerequisite: ACC 2020.

3040. MANAGERIAL ACCOUNTING. (3)

The interpretation and application of accounting data for planning and controlling business activities. Emphasis is placed on the use of accounting to help solve problems confronting business management.

Prerequisite: ACC 2020.

3050. INCOME TAX I. (3)

A study of the federal income tax system for individuals. Emphasis is placed on income determination, deductions, and tax return preparation.

Prerequisite: ACC 2020.

3060. INCOME TAX II. (3)

A survey of federal income taxation applicable to corporations, partnerships, and estates and trusts.

Prerequisite: ACC 3050.

3080. GOVERNMENTAL ACCOUNTING. (3)

Special emphasis is given to non-profit organizations such as municipalities, schools, churches. This course covers funds accounting.

Prerequisite: ACC 2020.

3110. INTERMEDIATE ACCOUNTING I. (3)

This course is an in-depth study of accounting theories and their application to decisions affecting the financial statements. Specifically, the course focuses on income and expense recognition, their presentation on financial statements, and an in-depth study of the Assets and Liabilities. A working knowledge of Microsoft Excel is useful.

Prerequisite: ACC 2020.

3120. INTERMEDIATE ACCOUNTING II. (3)

This course is an in-depth study of Equity funding issues and specialized topics such as leases, tax allocation, pensions, and other issues that have an impact on financial statements. A working knowledge of Microsoft Excel is helpful.

Prerequisite: ACC 3110.

3140. ACCOUNTING RESEARCH. (3)

An introduction to conducting research in the field of accounting. The specific types of research methodology covered will vary.

Prerequisite: ACC 2020.

3150. FORENSIC ACCOUNTING III. (3)

A study of how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.

Prerequisite: ACC 2020.

3160. MACRO FRAUD EXAMINATION. (3)

This course takes a macro look at fraud by examining the pervasiveness of and the causes of fraud and white-collar crime in our society. Other topics to be explored include financial crime statutes, evidence gathering and admissibility, types and elements of fraud, general investigative methods, and report writing.

Prerequisite: A minimum grade of "C" in ACC 2010 or ACC 2020.

3170. MICRO FRAUD EXAMINATION. (3)

This course takes a micro look at fraud by examining about 40 of the most common fraud schemes including how they work and how they can be effectively detected, investigated, and prevented.

Prerequisite: A minimum grade of "C" in ACC 3160 or by approval.

3200. ACCOUNTING INFORMATION SYSTEMS. (3)

The design, implementation, and internal control of systems to generate business information through manual and computerized formats.

Prerequisites: ACC 2010, 2020.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4010. ACCOUNTING THEORY. (3)

A survey of the conceptual side of accounting. Attention is focused on an in-depth study of generally accepted accounting principles.

Prerequisite: ACC 3130.

4020. AUDITING I. (3)

A study of the principles of internal and independent auditing, the criteria for the establishment of internal controls, and the effect of these controls on examinations and reports.

Prerequisite: ACC 3130.

4030. ADVANCED ACCOUNTING. (3)

Topics such as partnerships and branches, as well as the larger area of business combinations and consolidated financial statements; bankruptcy; accounting for estates and trusts; interim financial statements; and financial reporting by multinational companies.

Prerequisite: ACC 3130.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)**4540. FORENSIC INTERVIEWS AND INTERROGATIONS. (3)**

This course examines the distinctions between interviews and interrogations and how each can be used in resolving criminal or civil allegations. Other topics to be explored include the verbal and nonverbal cues indicating truth or deception, preparation of interview memoranda, and obtaining and preparing legally-admissible admission statements.

Prerequisite: A minimum grade of "C" in ACC 3160.

4600, 4601. CPA REVIEW I,II. (3, 3)

This course combines computerized review and testing with professor-led discussions and lecture to prepare the student for the uniform AICPA Exam. This course should be taken within the last two semesters of the degree program. The content of each semester covers two sections of the CPA exam material.

Prerequisite: Senior standing and permission of the instructor.

4820. AUDITING II. (3)

A continuation of ACC 4020. Topics covered are systems design, quantitative techniques, theory. Practice Sets will be utilized to enhance the learning experience.

Prerequisite: ACC 4020 with grade of C or better.

4850, 4860. INTERNSHIP. (1-3, 1-3)

Prerequisite: Senior standing, by invitation only.

ART (ART)

Studio courses meet 6 hours per week for 3 semester hours credit.

ART 1500. ART FUNDAMENTALS: DESIGN. (3)

Introduction to two-dimensional and three dimensional processes and concepts with emphasis on contemporary and art historical design theory. Topics include line, value, texture, color, form and space. ART 1500 is prerequisite to all studio art courses.

ART 1580. SCULPTURE I (3)

An introduction to sculpture methods and materials focusing on direct observation skills and using additive, subtractive, and casting methods. Principles of design applying to three-dimensional form will be emphasized, including, but not limited to, line, plane, mass, volume, texture, and positive and negative space. Specific material and tools safety concerns will be addressed.

Prerequisite: ART 1500 or instructor permission.

ART 1600. DRAWING I (3)

Introduction to materials and techniques of basic drawing; study of still life, figure and nature to develop perception of line, value, space, and volume.

Prerequisite: ART 1500 or permission of instructor.

ART 1620. CERAMICS I (3)

An introduction to tools and material processes for working in three-dimensional form. An introduction to the ceramic processes of forming, glazing, and firing. Principles of design applying to three-dimensional form will be emphasized, including, but not limited to, line, plane, mass, volume, texture, and positive and negative space.

Prerequisite: Art 1500 or permission of instructor.

ART 1640. PAINTING I. (3)

Introduction to color theory and painting techniques, with emphasis on the use of acrylic painting media.

Prerequisite: ART 1500, or permission of instructor.

2010. ART, CULTURE, AND VALUES: AN INTRODUCTION TO THE VISUAL ARTS. (3)

A comparison of the way different cultures, including African, Asian, Middle Eastern, and Western, think of the purposes of the visual arts. The course will emphasize the relationships between economic, religious, and other social institutions and the arts, and explore varying ways of defining artistic quality.

ART 2200. CERAMICS II. (3)

The exploration of problems in three-dimensional form, from functional forms to expressive forms, utilizing modeling, carving, casting, and assembling methods.

Prerequisite: Art 1620 or permission of instructor.

ART 2230. PAINTING II. (3)

Continuation in the exploration of color theory and painting techniques, with emphasis on the use of oil painting media.

Prerequisite: ART 1640 or permission of instructor.

ART 2500. COMPUTER ART I (3)

Introduction to the use of the computer in visual communication. Emphasis will be placed on the use of the design elements of line, shape, texture and color.

Prerequisite: Art 1500 or permission of instructor.

ART 2580. SCULPTURE II (3)

A continuation of the introduction to sculptural methods and materials focusing on formal design issues using constructive and assemblage methods in various materials. Primary emphasis will be on processes, tools, and techniques. Specific material and tools safety concerns will be addressed.

Prerequisite: Art 1580 or instructor permission.

ART 2655. DRAWING II (3)

Exploration of the compositional and technical considerations in a variety of drawing media; emphasis on the analytical and objective investigation of organizational problems utilizing the study of still life, figure and nature.

Prerequisite: ART 1600 or permission of instructor.

3010. ART HISTORY SURVEY I: ANCIENT AND MEDIEVAL ART. (3)

A history of the arts from their prehistoric beginnings to the dawn of the Renaissance in the Near East and Europe. Emphasis on how changes in style and subject matter reflect the religious political, and social events, including Greek idealism, Christianity, feudalism, and early modern states.

3020. ART HISTORY SURVEY II: RENAISSANCE THROUGH 19TH CENTURY. (3)

European and American reflections of the classical heritage in the Renaissance and Baroque periods, and challenges to classical ideals posed by the industrial revolution and the rise of modern democracy.

3060. MODERN ART. (3)

A history of the modern response to and departures from the classical heritage from Impressionism to the present. Emphasis on the changing role of art in political, social, and religious life, and resulting evolution of artists' goals and values. Topics include painting, sculpture, photography, film, architecture, and crafts.

3090. AMERICAN ART. (3)

A social history of the arts in America from colonial times to the present. Emphasis on how American historical experiences such as colonialism, the westward expansion, development of regional identities, and changing patterns of immigration have created a uniquely American aesthetic. Topics include architecture, decorative arts, painting, sculpture, and crafts.

3093. MULTI-CULTURAL ISSUES EXPLORED BY CONTEMPORARY WOMEN ARTISTS. (3)

This course will incorporate analysis and discussion of multi-cultural issues exhibited through the artwork created by contemporary women artists.

3095. MODERN AFRICAN AMERICAN ARTISTS AND THE AFRICAN CULTURAL HERITAGE. (3)

This course will explore how African culture affects the artwork of 20th century African American artists.

ART 3200. CERAMICS III. (3)

The exploration of three-dimensional form through the expansion and development of the student's technical knowledge and experience, in familiar as well as new media. The development of the student's personal expression through three-dimensional concepts.

Prerequisite: Art 2200 or permission of instructor.

ART 3235. PAINTING III. (3)

Creative exploration in the development of aesthetic strategies concerning color theory and painting techniques, with emphasis on art historical concepts and methods.

Prerequisite: ART 2230 or permission of instructor.

ART 3245. MIXED MEDIA (3)

Exploration in the utilization of media combinations in personal creative expression.

Prerequisite: ART 2230 or permission of instructor.

3270. PRINTMAKING. (3)

Introduction to basic traditional printmaking processes, relief, intaglio, and silkscreen. Preliminary sketch development, relevant tools and materials, studio setup, paper choice and preparation, and print presentation will be covered. Materials may include wood, linoleum, metal, silkscreen, ink, and paper.

3400. COMMERCIAL ART. (3)

Preparation of art applicable to two-dimensional or three-dimensional designs for printed materials, logos, packages, displays, and signs. Print industry vocabulary and an introduction to computer art preparation is included.

Prerequisites: ART 1500 and 1600.

ART 3470. PHOTOGRAPHY I (3)

An introduction to the use of photography as an art form. Basic techniques of camera use, composition, film processing, and printing will be covered. A 35mm camera with manual settings is required.

Prerequisite: Art 1500 or permission of instructor

ART 3471. PHOTOGRAPHY II (3)

A continuation of the introduction to photography as an art form focusing on more advanced technical processes and darkroom techniques. A 35mm manual camera is required.

Prerequisites: Art 3470 or instructor permission.

ART 3500. COMPUTER ART II (3)

Continuation in the use of the computer in visual communication. Emphasis will be placed upon an understanding of the visual dynamics of composition.

Prerequisite: Art 2500 or permission of instructor.

ART 3580. SCULPTURE III (3)

A further exploration of sculptural processes and concepts through a series of teacher driven assignments based on specific individual student needs and interests. Primary emphasis will be on the development of conceptual and formal aesthetics in sculpture generation. Specific material and tools safety concerns will be addressed.

Prerequisites: Art 2580 or instructor permission.

ART 3600. COMPUTER ART III (3)

Development of an understanding of creative problem solving strategies in utilizing the computer in visual communication.

Prerequisite: Art 3500 or permission of instructor.

ART 3655. DRAWING III (3)

Exploration of conceptual and technical considerations in a variety of drawing media; emphasis on the conceptual investigation of individual creative problem-solving strategies utilizing the study of still life, figure and nature.

Prerequisite: ART 2655 or permission of instructor.

ART 3750. ART EXHIBITION PROCEDURE I. (3)

Exploration of the professional procedures in art exhibition coordination and installation.

Prerequisite: Junior Standing or permission of instructor.

ART 3751. ART EXHIBITION PROCEDURE II. (3)

Continued exploration of the professional procedures in art exhibition coordination and installation.

Prerequisite: ART 3750 or permission of instructor.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4010, 4020. INTERNSHIP. (1-3), (1-3)**ART 4200. CERAMICS IV. (3)**

The exploration of conceptual and technical problems in ceramics; demonstrating a maturing aesthetic and conceptual direction by the student.

Prerequisite: ART 3200 or permission of instructor.

ART 4235. PAINTING IV. (3)

Advanced creative exploration in the development of aesthetic strategies concerning color theory and painting techniques, with emphasis on contemporary art concepts and methods.

Prerequisite: ART 3235 or permission of instructor.

4250, 4260. INDEPENDENT STUDY. (1-3), (1-3)**4270. ADVANCED PRINTMAKING. (3)**

Individual projects on advanced level. Experimentation and combination of processes are explored.

Prerequisite: ART 3270.

4400. ADVANCED COMMERCIAL ART. (3)

Assigned work on projects from local businesses. Course requires advanced level skills in drawing, writing, public relations, and creativity in creation of proposals.

Prerequisites: ART 3400 and permission of department.

ART 4430. ADVANCED CERAMICS WORKSHOP I (3)

Development of creative problem solving in the ceramic medium.

Prerequisite: ART 4200 or permission of instructor.

ART 4431. ADVANCED CERAMICS WORKSHOP II (3)

Advanced creative problem solving with an emphasis on the individual interpretation of three-dimensional form through the ceramic medium and process.

Prerequisite: ART 4430 or permission of instructor.

ART 4471. PHOTOGRAPHY III (3)

A further exploration of photography as an art form focusing on conceptual and technical issues in the use of various photographic print media.

Prerequisites: Art 3471 or instructor permission.

ART 4472. PHOTOGRAPHY IV (3)

An exploration of advanced issues in photography as an art form. Each student, in conjunction with the instructor, will design a set of goals to be accomplished during the semester. A journal and evidence of research is required.

Prerequisites: Art 4471 or instructor permission

ART 4485. ADVANCED PAINTING WORKSHOP I. (3)

Development of the concept of creative problem solving strategies in relationship to the individual interpretation of color theory and painting techniques.

Prerequisite: Art 4235 or permission of instructor.

ART 4495. ADVANCED PAINTING WORKSHOP II. (3)

Exploration of advanced creative problem solving strategies; emphasis on individual interpretation of color theory and painting techniques.

Prerequisite: Art 4485 or permission of instructor.

ART 4500. COMPUTER ART IV (3)

Exploration of advanced creative problem solving strategies in utilizing the computer in visual communication.

Prerequisite: Art 3600 or permission of instructor.

ART 4580. SCULPTURE IV (3)

A further exploration of sculptural processes through student designed and instructor approved assignments. Primary emphasis will be on the development of students aesthetics, planning, and decision making skills. A journal and evidence of research are required. Specific material and tools safety concerns will be addressed.

Prerequisites: Art 3580 or instructor permission

ART 4581. ADVANCED SCULPTURE WORKSHOP I (3)

Development of the concept of individual strategies in creative problem solving utilizing sculptural aesthetics and techniques. The student and the teacher will design a series of thematic goals in the investigation of specific creative problem solving concepts. Appropriate methods, materials, and presentation will be discussed. Proof of research into other artists using similar concepts/materials will be required. Specific material and tools safety concerns will be addressed.

Prerequisites: Art 4580 or instructor permission.

ART 4582. ADVANCED SCULPTURE WORKSHOP II (3)

Advanced individual creative problem solving strategies utilizing sculptural aesthetics and techniques. Students are responsible for designing a series of thematic goals in the investigation of specific concepts. Appropriate methods, materials, and presentation will be discussed. Proof of research into other artists using similar concepts/materials will be required. Specific material and tools safety concerns will be addressed.

Prerequisites: Art 4581 or instructor permission.

ART 4665. DRAWING IV: (3)

Exploration of personal expression in a variety of drawing media; emphasis on the development of a personal interpretation of content and media.

Prerequisite: ART 3655 or permission of instructor.

4750. SENIOR RESEARCH. (1-3)

Advanced approaches to expression through mixed arts media, including video, film, audio, installation, and performance.

ART 4755. SENIOR STUDIO. (3)

Individual studio production that interrelates historical, technical, and aesthetic components of visual art; contract for studio project to be approved by instructor. To be taken in conjunction with Art 4756.

Prerequisite: Senior Standing and permission of instructor.

ART 4756. SENIOR RESEARCH. (3)

Individual research into the written and oral communication of historical, technical, and aesthetic components of visual art; contract for research project to be approved by instructor. To be taken in conjunction with Art 4755.

Prerequisite: Senior Standing and permission of instructor.

4801. VISUAL ARTS: PROFESSIONAL PRACTICES. (3)

The study and preparation of the artist's portfolio, resume, and professional artist's image in preparation for graduation. The course will cover the development and communication of, both in writing and orally, one's artistic philosophy. It will cover the producing and assembling of materials into a professional portfolio, marketing strategies for the artist, higher educational opportunities, and the practical matters of self-employment for the artist such as commission work, contracts, grants, and taxes.

Prerequisite: Junior or senior standing

BIOLOGY (BIO)

1010, 1020. GENERAL BIOLOGY I, II. (4, 4)

An introduction to the world of living things with emphasis on functional ecosystems augmented by the biology of organisms, cells, and molecules.

Three hours lecture, two hours lab (BIO 1011/1012) per week.

2040. GENERAL BOTANY. (4)

A study of plant form, structure, and function. It includes a survey of major plant groups.

Prerequisite: BIO 1010.

Three hours lecture, two hours lab per week.

2060. GENERAL ZOOLOGY. (4)

A thorough survey of the animal kingdom, evolutionary relationships of animal groups, and an introduction to biodiversity issues.

Prerequisite: BIO 1010, 1020.

Three hours lecture, two hours lab per week.

2301. ECOLOGY OF BARRIER ISLANDS.

See NAS 2301.

2990. SELECTED TOPICS. (1-4)

Variable subject content.

3001. MARINE BIOLOGY. (3)

An ecological approach to the understanding of the biota of the oceans, shores, and estuaries. Course may be registered without field study (see below).

Prerequisites: BIO 1020, 2060. Exceptions with permission of the instructor.

3002. MARINE BIOLOGY FIELD STUDY. (1)

A field course with on-site study in the coastal area of Florida.

Pre- or co-requisite: BIO 3001. Exceptions with consent of instructor.

Two weeks after end of second semester.

3010. HUMAN ANATOMY AND PHYSIOLOGY I. (4)

A study of the structure of the vertebrate systems and of the processes characteristic of living tissues, especially of the human. This course is the first portion of a two part series that addresses both the structure and function of an organism, with the primary focus on anatomy.

Prerequisites: BIO 1010, 1020, 2060. CHE 1030, 1040 recommended. Exceptions with consent of instructor.

Three hours lecture, two hours lab per week.

3020. HUMAN ANATOMY AND PHYSIOLOGY II. (4)

A study of the normal functioning of the human organism and its component parts, including the chemical and physical processes. This course is a continuation of information from Human Anatomy and Physiology I, with a focus on physiology.

Prerequisites: BIO 3010. CHE 1030, CHE 1040 are recommended. Exceptions with consent of the instructor.

Three hours lecture, two hours lab per week.

3030. MICROBIOLOGY. (5)

An introduction to the biology of bacteria, fungi, and viruses. The ecological importance of these forms to man in industry, agriculture, and medicine is stressed.

Prerequisites: BIO 1010, 1020; CHE 1030, 1040. Exceptions with consent of instructor.

Three hours lecture, four hours lab per week.

3040. HISTOLOGY. (4)

The study of tissues. Course emphasizes the study of animal tissues, particularly mammalian.

Prerequisites: BIO 1010, 1020, 2060; CHE 1030, 1040. Exceptions with permission of the instructor.

Three hours lecture, two hours lab per week.

3060. GENETICS. (4)

The study of genetics including mitosis, meiosis, recombination, Mendelian genetics, sex determination, sex-linkage, pedigrees, chromosome mapping, chromosome abnormalities, DNA replication, protein synthesis, a brief introduction to bacterial and viral genetics, gene mutation, and population genetics. There is an emphasis on problem solving and human genetics.

Prerequisites: BIO 1010, 1020, 2040, 2060; CHE 1030 and 1040. Exceptions with permission of the instructor.

Three hours lecture, two hours lab per week.

3080. LOCAL FLORA AND TAXONOMY. (4)

Study and identification of native plants, including the principles of classification and environment relationships.

Prerequisite: BIO 2040. Exceptions with consent of instructor.

Three hours lecture, four hours lab per week.

3090. DEVELOPMENTAL BIOLOGY. (4)

The study of development patterns of the sea urchin, fish, frog, chick, and mammal. Attention is given to the possible means of differentiation at the cellular and molecular levels.

Prerequisites: BIO 1010, 1020, 2060; CHE 1030, 1040. Exceptions with permission of the instructor.

Three hours lecture, two hours lab per week.

3110. ENTOMOLOGY. (4)

A field and laboratory study of the morphology, physiology, and life history of insects. Principles of ecology, taxonomy, and pest control mechanisms are considered.

Prerequisites: BIO 1010, 1020, 2060. Exceptions with consent of instructor.

Two hours lecture, four hours lab per week.

3120. CELL BIOLOGY. (3)

A study of the structure and function of cells, including physiological and chemical processes at the cellular and molecular levels.

Prerequisites: BIO 1010, 1020, 2060. Exceptions with consent of instructor.

3180. PARASITOLOGY. (4)

A study of the incidence, morphology, life history, control, and pathology of helminths and parasitic protozoa commonly found in man and animals.

Prerequisites: BIO 1010, 1020, 2060. Exceptions with consent of instructor.

Three hours lecture, three hours lab per week.

3190. PLANT ANATOMY. (4)

A survey of the comparative structures, reproductive biologies, and life histories of major plant groups, including liverworts, mosses, ferns, gymnosperms, and angiosperms.

Prerequisites: BIO 1010, 1020, 2040. Exceptions with consent of instructor.

Three hours lecture, three hours lab per week.

3200. PLANT PHYSIOLOGY. (3)

An introduction to the physiological basis of plant phenomena and investigation of the flow of energy and materials through biochemical pathways. Topics will include photosynthesis, secondary compounds, energy budgets and metabolism, transpiration, hormones and mineral nutrition; photoperiodism, vernalization, and dormancy.

Prerequisites: BIO 1010, 1020, 2040. Exceptions with consent of instructor.

Three hours lecture per week.

3220. ICHTHYOLOGY. (4)

A study of the morphology, classification, ecology, and evolution of fishes with an emphasis on freshwater and brackish-water species of the southeastern United States.

Three hours lecture, three hours lab per week.

Prerequisites: Junior standing and BIO 2040, 2060, CHE 1030, 1040 or permission of the instructor.

3250. INTRODUCTION TO CONSERVATION BIOLOGY. (3)

Causes and consequences of extinction of biological species and loss of intact ecosystems. The ways and means for preventing unnecessary loss of life-resources will be discussed.

Prerequisites: BIO 1010, 1020, 2040, 2060. Exceptions with consent of instructor.

3350. BIOMATERIALS.

See CHE 3350.

3400. ISSUES IN BIOETHICS. (3)

A seminar-format examination of the theories and principles of bioethics and a brief survey of the major events in the development of this discipline. The application of these principles to specific issues in reproduction, death and dying, genetics, and biotechnology will be explored through discussions, role playing situations, written case studies, specific reading, oral presentations, and an in-depth, balanced written analysis of a particular issue by each student.

Prerequisite: BIO 1010 and junior/senior status or permission of the instructor.

Approved as an IS (Integrative Studies) course.

3450. FRESHWATER BIOLOGY. (4)

A study of the physical, chemical, and biological parameters that affect both freshwater impoundments and flowing waters. Laboratory will emphasize assessment of local sites.

Prerequisites: BIO 1010, 1020, 2040, 2060, and CHE 1030. Exceptions with consent of instructor.

Three hours lecture, four hours lab per week.

3500. MEDICAL TERMINOLOGY. (2)

Utilization of the Damon/Dean Vaughn Teaching System to learn, pronounce, and apply prefixes, roots, and suffixes that combine to form medical terms.

3900. FIELD STUDIES. (1-4)**3950. ISSUES IN BIODIVERSITY CONSERVATION. (3)**

Meaning of "biodiversity," how it is measured, why it is threatened, what types of conservation strategies and programs exist, and how different cultures and subcultures value it. An emphasis is placed on travel and field experiences to encourage a real comprehension of the complexities and challenges of biodiversity conservation.

Prerequisite: BIO 1010. Exceptions with consent of instructor.

Approved as an IS (Integrative Studies) course.

3990. SPECIAL TOPICS. (1-4)

Variable subject content.

4050, 4060. INTERNSHIP. (1-6, 1-6)**4100. GENE CLONING/BIOTECHNOLOGY. (3)**

A study of the current experimental methods and applications of gene cloning and biotechnology. Applications include examples from medical, pharmacological, agricultural, and industrial fields.

Prerequisite: CHE 3030. Exceptions with permission of the instructor.

4140. ECOLOGY. (4)

A study of the dynamics of the interrelationships between animal and plant occupants of communities; field work done in Marshall Forest.

Prerequisites: BIO 1010, 1020, 2040, 2060. BIO 3080 and EAS 2020 recommended. Exceptions with consent of instructor.

Three hours lecture, four hours lab per week.

4200. IMMUNOLOGY. (3)

A systematic survey of the human immune system. Topics include the structure and function, as well as cellular and molecular aspects of the immune system. The course will also include the response of the immune system to disease and disorders.

Prerequisites: BIO 1020, BIO 3060, CHE 1040

Recommended course(s): BIO 3210

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)**4340. EVOLUTIONARY BIOLOGY. (3)**

A comprehensive introduction to the field of evolutionary biology as the central unifying theme in biology. Topics covered include the historical development of evolutionary theory, evidence of evolution, Darwinian natural selection, microevolutionary and macroevolutionary patterns of change, adaptation, speciation, sexual selection, kin selection, and life-history evolution. It also examines the applications of evolutionary biology to conservation biology and medicine.

Prerequisites: Senior standing and BIO, 2040, 2060, 3060, and 4140 or permission of the instructor.

GULF COAST RESEARCH LABORATORY SUMMER COURSES

- Aquaculture
- Marine Biology
- Marine Fisheries Management
- Marine Ichthyology
- Marine Invertebrate Zoology
- Marine Mammals
- Marine Microbiology
- Marine Phycology
- Marine Science: Marine Biology
- Marine Science: Oceanography
- Salt Marsh Plant Ecology
- Special Topics

BUSINESS ADMINISTRATION (BUS)**1010. INTRODUCTION TO BUSINESS. (3)**

An overview of business as a field of study. Selected topics include the business environment, management and human resources, marketing, finance, international trade, and related fields. Recommended as a general elective for students considering a major in a business field.

2510. BUSINESS COMPUTER APPLICATIONS I. (3)

An intensive, hands-on study of the business uses of such major application software as spreadsheet, professional presentation, and database management systems.

Prerequisite: CIS 1010.

3200. BUSINESS FINANCE. (3)

Study of objectives, tools, methods, and problems of financial management, financial analysis, planning, control, sources/uses of funds, and capital budgeting decisions.

Prerequisite: ACC 2020.

3210. PERSONAL FINANCE. (3)

A practical investigation into the principles of managing one's personal financial affairs.

3230. FINANCIAL MARKETS AND INSTITUTIONS.

See ECO 3230.

3300. PRINCIPLES OF MANAGEMENT. (3)

A study of management theory and practice and the role of managers in today's organizations. Topics include an overview of modern management, the historical development of management, and the traditional management functions of planning, organizing, staffing, leading, and controlling.

3360. BUSINESS COMMUNICATIONS. (3)

A study of the techniques available and used for oral and written communication in the business environment as firms relate to the employee, the customer, the public, and others.

3390. ORGANIZATIONAL BEHAVIOR. (3)

A study of the application of behavioral science toward understanding, predicting, and influencing both individual and group behavior in organizations. Areas of focus include personality, attitudes and values, perception, motivation, and group dynamics.

Prerequisite: BUS 3300.

3400. PRINCIPLES OF MARKETING. (3)

A basic marketing course emphasizing in detail the components of the marketing mix, target marketing, marketing environment, and marketing's role in society. This course also gives an overview of advertising, consumer behavior, marketing research, and retail management.

Prerequisite: ACC 2020; ECO 2100 or 2110.

3450. INTERNATIONAL MARKETING. (3)

An advanced marketing class exploring from a strategic marketing management perspective the basic marketing concepts developed in BUS 3400 which pertain to international marketing. Emphasis will be on class discussion and analysis of case problems.

Prerequisite: BUS 3400.

3460. E-COMMERCE. (3)

A study of the commercial opportunities created by information technology and the Internet. This course examines the key features of electronic commerce, explores its contribution to the improvement of marketing and management efforts, and identifies the requirements for its application to fundamental business processes and strategies.

Prerequisite: BUS 3400.

3520. LEGAL ENVIRONMENT OF BUSINESS I. (3)

An introduction to the foundations of the American legal system and a survey of the public, private, employment, regulatory, and international aspects of modern business law.

Prerequisites: ACC 2020, ECO 2100 or 2110, junior standing.

3530. LEGAL ENVIRONMENT OF BUSINESS II. (3)

A continuation of BUS 3520 to include an investigation of additional areas of the law that impact business decision-making. Legal topics included on the CPA exam will be emphasized.

Prerequisite: BUS 3520.

3540. NEGOTIATION AND CONFLICT MANAGEMENT. (3)

Historical overview of conflict management and resolution, with emphasis on contemporary processes, psychodynamics of conflict, cross-cultural aspects, and win-win principles. The course provides an understanding of the evolution of conflict management and applications of its various forms.

3580. STATISTICS FOR BUSINESS AND ECONOMICS. (3)

A study of methods of collecting and analyzing data for business and economic decision-making purposes. The course includes sampling, frequency distribution, dispersion, correlation, probability, time series analysis, and statistical inference.

Prerequisites: MAT 1110 and BUS 2510.

3590. QUANTITATIVE METHODS. (3)

Statistical estimation; statistical decision making; regression and correlation; cross-section and time series analysis. Decision theory, mathematical programming, and deterministic and probabilistic models are also included.

Prerequisite: BUS/ECO 3580.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4050, 4060. INTERNSHIP. (1-3, 1-3)

Practical experience and training with selected business or government institutions.

Prerequisite: Senior standing, by invitation only.

4190. APPLIED MANAGEMENT. (3)

Development of the ability to effectively evaluate critical management issues and make decisions based on situational assessments. This course will follow a case-study format and involve open discussion, written analysis and formal presentations.

Prerequisite: Bus 3300.

4230. FINANCIAL INVESTMENTS. (3)

A study of investment strategies, markets, and instruments used by both businesses and individuals. Attention is focused on financial goals and strategies used to achieve these goals.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)**4310. HUMAN RESOURCE MANAGEMENT. (3)**

A study of the principles and techniques utilized to effectively manage the human resource/personnel department of a modern organization. Topics include human resource planning, equal employment opportunity, recruitment and selection, training and development,

compensation and benefits, safety and health, and employee relations.

Prerequisite: BUS 3300.

4320. PRODUCTION AND OPERATIONS MANAGEMENT. (3)

Application of management procedures and techniques to the analysis, operation, and control of production methods and procedures.

Prerequisites: BUS 3300.

4350. BUSINESS ETHICS. (3)

A study of the moral dimension of business decision-making and the relevance of Christian ethics in the business environment. Textual material and case analyses are utilized to examine issues useful in balancing the welfare of a business organization with that of society.

Prerequisite: Senior standing.

4380. SMALL BUSINESS ENTREPRENEURSHIP. (3)

A study of the creation and management of small firms, with a strong emphasis on entrepreneurial and new venture processes, as well as coverage of managerial activities needed for successful operations of small firms.

Prerequisite: BUS 3300.

4400. CONSUMER BEHAVIOR. (3)

A study of consumer and buyer behavior and the various factors that influence that behavior. The course emphasizes a study of the relevant concepts used to explain consumer behavior.

Prerequisite: BUS 3400.

4420. ADVERTISING. (3)

A basic survey of the field of advertising with emphasis upon advertising as communication, as a promotional tool within the marketing realm, and its economic and social effects.

Prerequisite: BUS 3400.

4440. RETAILING. (3)

A comprehensive study emphasizing the specific activities of retail management including the areas of location, pricing, merchandising, personnel selection, promotion, and customer service.

Prerequisite: BUS 3400.

4450. MARKETING RESEARCH. (3)

A study of research techniques utilized in solving marketing problems encountered by business management.

Prerequisites: BUS 3400, 3580.

4500. INTERNATIONAL BUSINESS. (3)

A survey of the impact of the globalization of our economy on the various fields of business. The course is a combination of lectures, seminars, and case studies.

Prerequisite: B.B.A. senior status.

4520. FRAUD AND THE LAW. (3)

Fraud-fighting professionals must understand the laws governing a fraud investigation as it moves through the US legal system. This course examines the numerous legal issues associated with conducting fraud investigations including the federal rules of civil and criminal procedure along with issues involving discovery and evidence admissibility.

4530. WHITE COLLAR CRIME. (3)

This course examines the US criminal justice system along with its response to the escalating incidence of white-collar crime. Other topics include understanding human behavior, theories of crime causation, organization crime, occupational crime, and the constitutional rights of white-collar criminals.

4600. STRATEGIC MANAGEMENT/POLICY. (3)

A study of the strategic management process used to define an overall direction for the business organization. Textual material and case analyses are utilized to provide students the opportunity to integrate and apply knowledge from other business courses toward formulating, implementing, and evaluating a strategy for organizational success.

Prerequisites: BUS 3200, 3300 3400 and B.B.A. senior status.

4750. EXIT EXAM: WRITTEN. (0)**CHEMISTRY (CHE)****1030. GENERAL CHEMISTRY I. (4)**

An introduction to the nature of matter and its transformations. Atoms and compounds, qualitative and quantitative aspects of chemical reactions, and the electronic and geometric structures of molecules are studied.

Three hours lecture, three hours lab (CHE 1031) per week.

1040. GENERAL CHEMISTRY II. (4)

How far and how fast chemical reactions go. Kinetics and equilibrium are studied and used to make both qualitative and quantitative predictions about acid base, precipitations, and oxidation-reduction reactions.

Prerequisite: CHE 1030.

Three hours lecture, three hours lab (CHE 1041) per week.

2010. QUANTITATIVE ANALYSIS. (4)

An introduction to the theory and practice of chemical analysis.

Prerequisite: CHE 1040.

Three hours lecture, three hours lab per week.

2990. SELECTED TOPICS. (1-4)

Variable subject content.

3030, 3040. ORGANIC CHEMISTRY I, II. (4, 4)

The chemistry of carbon and its compounds from methane to proteins. Identification, synthesis, reactions, and properties are discussed.

Prerequisite: CHE 1040.

Three hours lecture, three hours lab per week.

3060. INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS. (4) *

A survey of modern chemical instrumentation and applications to chemical analysis; identification and quantification of trace substances especially as related to the environment.

Prerequisite: CHE 2010.

Three hours lecture, three hours lab per week.

3350. BIOMATERIALS. (3) *

A survey of biological polymeric materials, their properties, and their environmental impact. These include materials of relevance to medicine (e.g. sutures, artificial organs), biochemistry (e.g. collagen), electronics (e.g. semiconductors), and others.

Prerequisite: CHE 3030.

3360. ENVIRONMENTAL CHEMISTRY. (3)

The chemical processes that affect stratospheric ozone, global temperature, air quality, and water quality; the sources, toxicology, and environmental fate of selected pollutants; and human activities that affect human health and environmental quality.

Prerequisite: CHE 1040.

3900. FIELD STUDIES. (1-4)**3990. SPECIAL TOPICS. (1-4)**

Variable subject content.

4010, 4020. PHYSICAL CHEMISTRY I, II. (4, 4)

A detailed study of the properties of matter in the gaseous, liquid, and solid states through homogeneous and heterogeneous equilibria, kinetics, thermodynamics, the phase rule, electrochemistry, and atomic and molecular structure.

Prerequisites: PHY 1030, 1040; MAT 2510, 2520; CHE 1040. CHE 2010 is recommended.

Three hours lecture, three hours lab per week.

4030. INORGANIC CHEMISTRY. (3) *

A detailed study of bonding and structure and their relationship to the observed physical and chemical properties of all types of matter. The solid state and solutions are emphasized.

Prerequisites: CHE 1040. CHE 2010, 3030, and 4010 are recommended.

4110, 4120. BIOCHEMISTRY I, II. (3, 3)

An introduction to the chemistry of living things. Topics include protein structure and function, enzyme kinetics, metabolism, antibody structure and function, DNA replication, DNA transcription, RNA translation, and topics in molecular biology.

Prerequisite: CHE 3030.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

**offered in alternate years*

CHINESE (CHI)

1010. ELEMENTARY CHINESE I (3)

Fundamentals of pronunciation, grammar, conversation, and reading of texts of graded difficulty.

Three hours lecture, one hour lab per week.

COMMUNICATION ARTS (COM)

1010. ORAL COMMUNICATION. (3)

A study of speech as a basic means of communication with informal talks, reports, and discussion. The course emphasizes public speaking, listening, and organizational skills. Attention is given to improvement in voice and diction.

1801, 2, 5, 6 – 1811, 2, 5, 6. MEDIA/FORENSICS LABS I, II (1,1)

Includes hands-on experience in newspaper and newsletter production, televised radio station board operation, video practice with electronic information gathering, editing and producing, as well as study and participation in debate and public speaking events such as oral interpretation of literature, prepared speaking, and limited preparation events. The specific area will be designated by the final digit of the course number (1 = Newspaper, 2 = Broadcast, 5 = Forensics, 6=Yearbook). The course may be registered at higher levels for additional credit. Labs will count as 1 hour credit for a maximum of four hours allowed toward major. Student will choose 2 of 5 labs and must take sections 1 and 2 consecutively or with permission of instructor. No more than 8 hours can be applied toward major.

2000. SURVEY OF MASS MEDIA. (3)

Survey of the history, theory and process of mass communications, and their relationship to institutions of society. A broad range of media will be analyzed, including newspapers, magazines, books, radio, motion pictures, television, Internet as well as the trend toward convergence of studied media. Some laboratory work in departmental activities may be included.

2010. SEMINAR I: COMMUNICATION STYLES. (1)

Exploring human behavior as it relates to communication styles and interaction dynamics.

2100. INTERPERSONAL COMMUNICATION. (3)

A study of the communication process that involves exchanging messages and negotiating meaning to convey information and to establish and maintain relationships. Topics include self-awareness, listening, conversation management, nonverbal and verbal communication skills. Emphasis is given to enhancing interpersonal competence.

Prerequisite: COM 1010.

2150. DESKTOP PUBLISHING. (3)

An introduction to page layout and word processing on the Macintosh. Students will produce several projects including certificates, flyers, and a newsletter template. Course includes staff work for *The Periscope*.

Prerequisite: COM 1801.

2200. COPY EDITING. (3)

Selecting and preparing written materials and visual images for newspapers, magazines and other print media with an emphasis on advanced style and editing based on the AP Stylebook and Libel Manual. Prerequisite: COM 2400

2400. NEWSWRITING AND REPORTING. (3)

News writing for the print media. Course includes in-depth study of the inverted pyramid, Associated Press style, and interview techniques. Course includes staff work for *The Periscope*.

Prerequisite: COM 1801 or permission of instructor.

3000. SPORTS WRITING. (3)

Writing sports stories, features and columns across converging media. A study in sports reporting including analysis of historic sports reporters, sports information specialists and others. Prerequisite: COM 2400 or SPS 1500

3010. SEMINAR II: COMMUNICATION CAREERS AND PORTFOLIO BUILDING. (2)

Selected topics including careers, job-seeking skills, resume writing, interviewing, preparation for internships, and professional portfolio building. Required of all junior Communication Studies and Media Studies majors.

3020. PUBLIC RELATIONS. (3)

The fundamental concepts and skills of public relations. Topics to be covered include audiences, ethical and legal concerns, crises, and case studies. Students will design a campaign for a local organization.

Prerequisites: COM 2400 and COM 1801.

3050. MEDIA LAW AND ETHICS. (3)

A survey of freedom of speech and press. Topics include the First Amendment, the legal system, libel, privacy, and copyright law. Self-censorship and ethical concerns also will be discussed.

3080. ORAL INTERPRETATION. (3)

Study and appreciation of literature through effective oral presentation, based on literary, psychological, communicative, and aesthetic analysis.

3090. GROUP PERFORMANCE OF LITERATURE. (3)

Classroom and applied experiences in various modes of group performance of literature, including Readers Theatre. Course focuses on the selection, adaptation, rehearsal, directing and performance of prose, poetry, dramatic literature, and compiled scripts.

3150. SMALL GROUP AND TEAMBUILDING COMMUNICATION. (3)

The theory and techniques of cooperative deliberations in groups to explore and solve problems. Training will be offered in leadership and participant skills and responsibilities, including agenda setting, parliamentary procedure, and evaluation. Emphasis will be placed on sharing leadership to create teamwork, achieve team visions and meet team challenges.

3200. SCRIPTWRITING FOR THE ELECTRONIC MEDIA. (3)

Developing the broadcast style of writing for radio commercials, television story boards and shooting scripts, writing broadcast style narration for slide productions, treatment and shooting script for educational, instructional, or promotional non-broadcast television programs. Course includes staff work at WSOS.

3250. COMMUNICATION CRITICISM. (3)

Theoretical and critical approaches to understanding public discourse in the forms of speeches, songs, films, television and other such acts of public communication. Instructor and students select a public communication form for greater in-depth analysis.

3315. INTERVIEWING. (3)

Examines how individuals in business, research, and media professions seek information from one another through the Socratic interview method, the asking and answering of questions to ascertain truth. Interviewing is a purposeful, planned form of interpersonal communication, where inquiry and response are involved in dyadic interaction that is different than conversation. Employment, counseling, journalistic, disciplinary, and performance appraisal interviews are the focus. Emphasis is on both theory and application of skills needed to be effective whether one's role is as interviewer or interviewee.

3350. INTERCULTURAL COMMUNICATION. (3)

The systematic study of intercultural contacts and interactions the communication process involving culturally diverse people. The goal will be to discover ideas and information that can help students achieve competence in intercultural communication. Discussion will include important ethical and social issues for intercultural communicators.

3366. NONVERBAL COMMUNICATION. (3)

Provides the student with the foundations of nonverbal communication expressed in terms of expectations and unwritten rules. Various subcodes of nonverbal communication are explored and applied, via assignments, to the student's life.

3400. PUBLICATION DESIGN. (3)

Principles and theories of layout and design using Macintosh word processing, layout and graphics programs. Students in the class will create a variety of publications, such as brochures, ads and flyers. Course includes advanced staff work for *The Periscope*.

Prerequisite: COM 2400.

3410. WRITING FEATURES AND MAGAZINE ARTICLES. (3)

An in-depth study of diverse forms of written communication, with particular emphasis on feature stories and magazine articles. The special skills and methods required in the writing of editorials, columns, and commentaries are also examined. Course includes staff work for

the student newspaper, *The Periscope*, and/or the yearbook, *Argo*.

Prerequisite: COM 2400 or permission of the instructor.

3420. PUBLIC RELATIONS WRITING (3)

Writing for internal and external audiences, news releases in various formats, and other specialized writing done regularly by public relations professionals.

Prerequisites: COM 2000, 2400, 3020, 3400.

3450. ORGANIZATIONAL COMMUNICATION. (3)

Focused on organizations made up of complex networks of relationships. The course will recognize the centrality of communication to the modern organization and how advancing technology has altered the ways people interact in organizations, fostering the effective communication skills expected in the contemporary organization. An overarching goal will be to isolate characteristics that may contribute to an empowering organizational culture. Through a modified training and consulting model, successful identification of communication problems and appropriate correction of communication failures will result.

3500. COMMUNICATION THEORY. (3)

An in-depth examination of the major mass and speech communication theories that form the basis for the discipline, and stimulation of further curiosity and research in the field. Emphasis is on both social scientific and humanistic study.

3510. MEDIA MANAGEMENT. (3)

Study of management theory and management styles employed in electronic and print media. Topics include ad sales, federal regulation, and responsibilities to society, community and stockholders. The course will also cover media convergence and study of new media and its implications for the future of the arts and entertainment industry.

3700. WEB DESIGN. (3)

An introduction to designing and building effective web sites with an emphasis on design theory, structure and content.

Prerequisite: COM 2150 and COM 3400

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4000. RESEARCH METHODS IN COMMUNICATION. (3)

An intense study of research methodology used to study mass and speech communication phenomena. Emphasis is on both public and private sector research procedures as well as both quantitative and qualitative approaches.

4050. INTERNSHIP I. (3)

Prior to signing for the internship, the student should have completed all 2000-level courses in the major work and a minimum of 50% of the 3000-level or above major courses, with particular emphasis on specific skills needed for the internship.

Required for all majors. Open to Communication Leadership and Public Relations majors only.

4060. INTERNSHIP II. (3)

Completed at a different site from Internship I. Students will be encouraged to complete a second off-campus, professionally-supervised learning opportunity, where feasible. Up to six hours in Internship may count toward major requirements for graduation.

Open to Communication Leadership and Public Relations majors only.

4100. BUSINESS AND PROFESSIONAL SPEAKING. (3)

Analysis of and practice with the public presentations which play a vital role in sharing information and guiding actions within organizations. The course will teach the skills necessary to speak effectively and to demonstrate communication competence during various kinds of public speaking, including short informative, persuasive, ceremonial and media presentation efforts.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)**4300. PUBLIC RELATIONS CASES. (3)**

Strategy and implementation of acquired communication skills for a variety of clients. Emphasis on case studies and projects completed for on- and off-campus groups and organizations.

Prerequisites: senior status, COM 2000, 2400, 3020, 3040, 3420.

4350. CONFLICT MANAGEMENT. (3)

Applied strategies for relationships, groups and organizations faced with working through conflict. This course will focus on process, language use, the structure of discourse, and cultural trends. Emphasis will be on interpersonal and organizational conflict and how to manage it in an appropriate and effective manner.

4429. PERSUASION. (3)

Theories and theorists of persuasion and social influence from the Classical Age extended through present day empirical research are studied in great depth.

4900. SENIOR CAPSTONE. (3)

Designed to assist the senior-level student in executing scholarly research or developing a project in an area of academic and professional interest. Goals of this research/project are to explore a specific aspect of communication in great depth, to experience the formal research process, and to provide the student with tangible proof of his or her research/development capabilities. Required of all Communication Studies and Media Studies majors. Prerequisites: Senior-level status and COM 4000.

COMPUTER INFORMATION SYSTEMS (CIS)**1000. BASIC COMPUTER TECHNOLOGY. (2)**

An online course that provides the student with a broad overview of modern information technologies. A strong emphasis is placed upon hands-on experience with word processing, spreadsheet, presentation software packages, as well as online research methodologies.

2020. PRINCIPLES OF COMPUTER INFORMATION SYSTEMS. (3)

An introduction to the computer information technology profession. Topics include hardware, software, data communications and networks, the Internet, system development, ethical issues, programming logic, algorithms, and structures.

2030. VISUAL BASIC.

Programming in Visual Basic with applications to business, science, and the humanities. Topics include computer organization, flowcharting, data handling, and computer applications.

Prerequisite: MAT 1110, or departmental consent. Cross-listed with MAT 2030.

2050. INTRODUCTION TO COMPUTER SCIENCE I. (3)

An introduction to problem-solving methods that lead to the development of correct, well-structured programs in an object oriented environment.

Prerequisite: Any core math course or higher.

2060. INTRODUCTION TO COMPUTER SCIENCE II. (3)

A continuation of programming principles begun in CIS 2050 with emphasis on object oriented methods and data modeling. Topics include analysis of algorithms and important examples of data structures such as strings and lists.

Prerequisite: CIS 2050.

2400. INTRODUCTION TO PROGRAMMING (3)

Utilizes a high level object oriented language to introduce basic computer programming constructs. Topics include computer organization, programming structure and syntax, graphics, program flow, decision structures, simulations and algorithmic development.

Prerequisite: MAT 1110 or departmental consent. Cross-listed with MAT 2400.

3030. GEOGRAPHIC INFORMATION SCIENCE (3)

A multidisciplinary course providing an introduction to the concepts, principles and applications of Geographic Information Systems (GIS) technologies in a real world setting. The course will examine the theory and application of geographic information including spatial analysis, data acquisition and synthesis, data management, and information visualization. Emphasis is placed on the interdisciplinary nature of GIS. The course incorporates a hands-on pedagogy, requiring an in-depth comprehension of the hardware and software tools utilized by GIS in real-world problem description and resolution.

Approved as an IS (Integrative Studies) course.

3050. COMPUTER GRAPHICS. (3)

Principles of computer graphics with emphasis on the application of graphical technologies within the IS discipline.

Prerequisite: CIS 2050.

3100. PROJECT MANAGEMENT. (3)

An introduction to the principles and applications of project management techniques with an emphasis on the design and management of computer information systems projects. Topics include project planning, work team design, project estimation techniques, project reporting, identifying and controlling project risks, budgets, and quality assurance.

Prerequisite: CIS 2050.

3140. WEB SITE DEVELOPMENT AND PROGRAMMING. (3)

Methods for the construction and deployment of Internet based solutions. Tools and languages are introduced and applied to real world e-business technologies and solutions.

Prerequisite: any core math course or higher.

3210. SOFTWARE ENGINEERING. (3)

An introduction to principles of commercial software development using a high-level programming language. Group-oriented projects are emphasized.

Prerequisites: CIS 2060.

3300. COMPUTER ORGANIZATION AND ARCHITECTURE. (3)

An introduction to hardware and software components of computer systems. Topics include machine organization, assembly language, and comparative machine architecture. Hands-on work with modern computer systems is included.

Prerequisite: Any core math course or higher.

3500. DATA COMMUNICATIONS AND NETWORKS. (3)

An introduction to the theory and applications of data communications. Topics include communication media, encoding systems, data security and integrity, network topologies, network protocol concepts, Internet protocols, and routing.

Prerequisite: Any core math course or higher.

3550. DATA STRUCTURES/ALGORITHMS. (3)

An introduction to data structures, with an emphasis on object-oriented methods and data modeling. Building on the foundation provided by CIS 2050/2060, topics include files, arrays, records, lists, stacks, trees, and graphs and important analysis of efficient algorithms for implementation and manipulation.

Prerequisites: CIS 2060.

3750. INFORMATION SECURITY. (3)

An introduction to various technical aspects of information security technology, providing a foundation for understanding the key issues associated with protecting information assets, determining the levels of protection, and response to security incidents.

Prerequisite: CIS 3500.

3990. SPECIAL TOPICS. (1-4)

Variable subject content.

4050. INTERNSHIP. (1-3)

A supervised work experience program for one semester at a site in business, industry or government. For sophomores, juniors, or seniors who wish to obtain on-the-job experience in conjunction with their academic training.

Prerequisite: departmental approval.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)**4300. SYSTEMS ANALYSIS AND DESIGN. (3)**

Software systems development includes project planning and implementation; elicitation and specification of user requirements; graphical modeling of objects, data, and processes; and design of data structures, user interfaces, and system behaviors. A team project with a client in the community is required.

Prerequisite: CIS 4550.

4400. IS RESOURCE MANAGEMENT AND POLICY. (3)

Intended as a senior capstone experience for CIS majors focusing on the strategic and operational management of IS resources, technology, and people.

Prerequisite: CIS 4300.

4550. DATABASE SYSTEMS. (3)

Introduction to the database management systems, database processing, data modeling, database design, development, and implementation. Contrasts alternative modeling approaches. Includes implementation of current DBMS tools and SQL.

Prerequisites: CIS 2060.

4600. OPERATING SYSTEMS. (3)

An introduction to fundamental operating systems concepts. Emphasis will be on the interfaces supplied by operating systems. Topics include job scheduling, memory management, and process interactions.

Prerequisites: CIS 3300, 3500.

4750. INTEGRATED PROJECT. (3)

A senior capstone project for CIS majors, combining critical content elements from the major core into a substantive implemental solution. Applications should combine multiple technologies into a coherent solution.

CRIMINAL JUSTICE (CRJ)**3070. INTRODUCTION TO CRIMINAL JUSTICE. (3)**

A study of topics such as the police, courts, and prison systems, and career opportunities in the criminal justice field.

3080. CRIMINOLOGY. (3)

A study of the causes of adult and juvenile crime; court and institutional provisions for handling criminals; newer theories of treatment and the necessary facilities for doing so.

3300. JUVENILE DELINQUENCY.

See SOC 3300.

3320. CORRECTIONS IN AMERICA. (3)

An analysis of correctional systems, along with probation/parole, and community reintegration procedures involving halfway houses, community treatment, and the use of volunteers.

3340. INTRODUCTION TO CRIMINAL INVESTIGATIONS. (3)

A study of investigative theory and the collection and preservation of evidence. The course will also focus on sources of information, interview and interrogation procedures, the use of forensic sciences, and case/trial preparation.

3410. CRIMINAL LAW. (3)

A study of the principles and major features of criminal codes and the rights of the accused person, with an emphasis on Georgia.

3420. CONSTITUTIONAL LAW. (3)

An introductory study of the Constitution of the United States and Bill of Rights, and a survey of landmark decisions of the United States Supreme Court. The course will focus on the impact of these decisions on every day life of the citizen.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

EARTH SCIENCE (EAS)

2010. PHYSICAL GEOGRAPHY. (4)

Man and the quality of the environment, including spatial relations, map reading and making, climate, land forms and the processes that create them. Field trips may be required.

Three hours lecture, two hours lab per week.

2020. GEOLOGY. (4)

Introduction to earth materials with emphasis on processes that affect them, internal processes and their effects, geologic time and earth history. Field trips will be required.

Three hours lecture, two hours lab per week.

2990. SELECTED TOPICS. (1-4)

Variable subject content.

3060. ENVIRONMENTAL GEOLOGY. (3)

Current topics in environmental geology, aspects of mining, groundwater; mineral and fuel resources and conservation, geological engineering, pollution.

3100. NATURAL HAZARDS. (3)

An interdisciplinary course covering natural hazards such as earthquakes, volcanoes, tsunamis, tornadoes, and hurricanes. Historical disasters and their consequences will

be examined in an effort to understand the processes that cause them and how their effects can be mitigated.

Approved as an IS (Integrative Studies) course.

3200. EVOLUTION OF THE EARTH. (3)

See NAS 3200

Approved as an IS (Integrative Studies) course.

3250. INTRODUCTION TO CONSERVATION BIOLOGY.

See BIO 3250.

3540. ENVIRONMENTAL QUALITY.

See NAS 3540.

3900. FIELD STUDIES. (1-4)

3990. SPECIAL TOPICS. (1-4)

Variable subject content.

4140. ECOLOGY.

See BIO 4140.

4250, 4260. INDEPENDENT STUDY. (1-3), (1-3)

ECONOMICS (ECO)

1010. ECONOMICS OF SOCIAL ISSUES. (3)

An introduction to the study of economics, providing a framework of basic economic concepts and analytical tools useful in the analysis of human problems. Social issues of current interest will be discussed, and the economic ideas germane to each will be developed. The topical content will include such issues as world poverty, crime, and pollution.

Not recommended for Accounting, Business Administration or Economics majors.

2100. PRINCIPLES OF MICROECONOMICS. (3)

An introduction to the fundamental tools and terms of modern economics, focusing on the individual components of the American economic system: households, firms, and markets.

2110. PRINCIPLES OF MACROECONOMICS. (3)

An introduction to the study of the aggregate economy, including national income accounting, the theories of consumption and investment, and analyses of the effects of fiscal and monetary policy.

3100. INTERMEDIATE MICROECONOMIC THEORY. (3)

A course in contemporary theory offering economic analyses of the decision problems facing the individual consumer and the individual firm, with the applications of such analyses to questions of social welfare and public choice.

Prerequisite: ECO 2100.

3110. INTERMEDIATE MACROECONOMIC THEORY. (3)

The measurement of national income, employment theory, and theories of interest, investment and consumption. Course includes an analysis of government expenditures, revenue, debt, and taxation.

Prerequisite: ECO 2110.

3150. MONEY AND BANKING. (3)

A study of money, credit, and banking, financial organizations and operations; the role of money and credit in the total economy.

Prerequisite: ECO 2110.

3160. MANAGERIAL ECONOMICS. (3)

The application of economic analysis to managerial decision problems. Topics include: demand estimation, production theory, cost determination, pricing, linear programming, project analysis, and profit analysis.

Prerequisite: ECO 2100.

3170. THE THEORY OF GAMES. (3)

A systematic, logical analysis of situations sometimes involving chance or skill, but always interaction among rational "players". Applications will be discussed from such fields as business and economics, politics, international affairs, military strategy and tactics, literature, sports, biology, and everyday life.

Prerequisite: Familiarity with basic high school algebra.

Approved as an IS (Integrative Studies) course.

3210. PERSONAL FINANCE. (3)

See BUS 3210.

3230. FINANCIAL MARKETS AND INSTITUTIONS. (3)

A study of microeconomic aspects of the structure, regulation, and operation of financial markets and institutions.

Prerequisite: ECO 2110.

3580. STATISTICS FOR BUSINESS AND ECONOMICS. (3)

See BUS 3580.

3590. QUANTITATIVE METHODS. (3)

See BUS 3590.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4130. PUBLIC ECONOMICS. (3)

An application of economic analysis to the study of government and collective action in general in a market economy. Topics include economic analysis of law, the contributions of the modern theories of public and social choice to the understanding of political processes, and the principles of taxation.

Prerequisite: ECO 1010, ECO 2100, or ECO 2110.

4180. COMPARATIVE ECONOMIC SYSTEMS. (3)

Description and analysis of economic goals, institutions, and policies in different countries with emphasis on the organizational principles and decision making structure.

Prerequisite: ECO 1010, ECO 2100, or ECO 2110.

4190. INTERNATIONAL ECONOMICS. (3)

Mechanism of world trade and balance of payments; common markets in Europe and Latin America; tariffs, quotas, and other impediments. The course considers the economic aspects of the population explosion; providing capital equipment for the undercapitalized nations.

Prerequisite: ECO 1010, ECO 2100, or ECO 2110.

4050, 4060. INTERNSHIP (1-3, 1-3)

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

4750. EXIT EXAM: WRITTEN. (0)

EDUCATION (EDU)

Bachelor of Music Education courses are found under Music (MUS), Music Activities (MUA), and Applied Music (ORG, PIA, and VOI) except for EDU 2950, EDU 3100, EDU 3200, EDU 3310, EDU 3320, and EDU 3330

2900. FOUNDATIONS OF EDUCATION. (3)

A study of the historical and philosophical foundations of education; a general overview of the dynamics of teaching and learning; the structure of the American educational system; as well as current educational issues and trends. A minimum of 20 hours of observation in local schools (primary, elementary, middle, and high schools) is required.

Prerequisite: GPA 2.25; an acceptable background check.

This course is a prerequisite to all EDU courses except EDU 2950 which may be a corequisite.

2950. TEACHER TECHNOLOGY. (3)

This course includes knowledge about and use of computers and related technologies in the integration of technology to support learning and assessment of instruction and to enhance teacher productivity.

Prerequisite: CIS 1010 (or exemption), GPA 2.25.

3100. EXCEPTIONAL LEARNERS. (3)

A study of the characteristics by which exceptional learners are identified and of the assessment and instructional strategies used.

Prerequisites: EDU 2900 or MUS 2500, GPA 2.25.

3200. EDUCATIONAL PSYCHOLOGY. (3)

A study of the major learning theories: behaviorism, cognitivism, and neobehaviorism; the nature of the learning process; and the application of psychological research to classroom learning.

Prerequisites: EDU 2900 or MUS 2500, GPA 2.25.

3250. MEASUREMENT AND EVALUATION. (3)

Concepts of measurement and evaluation, classroom test construction, creation and use of derived scores, selection and use of published measurement instruments, current issues.

3300. INTRODUCTION TO EARLY CHILDHOOD EDUCATION. (3)

Prerequisite to all methods courses (blocks) in early childhood education.

Historical, psychological, and sociological foundations of early childhood education; an analysis of current trends in the field; a study of program models for young children. Emphasis is on curriculum development and instructional planning. A minimum of 20 hours of observation and participation is required. This course is frequently taught in a local primary or elementary school.

Prerequisites: EDU 2900, GPA 2.50.

3350. HUMAN GROWTH AND DEVELOPMENT. (3)

The study of the basic concepts and principles of human development and behavior that lead to a better understanding of children and youth from conception through adolescence. A case study is required.

Prerequisites: EDU 2900 or MUS 2500, GPA 2.25.

3400. INTRODUCTION TO MIDDLE GRADES EDUCATION. (3)

Prerequisite to all methods courses (blocks) in middle grades education.

An examination of the middle grades/middle school concept. The course introduces the middle school child through an emphasis on current research and curriculum development and instructional planning.

A minimum of 20 hours of observation and participation is required. This course is frequently taught in a local elementary or middle school.

Prerequisites: EDU 2900, GPA 2.50.

3430. CHILDREN'S LITERATURE I. (3)

A survey of traditional and contemporary literature appropriate for children in the early childhood years. Guidelines for evaluation and selection of children's literature and studies of authors and illustrators are provided. All juvenile genres are included. Practicum is required.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3560, EDU 3570, EDU 3750, EDU 3860.

3450. INTRODUCTION TO SECONDARY EDUCATION

Historical, philosophical, and sociological foundations of secondary education; an analysis of curricular trends in secondary education; program models for secondary education. Emphasis is on instructional planning, curriculum development, and current research. A minimum of 20 hours of observation is required. This course is frequently taught in a local high school.

Prerequisites: EDU 2900, GPA 2.50.

3560. READING AND LANGUAGE ARTS I: EARLY CHILDHOOD. (3)

A study of the teaching materials and techniques used in reading and language arts in the early childhood grades with focus on the interrelatedness of speaking, listening, reading, and writing. Particular attention is given to teaching reading in the early childhood grades through literature and the related topics of reading readiness, program management, assessment, and the relationship between reading and child development. Practicum is required.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3430, EDU 3570, EDU 3750, EDU 3860.

3565. DIAGNOSTIC/CORRECTIVE READING. (3)

This course will focus not only on beginning reading teaching strategies but the diagnosis of reading problems and how to provide corrective reading skills in the early childhood classroom. Students will observe and practice strategies in the classroom and in actual school settings.

3570. READING AND LANGUAGE ARTS II: EARLY CHILDHOOD. (3)

A study of the teaching materials and techniques used to prevent, identify, and remediate reading problems in the early childhood grades with focus on matching problems with solutions. Particular attention is given to cultivating lifelong readers in the early childhood grades through literature and the related topics of student self-confidence, word attack skills and strategies (including phonics), reading comprehension, record keeping, technology, and home-school collaboration. Practicum is required.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3430, EDU 3560, EDU 3750, EDU 3860.

3580. MATHEMATICS I: EARLY CHILDHOOD. (3)

The mathematical sciences in the light of modern curricula for early childhood education. The major portion of the course is given to the materials and methods of teaching mathematical concepts at the primary school level. The remainder of the course is devoted to mathematical principles. Additional expenses may be incurred. Practicum is required.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3590, EDU 3820, EDU 3800, EDU 3880.

3680. METHODS IN READING AND LANGUAGE ARTS: SECONDARY EDUCATION. (3)

An examination of the reading and language arts skills needed by students in grades 7-12 for successful operation within the content areas, with attention given to methods, materials, and the relationship between adolescent development and the reading/language arts process in presecondary and secondary school settings. Practicum is required.

Prerequisites: EDU 2900, EDU 3450, GPA 2.50, Admission to the Teacher Preparation Program.

3700. CLASSROOM MANAGEMENT. (3)

Introduction of primary research and models of classroom management. This course focuses on the development of skills of effective classroom management to create a positive classroom structure that maximizes student learning. Students will develop techniques to increase desired student behaviors and decrease undesired behaviors. Students create an Action Plan of practical strategies to implement in the classroom.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3430, EDU 3570, EDU 3750, EDU 3860.

3710. LEGAL ISSUES IN EDUCATION. (3)

This course is designed to give preservice teachers an overview of the laws and legal issues that govern boards of education, schools, administrators, teachers, and students.

3720. DIVERSITY/MULTICULTURALISM. (3)

This course will focus primarily on theoretical and practical issues of diversity in classroom settings, especially related to culture, race, gender, ethnicity, language and socio-economic levels. Students will also gain a better understanding of the issues of multiculturalism and its impact on curriculum, instruction, and relationships in the educational community.

3755. CREATIVE ARTS AND HEALTH: EARLY CHILDHOOD. (3)

An integrated study of music and the visual arts combined with health and movement appropriate for students in the primary and elementary grades.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3560, EDU 3430.

3800. SOCIAL SCIENCE EDUCATION: EARLY CHILDHOOD. (3)

A study of the methods of teaching and the development in the social sciences in the elementary grades with attention given to sources of curricula, methods of instruction, and teaching skills that are essential for learning in social studies. Practicum is required.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3580, EDU 3590, EDU 3820, EDU 3880.

3815: SOCIAL SCIENCE EDUCATION: MGE/SE. (3)

A study of the methods of teaching and the development of curriculum in the social sciences with attention given to sources of curricula, methods of instruction, and teaching skills which are essential for learning. Practicum is required.

Prerequisites: EDU 2900, EDU 3400/3450, GPA 2.50, Admission to the Teacher Preparation Program.

3820. SCIENCE EDUCATION: EARLY CHILDHOOD. (3)

A critical survey of objectives, course content, and methods for various fields of science teaching in early childhood education. Practicum is required.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3580, EDU 3590, EDU 3800, EDU 3880.

3830. SCIENCE EDUCATION: MIDDLE GRADES. (3)

A critical survey of objectives, course content, and methods for various fields of science teaching in middle grades education including demonstrations and laboratory techniques. Practicum is required.

Prerequisites: EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3810, EDU 3850.

3831. SCIENCE EDUCATION: SECONDARY. (3)

A critical survey of objectives, course content, and methods for various fields of science teaching in secondary education including demonstrations and laboratory techniques. Practicum is required.

Prerequisites: EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3810, EDU 3850.

3840. CHILDREN'S LITERATURE, LANGUAGE ARTS AND READING: MGE (3)

A study of teaching materials and techniques used in middle grades language arts and literature programs with focus on the use of speaking, listening, reading and writing across the content areas; guidelines for evaluating juvenile literature; and studies of authors and illustrators. Practicum is required.

Prerequisites: EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3765.

3850. MATHEMATICAL EDUCATION: MIDDLE GRADES (3)

The mathematical sciences in light of modern curricula for middle grades. The major portion of the course is given to materials and methods of teaching mathematical concepts to middle grades students. A small portion of the course is devoted to mathematical principles. Practicum is required.

Prerequisites: EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program.

Corequisites: EDU 3811, EDU 3830.

3851. MATHEMATICAL EDUCATION: SECONDARY. (3)

The mathematical sciences in light of modern curricula for secondary grades. The major portion of the course is given to materials and methods of teaching mathematical concepts to secondary grades students. A small portion of the course is devoted to mathematical principles. Practicum is required.

Prerequisites: EDU 2900, EDU 3450, GPA 2.50, Admission to the Teacher Preparation Program.

3900. FIELD STUDIES IN EDUCATION (1-3)

Field studies under the direction of a college supervisor. Local school and community facilities may be used.

Prerequisites: EDU 2900, EDU 3300, 3400, or 3450, GPA 2.50, Admission to the Teacher Preparation Program.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

Prerequisites: EDU 2900, GPA 2.50, Admission to the Teacher Preparation Program.

4050. CURRICULUM, METHODS, AND EVALUATION: EARLY CHILDHOOD. (3)

A survey of the organization and content of the elementary school curriculum; a study of administrative organization, student grouping practices, effective methods, instructional planning, evaluation techniques, standardized testing procedures, record keeping, and progress reporting. Included in this course is an introduction to statistics necessary for effective analysis of educational practices.

Prerequisites: EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Corequisite: EDU 4110.

4060. CURRICULUM, METHODS, AND EVALUATION: MIDDLE GRADES. (3)

A survey of the organization and content of the middle school curriculum; a study of administrative organization, student grouping practices, effective methods, instructional planning, evaluation techniques, standardized testing procedures, record keeping, and progress reporting. Included in this course is an introduction to statistics necessary for effective analysis of educational practices.

Prerequisites: EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Corequisite: EDU 4120.

4070. CURRICULUM, METHODS, AND EVALUATION: EARLY CHILDHOOD. (3)

A survey of the organization and content of high school curriculum; a study of administrative organization, student grouping practices, effective methods, instructional planning, evaluation techniques, standardized testing procedures, record keeping, and progress reporting. Included in this course is an introduction to statistics necessary for effective analysis of educational practices.

Prerequisites: EDU 2900, EDU 3450, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Corequisite: EDU 4130.

4110. STUDENT TEACHING: EARLY CHILDHOOD. (12)

Directed teaching in grades kindergarten through five in nearby public school systems under the supervision of a public school-selected early childhood or primary teacher.

Prerequisites: Completion of all requirements for the degree and related certification including EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Corequisite: EDU 4050.

4120. STUDENT TEACHING: MIDDLE GRADES. (12)

Directed teaching in grades five through eight in nearby public school systems under the supervision of a public school-selected middle grades teacher.

Prerequisites: Completion of all requirements for the degree and related certification including EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Corequisite: EDU 4060.

4130. STUDENT TEACHING: SECONDARY EDUCATION. (12)

Directed teaching in grades seven through twelve in nearby public school systems under the supervision of a public school-selected middle grades teacher.

Prerequisites: Completion of all requirements for the degree and related certification including EDU 2900, EDU 3450, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Corequisite: EDU 4070.

4211, 4212. SUPERVISED TEACHING: EARLY CHILDHOOD. (6,6)*

Two semesters of a supervised practicum for persons already engaged in the teaching field of early childhood education.

Prerequisites: Completion of all requirements for the degree and related certification including EDU 2900, EDU 3300, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Prerequisite or Corequisite: EDU 4050.

4221, 4222. SUPERVISED TEACHING: MIDDLE GRADES. (6,6)*

Two semesters of a supervised practicum for persons already engaged in the teaching field of middle grades education.

Prerequisites: Completion of all requirements for the degree and related certification including EDU 2900, EDU 3400, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Prerequisite or Corequisite: EDU 4060.

4231, 4232. SUPERVISED TEACHING: SECONDARY EDUCATION. (6,6)*

Two semesters of a supervised practicum for persons already engaged in the teaching field of secondary education.

Prerequisites: Completion of all requirements for the degree and related certification including EDU 2900, EDU 3450, GPA 2.50, Admission to the Teacher Preparation Program and taking the Praxis II.

Prerequisite or Corequisite: EDU 4070.

4250, 4260. INDEPENDENT STUDY (1-3, 1-3)

Prerequisites: EDU 2900, GPA 2.50, Admission to Teacher Preparation Program.

*Open to in-service teachers. For in-service courses, contact the Director of Teacher Education.

ENGLISH (ENG)

0990. REMEDIAL FRESHMAN ENGLISH. (0)

By assignment; three semester hours institutional load credit only.

The departmental grammar test must be passed.

0991. ENGLISH AS A SECOND LANGUAGE. (0)

This course would fulfill the special needs of International students whose native language is other than English. International students who are not able to go directly into Eng 1010 take this course in lieu of Eng 0990. The course provides advanced instruction in academic vocabulary, strategies for understanding college material and culturally new expectations for ESL students in college classrooms, and would prepare the students for Eng 1010. Institutional load credit only.

1010. FRESHMAN ENGLISH I. (3)

A basic course in the principles of rhetoric, beginning with an intensive review of grammar and a complete introduction to writing, from the basic sentence into expanded paragraphs. Writing skills are the emphasis for this level of composition. A departmental grammar test must be passed.

Minimum acceptable grade: C

Prerequisite: ENG 0990/0991 or placement.

1020. FRESHMAN ENGLISH II. (3)

A continuation of English 1010 with an introduction to literature. Essay writing strategies, particularly argumentation, are the emphasis for this second level course in composition; a research paper is required.

Minimum acceptable grade: C

Prerequisite: ENG 1010.

1030, 1040. FRESHMAN HONORS COURSE I, II. (3, 3)

A course in composition and literature for the twenty-five students who make the highest marks in English on placement tests. A research paper is required in ENG 1030.

These courses replace ENG 1010, 1020 for the selected students.

Successful completion of English 1010, 1020 or 1030, 1040 is prerequisite for all of the following English courses:

2030, 2040. SURVEY OF WORLD LITERATURE I, II. (3, 3)

A study of masterpieces of European, English, and American literature from the classical period to modern times.

2090, 2091. LITERARY MAGAZINE LAB. (1, 1)

Production of The Chimes from concept to finished product. Includes hands-on experience in literary magazine production and publication, particularly layout and design, content selection, editing, graphics, and word processing. Students will also gain experience in marketing, distribution, and other matters related to production management. The course may be registered as ENG 3090, 3091, 4090, and 4091 for additional credit.

3000, 3010. HISTORY OF ENGLISH LITERATURE I, II. (3, 3)

A historical study of the development of English literature with special emphasis on those periods not covered by specialized courses.

Required of English majors.

3015. INTRODUCTION TO OLD ENGLISH LITERATURE. (3)

An examination of the poetry and earliest non-homiletic prose of the Anglo-Saxon period of English history.

3020. CHAUCER. (3)

Detailed study of the Canterbury Tales and of Troilus and Criseyde, with a reading of the rest of the poetry.

3025. THE VIKINGS AND EARLY ENGLISH HOMILETICS. (3)

A study of the medieval mind as it is manifested in the Old English language and as it in turn appears in sermons, theological writing, manuscript history, and art.

Approved as an IS (Integrative Studies) course.

3026. MEDIEVAL WOMEN MYSTICS. (3)

A study of the Medieval mind as it is manifested in the Middle English language as it, in turn, appears in the poetry, letters, sermons, biographies, and other theological writings of the Medieval women mystics, as well as in manuscript history and art.

Approved as an IS (Integrative Studies) course.

3027. DEVELOPMENT OF THE ENGLISH LANGUAGE. (3)

This course takes a linguistic-analysis approach, focusing on the historical changes in English vocabulary, grammar, and sounds while examining the important historical events, cultural milieus, literary texts, illuminated manuscripts, and earliest books of the periods covered. This course assumes no prior knowledge of linguistic theory.

Approved as an IS (Integrative Studies) course.

Approved as an IS (Integrative Studies) course.

3030. SHAKESPEARE I. (3)

A study of selected comedies and histories.

3040. SHAKESPEARE II. (3)

A study of selected tragedies and late comedies.

3050. ADVANCED GRAMMAR. (3)

A study of modern English grammar with a brief survey of the history of the English language.

Required of English majors.

3120. THE ENGLISH NOVEL. (3)

A study of the development of the novel from Richardson to the modern period with reading and class discussion of representative novels.

3130. MODERN FICTION. (3)

A study of twentieth century short stories and novels by major English and American writers.

3160. MODERN DRAMA. (3)

A study of major American, British, and European dramatists of the twentieth century.

3190, 3200. AMERICAN LITERATURE I, II. (3, 3)

A study of American literature from Colonial times to the present.

Required of English majors.

3210. EXPRESSIONS OF SPIRITUALITY: THE MEDIEVAL WORLD. (3)

This course will explore aspects of medieval culture by drawing on several disciplines including history, literature, art, architecture, and music.

Approved as an IS (Integrative Studies) course.

3220. THE AMERICAN NOVEL. (3)

A study of the American novel from its beginning to the modern period with reading and class discussion of representative novels.

3230. THE AMERICAN WEST. (3)

This course draws together the disciplines of American history, literature, and art for the purpose of allowing students to find, study and describe a common aspect of the American West as it is described in these three areas.

Approved as an IS (Integrative Studies) course.

3250. WORD STUDY. (3)

A study of Modern English words, their stems, prefixes, and suffixes according to their sources in Greek, Latin, Anglo-Saxon, French, Chinese, Spanish and other languages.

3260. HISTORY OF THE ENGLISH LANGUAGE. (3)

A survey of the evolution of the English language from Anglo-Saxon times to the present.

3270. CREATIVE WRITING I. (3)

Practice in writing prose and poetry and the study of models for both types of literature.

3271. CREATIVE WRITING II. (3)

A writing workshop with peer critique, focusing on either prose or poetry and building on the skills gained in Creative Writing I.

Prerequisite: ENG 3270 or permission of instructor.

3280. ADVANCED COMPOSITION. (3)

A writing course taking an intensive approach to nonfictional prose: methods of organization, study of style, and command of language to achieve the clear and forceful communication of ideas; analysis of elements in representative works.

Required of English majors.

3310. AMERICAN BUSINESS CULTURE AND THE AMERICAN NOVEL. (3)

Students and instructor in the course seek to understand the changing nature of American attitudes toward business by examining the history of business in the United States and the history of the American business novel.

Prerequisites: ENG 1010-1020, or 1030-1040.

Approved as an IS (Integrative Studies) course.

3320. LANDSCAPE, ARCHITECTURE, AND BRITISH LITERATURE (3)

This course will examine the inter-relationships that exist in British literature among landscape, architecture, and major literary trends. Domestic architecture and art and furnishings; gardens and parks; and the social significance of possessions will be related to major literary descriptions in fiction, essay, poetry, and drama.

Approved as an IS (Integrative Studies) course.

3600. BAROQUE POETRY. (3)

An examination of the poetry of the seventeenth century, focusing on John Donne and the Metaphysical school, Ben Jonson and the Cavalier school, Andrew Marvell, and John Milton.

3650. THE EIGHTEENTH CENTURY. (3)

An examination of literature in several genres – primarily poetry and the novel – by English writers of the period 1660-1789.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4010. VICTORIAN POETRY. (3)

A study of the poetry of Browning, Tennyson, and Arnold and a brief examination of others.

4100. ROMANTICISM IN WORDS AND PAINT. (3)

The German concept of Romanticism followed through British and American art and literature. Its purpose is to trace the concept from its beginning to the profound culture-changing influence it became in Western thought.

Approved as an IS (Integrative Studies) course.

4140. MODERN POETRY. (3)

A study of major American and English poets of the twentieth century.

4170. SOUTHERN LITERATURE. (3)

A study of major southern writers including Faulkner, Welty, O'Connor and others, along with samplings of some newer contemporary writers.

4200. LITERARY CROSSROADS. (3)

A course designed to acquaint the student with the traditions and literature of various minority cultures within the United States. The focus of the course may be on African-American literature, native American literature, Hispanic-American literature, or any combination of the literature of these ethnic groups.

Approved as an IS (Integrative Studies) course.

4210. LITERARY CRITICISM. (3)

A study of major forces within the history of criticism. The focus may be historical or thematic, or a combination of these.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)
4320. ENVIRONMENT AND THE AMERICAN MIND. (3)

An interdisciplinary study of the effects on the American mind of Wilderness and its loss to civilization. The study will involve literature, art, history, music, and other intellectual artifacts which reflect the reciprocal effects of Americans and the world they live in.

Approved as an IS (Integrative Studies) course.

4750. CAPSTONE EXAM. (0)

See the Humanities Handbook for description.

FIRST YEAR AT SHORTER (FYS)

1000. FRESHMAN SEMINAR. (3)

Seminar designed to facilitate a student's transition to college. The course will provide an opportunity for students to develop skills necessary to succeed academically and become integrated into the life of Shorter College. The course includes a service learning component and instruction on technology and information literacy. Required of all freshmen.

FRENCH (FRE)

Native French, Spanish, or German speakers are not allowed to take any courses in their native language below FRE 3040, SPA 3020, or GER 3990, unless otherwise advised by the instructor. Students native in any of these languages may fulfill their requirements 1) by pursuing the usual sequence in a language other than their native one or 2) by taking six semester hours of courses numbered at or above those listed.

All incoming freshman who fit both of the criteria below are required to take the foreign language placement test:

a) have three years or more of a single foreign language in high school, AND

b) anticipate taking the same language at Shorter
Students whose scores indicate readiness for intermediate classes will not be allowed to enroll in elementary classes without special permission of the instructor.

1010, 1020. ELEMENTARY FRENCH I, II. (3, 3)

Fundamental foreign language work including careful drill in pronunciation, conversation, dictation, principles of grammar, verb forms, composition, translation, and direct reading.

Three hours lecture, one hour lab per week.

2010, 2020. INTERMEDIATE FRENCH I, II. (3, 3)

Thorough review of grammar and vocabulary, designed to improve skills through compositions, oral presentations and discussion of selected readings.

Three hours lecture, one hour lab per week.

Prerequisites: Two units of high school French, placement by the department, or FRE 1010, 1020.

3030. ADVANCED CONVERSATION AND COMPOSITION. (3)

Speaking and writing French, acquisition of new idioms, review of difficult grammatical points.

Prerequisite: FRE 2020.

3040. SELECTED READINGS IN LITERATURE. (3)

A study of selected materials from various genres and periods.

Prerequisite: FRE 3030.

3060. READINGS IN FRENCH. (3)

A study of cultural readings on contemporary France.
Prerequisite: FRE 2020.

3100. FRENCH CULTURE AND CIVILIZATION. (3)

An introduction to the study of the art, history and geography of France.

3150. FRENCH REALISM AND NATURALISM IN NINETEENTH CENTURY FRANCE. (3)

A course drawing together the disciplines of French Literature, political and social history, and science to allow students to study and understand the importance of the realist and naturalist novel of nineteenth century France in English translation and its influence on other literature.

Approved as an IS (Integrative Studies) course.

3200, 3210. SURVEY OF FRENCH LITERATURE I, II. (3, 3)

An introduction to major writings from the Middle Ages through the twentieth century.

Prerequisite: FRE 3100 is recommended.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4150. THE NINETEENTH CENTURY. (3)

A study of the major literary movements of that period with special emphasis on the development of the novel.

4200. THE TWENTIETH CENTURY. (3)

A study of major writers, with special emphasis on the works of Proust, Gide, Malraux, Sartre and Camus.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

GEOGRAPHY (GEO)

2000. CULTURAL GEOGRAPHY. (3)

A survey of global population and cultural and developmental issues.

GERMAN (GER)

Native French, Spanish, or German speakers are not allowed to take any courses in their native language below FRE 3040, SPA 3020, or GER 3990, unless otherwise advised by the instructor. Students native in any of these languages may fulfill their requirements 1) by pursuing the usual sequence in a language other than their native one or 2) by taking six semester hours of courses numbered at or above those listed.

All incoming freshman who fit both of the criteria below are required to take the foreign language placement test:

a) have three years or more of a single foreign language in high school, AND

b) anticipate taking the same language at Shorter

Students whose scores indicate readiness for intermediate classes will not be allowed to enroll in elementary classes without special permission of the instructor.

1010, 1020. ELEMENTARY GERMAN I, II. (3, 3)

Fundamental foreign language work including careful drills in pronunciation, conversation, dictation, principles of grammar, verb forms, composition, translation, and direct reading.

Three hours lecture, one hour lab per week.

2010, 2020. INTERMEDIATE GERMAN I, II. (3, 3)

Intermediate foreign language work including a thorough review of syntax, with the acquisition of an active working vocabulary, composition, and selected reading.

Three hours lecture, one hour lab per week.

Prerequisites: Two units of high school German, placement by the department, or GER 1010, 1020.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4250. INDEPENDENT STUDY (3).

GLOBAL STUDIES (GST)

1000. STUDY ABROAD PREPARATION. (0; AUDIT)

Open only to those students signed up to participate in a guided study-abroad program. Students will receive a grade of AU for the course.

2001, 2002. SEMINAR. (½, ½)

Student and faculty presentations of selected topics in seminar format. Open to sophomore potential International Studies Majors.

2210. CHINESE CULTURE AND LITERATURE. (3)

An introduction to the great literary works of China including Buddhist and Taoist religious texts and general Chinese literature and culture.

3001, 3002. SEMINAR. (½, ½)

Student and faculty presentations of selected topics in seminar format. Open to International Studies majors in the junior year.

3330. FIELD EXPERIENCES IN STUDY ABROAD. (1-3)

Participation in and study of events, locations, institutions, which have contributed significantly to the culture of the country in which the student is studying.

3400. DIRECTED STUDY IN GLOBAL AWARENESS. (3)

Research conducted in the context of a study abroad experience. The areas of study should fall within the realm of the student's major and will include a combination of at least two of the disciplines offered at Shorter. Students will compare the aspects of the disciplines chosen with their counterparts in American culture. Alternatively, students may develop a research question that is pertinent to the host country.

Approved as an IS (Integrative Studies) course.

3410. GLOBAL CITIZENSHIP. (3)

An introduction to the idea of global citizenship as it relates to world systems, cultures, the arts, religions, moral systems, economics, and political structures. The course is team-taught by faculty members in various disciplines.

Approved as an IS (Integrative Studies) course.

4001, 4002. SEMINAR. (½, ½)

Student and faculty presentations of selected topics in seminar format. Open to International Studies majors in their senior year.

HEALTH AND PHYSICAL EDUCATION (HPE)

1010. HEALTH AND FITNESS FOR LIFE. (1)

Course designed to teach students how to take control of personal health and lifestyle in order to make a constant and deliberate effort to stay healthy and realize highest potential for well-being.

Two hours a week.

1030. BEGINNING SWIMMING. (½)

Two hours a week.

1040. INTERMEDIATE SWIMMING. (½)

Two hours a week.

1070. SLIMNASTICS. (½)

Walking, jogging, diet, general exercise, and mental attitudes.

Two hours a week.

1080. INDIVIDUAL EXERCISE. (½)

Corrective exercises with instruction and participation in individual and dual sports of a modified type.

Approval of instructor required.

Two hours a week.

1090. BEGINNING ARCHERY. (½)

Two hours a week.

1111-1119. PHYSICAL ACTIVITY. (½)

Study and practice of a personal fitness program. Emphasis may be selected from the following: 1111: Aerobics, 1112: Billiards, 1113: Canoeing, 1114: Soccer, 1115: Modern Dance, 1116: Fitness Swimming, 1117: Racquetball, 1118: Scuba Diving, 1119: Fitness Walking.

1120. ADVENTURE ACTIVITIES. (½)

Various adventure activities such as new games, initiatives, survival, climbing; offered on campus or at nearby sites.

1130. BACKPACKING. (½)

Two hours a week.

1140. KARATE AND BASIC SELF-DEFENSE. (½)

Includes methods and techniques designed to prepare the student for self-defense and advancing in the study of the martial arts. Each class includes an extensive warm-up

complete with stretching exercises and yoga techniques before moving into a technical exploration of self-defense.

Two hours a week.

1160. CPR. (½)

How to respond in an emergency situation using skills and techniques of CPR and first aid. Students receive American Red Cross Certification.

1310. BALLET I. (1)

May be registered as 1320, 2310, 2320 for additional credit.

1410. JAZZ AND TAP I. (2)

May be registered as 1420, 2410, 2420 for additional credit.

1411. SELF DEFENSE FOR WOMEN. (1)

A course designed to teach women to recognize legitimate dangerous situations, evaluate possible options, particularly in the prevention arena, and choose possible course of action based on their evaluations. Although the focus of the course is on prevention and not confrontation, the course does involve physical self-defense training and techniques.

2011. BEGINNING BOWLING. (½)

Two hours a week.

2012. BEGINNING TENNIS. (½)

Two hours a week.

2021-2023. INDIVIDUAL SPORTS. (½)

2021: Badminton, 2022: Riflery, and 2023: Table Tennis.

Two hours a week.

2030. BEGINNING GOLF. (½)

Two hours a week.

2040. LIFEGUARD TRAINING. (1)

The skills and techniques necessary to be a lifeguard. Students will earn certification in LGT and CPR/ PR.

Prerequisite: Students must pass a swimming test to enroll.

2050. INTERMEDIATE TENNIS. (½)

Two hours a week.

2081. WEIGHT TRAINING FOR MEN. (½)

Two hours a week.

2082. WEIGHT TRAINING FOR WOMEN. (½)

Two hours a week.

2091. TEAM SPORTS FOR MEN. (½)

Volleyball and flag football.

Two hours a week.

2092. TEAM SPORTS FOR WOMEN. (½)

Volleyball and flag football.

Two hours a week.

2101. TEAM SPORTS FOR MEN. (½)

Basketball and softball.

Two hours a week.

2102. TEAM SPORTS FOR WOMEN. (½)

Basketball and softball.

Two hours a week.

2103. CHEERLEADING. (½)

By try-out only.

2110. SOCIAL DANCING. (½)

Two hours a week.

2120. FOLK AND SQUARE DANCING. (½)

Two hours a week.

2130. ROCK CLIMBING. (½)

Two hours a week.

2140. CLIMBING CERTIFICATION. (½)

Certification in top rope climbing.

Two hours a week.

Prerequisite: HPE 2130 or equivalent experience.

2150. FIRST AID. (2)

Students meeting specific criteria may earn an official certification.

Three hours a week.

2200. WATER SAFETY INSTRUCTOR. (2)

Instruction in how to teach American Water Safety Instructor and Instructor Candidate Training. Satisfactory completion of course will qualify students for Red Cross Water Safety Instructor (WSI) and Instructor Candidate Training (ICT) certification.

Prerequisite: Students must pass a swimming test to enroll.

2240. LEAD CLIMBING. (½)

Two hours a week.

2305. YOGA. (½)

See MUS 2305.

3120. CAMPING AND OUTDOOR EDUCATION. (3)

Course designed to prepare the student for worthwhile enjoyment of the out-of-doors. Emphasis is also placed on organized camping programs.

Camping trip is required.

2590. CHARACTER EDUCATION. (2)

This course will examine individual core values, self-discipline, identity, and emotional security, with particular attention to the role played by these elements of character on the students' personal and spiritual relationships.

VARSITY ATHLETICS

Credit is awarded to varsity athletes who wish to register for it. A maximum of 4 semester hours may be earned in any one sport. Credit for participation in varsity athletics may not replace required credit in Health and Physical Education.

Course Numbering System: The number shall be registered in ascending order increasing each successive semester of participation.

- VBA 1101-8. BASEBALL (MEN) (½)**
- VBM 1201-8. BASKETBALL (MEN) (½)**
- VBW 1301-8. BASKETBALL (WOMEN) (½)**
- VCM 1401-8. CROSS COUNTRY (MEN) (½)**
- VCW 2001-8. CROSS COUNTRY (WOMEN) (½)**
- VFO 2501-8. FOOTBALL (MEN) (½)**
- VGO 1501-8. GOLF (MEN) (½)**
- VSO 1601-8. SOFTBALL (WOMEN) (½)**
- VGW 2101-8. GOLF (WOMEN) (½)**
- VTM 1701-8. TENNIS (MEN) (½)**
- VTW 1801-8. TENNIS (WOMEN) (½)**
- VTF 2001-8. TRACK & FIELD (WOMEN) (½)**
- VTR 1901-8. TRACK & FIELD (MEN) (½)**
- VSW 2201-8. SOCCER (WOMEN) (½)**
- VSM 2301-8. SOCCER (MEN) (½)**
- VVW 2401-8. VOLLEYBALL (WOMEN) (½)**

HISTORY (HIS)

1020. MODERN CIVILIZATION SINCE 1648 (3)

An examination of the origins of modern civilization and a survey of the development of the modern world since 1648.

2001, 2002. HISTORY AND POLITICAL SCIENCE SEMINAR. (½,½)

Student and faculty presentations of selected topics in a seminar forum. Open to sophomore potential History and Political Science majors as an elective course.

2010. DEVELOPMENT OF CIVILIZATION TO 1648 (3)

A survey of the origins of world civilizations in antiquity and their development to the early modern period.

Required of History and Political Science majors.

2050. AMERICAN CIVILIZATION I (3)

A survey of American history from peopling of the continent through Reconstruction. Required of History and Political Science majors.

2060. AMERICAN CIVILIZATION II (3)

A survey of United States history since Reconstruction. Required of History and Political Science majors.

2310. INTRODUCTION TO HISTORICAL METHODS (3)

An introduction to the skills of the historian focusing on critical analysis, research, interpretation, and writing techniques.

Required of History and Political Science majors—should take your sophomore year.

3001, 3002. HISTORY AND POLITICAL SCIENCE SEMINAR (½,½)

Student and faculty presentations of selected topics in a seminar forum. Open to History and Political Science majors in the junior year.

3010. METHODS OF PUBLIC HISTORY (3)

Practical application of the methods used in public history, emphasizing oral history, archival management, and musicology.

3020. CLASSICAL CULTURE (3)

A study of the fundamental ideas and values of classical civilization as expressed by Greek and Roman historians, poets, and philosophers.

Approved as an IS (Integrative Studies) course.

3030. MEDIEVAL EUROPE (3)

A survey of the development of the first European civilization through history and philosophy from the collapse of the Roman Empire to the end of the Middle Ages.

Approved as an IS (Integrative Studies) course.

3050. EARLY MODERN EUROPE (3)

A study of the origins of the modern period (1648 to 1815) through its history and philosophy. The course focuses on the Old Regime, the rise of modern science, the Enlightenment, and the era of revolutions which brought this period to a close.

Approved as an IS (Integrative Studies) course.

3060. NINETEENTH CENTURY EUROPE (3)

The history of Europe from the fall of Napoleon to the first World War, with special attention to the advance of democracy, socialism, and its collapse.

3080. MODERN GERMAN HISTORY (3)

A study of Germany from the age of Bismarck (1860) through reunification to today.

3100. RECENT AMERICAN HISTORY (3)

A study of America since 1945.

3140. GEORGIA HISTORY AND LITERATURE (3)

An examination of Georgia history and literature from prehistory to the present.

Approved as an IS (Integrative Studies) course.

3150. AMERICAN DIPLOMATIC HISTORY (3)

A survey of American diplomatic relations showing the development of American importance in world affairs from colony to world power.

3160. SOUTHERN CULTURE (3)

An examination of the meaning of “southern” through the literature, history, and folk culture of the southern United States.

Approved as an IS (Integrative Studies) course.

3170. THE WAR BETWEEN THE STATES: AMERICA'S CIVIL WAR (3)

An investigation of the multiple causes of, course, and consequences of America's great national trauma.

3210. DIVERSITY IN AMERICA (3)

A study of the diversity of American culture, emphasizing minority contributions with special attention to Native Americans and African Americans.

3230. HISTORY OF ENGLAND TO 1689 (3)

An introductory survey that follows the main currents of national development from prehistory to 1689 as reflected in both historical scholarship and literature.

Approved as an IS (Integrative Studies) course.

3240. HISTORY OF ENGLAND SINCE 1689 (3)

A survey of the national development from the beginning of the modern period to the present. The course uses history and literature to focus upon the social evolution of Great Britain throughout this period.

Open to English majors in the sophomore year.

Approved as an IS (Integrative Studies) course.

3260. LATIN-AMERICAN STUDIES (3)

The history and culture of selected regions of Latin America from the Colonial Period to the Present.

3280. AXIS AND ALLIES: THE SECOND WORLD WAR (3)

An examination of World War II as a global conflict focusing on the causes, participants, theaters and results of the conflict.

3290. EMERGING NATIONS (3)

A study of the emergence of the Third World from the breakdown of colonial empires following World War II. The course examines the scope of the Third World and concentrates on one or more countries that are of current interest.

Approved as an IS (Integrative Studies) course.

3400. EAST ASIAN CIVILIZATIONS (3)

A study of the history, religions, literature and culture of civilizations in China, Japan, and Korea.

3410. THE MUSLIM WORLD (3)

A study of the history, religion, literature, and culture of the Islamic world.

3990. SPECIAL TOPICS (1-3)

Variable subject content.

4000. HISTORIOGRAPHY (3)

An introductory course in the history of historical writing. The course examines the nature of history as a discipline and introduces students to methods and themes used by historians.

Required of History and Political Science majors.

4001, 4002. HISTORY AND POLITICAL SCIENCE SEMINAR (1, 1).

Student and faculty presentations of selected topics in a seminar forum. Open to History and Political Science majors in the senior year.

4040. RENAISSANCE AND REFORMATION (3)

A study of the fourteenth through the first half of the sixteenth centuries as a period of transition from the medieval to the modern era. The course focuses special attention on the Renaissance and Reformation as cultural phenomena with European expansion and the development of capitalism and the modern state as background.

4050, 4060. INTERNSHIP (3, 1-6)

4130. THE UNITED STATES, 1867-1900.

An interdisciplinary examination of America in the Gilded Age using literature and culture, social, and political history.

Approved as an IS (Integrative Studies) course.

4250, 4260. INDEPENDENT STUDY (1-3, 1-3)

4270. TWENTIETH CENTURY EUROPE (3)

A study of twentieth century Europe, giving close attention to the causes and the results of the two World Wars, economic, political, and international developments between the wars, and the problems of the post-World War II era.

4280. US FOREIGN POLICY SINCE 1941 (3)

See POS 4280.

4290. THE UNITED STATES IN VIETNAM (3)

A comprehensive examination of the United States' involvement in Vietnam focusing on the reasons for, prosecution of, responses to and consequences of the conflict.

4320. ENVIRONMENT AND THE AMERICAN MIND (3)

See ENG 4320.

4330. HISTORY AND PHILOSOPHY OF SCIENCE AND MATHEMATICS (3)

A study of the history and philosophy of science and mathematics which examines such questions as: What is the relationship between science and mathematics? To what degree are science and mathematics affected by the concepts and ideas of the times?

Approved as an IS (Integrative Studies) course.

4740. SENIOR THESIS (1)

See the senior thesis advisor. Minimum acceptable grade: C.

4750. EXIT EXAM (0)

Required of all History and Political Science majors.

HONORS PROGRAM (HON)

2000. HONORS COLLOQUIA I. (3)

A multidisciplinary seminar with varying subjects drawn from the arts and humanities, the social sciences, and the natural sciences, the purpose of which is to develop honors students' critical thinking skills along with their ability to integrate information across disciplines.

3000. HONORS COLLOQUIA II. (3)

Further seminar topics with varying subjects drawn from the arts and humanities, the social sciences, and the natural sciences, the purpose of which is to develop honors students' critical thinking skills along with their ability to integrate information across disciplines.

4500, 4510. SENIOR HONORS THESIS I, II. (2-3, 2-3)

Two semester research projects in the student's chosen field. Open to seniors by invitation.

MATHEMATICS (MAT)

0990. REMEDIAL MATHEMATICS. (0)

A course designed to prepare students for college algebra. Admission is by assignment; three semester hours institutional load credit only.

1060. MATHEMATICS FOR LIBERAL ARTS. (3)

This course will explore major contributions of mathematics to humanity. Beginning with a brief history of mathematics and mathematical systems, the study will include units on symbolic logic, mathematical functions and graphs, problem solving using basic algebraic equations, and descriptive statistics.

1070. MATHEMATICS FOR EARLY CHILDHOOD AND MIDDLE GRADES. (3)

Set theory, basic operations of arithmetic and their algorithms, properties of counting numbers, fractions, metric system of measurements, and informal geometry.

Required for all B.S.E. majors.

1110. COLLEGE ALGEBRA. (3)

Properties of real numbers, order and absolute value, complex numbers, scientific notation, factoring polynomials, linear and quadratic equations, systems of equations, linear inequalities, and graphing.

Prerequisite: MAT 0990 or exemption.

1120. PRECALCULUS MATH. (3)

The algebra of exponential, logarithmic, and trigonometric functions, including identities, inverse trigonometric functions, and right triangle trigonometry.

Prerequisite: MAT 1110, or departmental consent.

2030. VISUAL BASIC. (3)

Programming in Visual Basic with applications to business, science, and the humanities. Topics include computer organization, flowcharting, data handling, and computer applications.

Prerequisite: MAT 1110, or departmental consent. Cross-listed with CIS 2030.

2100. APPLIED CALCULUS. (3)

An introduction to differential and integral calculus emphasizing applications to business and the life sciences. Topics covered will include limits, rules of differentiation, extreme value problems, curve sketching, exponential and logarithmic functions, techniques of integration, and area between curves.

Credit will not be given for both MAT 2100 and MAT 2510.

Prerequisite: MAT 1110, or departmental consent.

2120. INTRODUCTION TO DISCRETE MATHEMATICS. (3)

An introduction to the methods of discrete mathematics. Topics covered will include elementary set theory, symbolic logic, mathematical induction, combinatorics, recurrence relations, and graph theory.

Prerequisite: MAT 1110.

2400. INTRODUCTION TO PROGRAMMING (3)

Utilizes a high level object oriented language to introduce basic computer programming constructs. Topics include computer organization, programming structure and syntax, graphics, program flow, decision structures, simulations and algorithmic development.

Prerequisite: MAT 1110 or departmental consent. Cross-listed with CIS 2400.

2510. ANALYTICAL GEOMETRY AND CALCULUS I. (3)

A brief review of algebra and trigonometry; coordinate systems, analytical geometry, the derivative using the definition, limits, continuity, techniques of differentiation; Mean Value theorem and its application.

Prerequisites: MAT 1120, or departmental placement.

2520. ANALYTICAL GEOMETRY AND CALCULUS II. (3)

Applications of differentiation to extreme value problems, curve sketching and related rates problems, the integral and its properties, applications of the integral for finding area under a curve, volume of a solid of revolution, length of a curve, area of a surface of revolution, work, moments, and centroids.

Prerequisite: MAT 2510.

3010. INTRODUCTION TO MODERN ALGEBRA. (3)

An introduction to the study of abstract algebraic systems, covering the elementary theory of groups, rings, and fields.

Prerequisite: MAT 2520.

3050. MODERN GEOMETRY. (3)

A survey course introducing the student to various modern geometries and geometric concepts.

Prerequisite: MAT 2520.

3060. ELEMENTARY THEORY OF NUMBERS. (3)

A study of theorems on divisibility, prime numbers, simple continued fractions, congruences, and the theorems of Fermat, Euler, and Wilson.

Prerequisite: MAT 2520.

3070. ANALYTICAL GEOMETRY AND CALCULUS III. (3)

Applications of differential and integral calculus to improper integrals, infinite series, conics, polar coordinates, and vector analysis.

Prerequisite: MAT 2520.

3080. ANALYTICAL GEOMETRY AND CALCULUS IV. (3)

Applications of differential and integral calculus to vector valued functions, partial derivatives, multiple integrals, and advanced topics in vector analysis.

Prerequisite: MAT 3070.

3100. ELEMENTARY TOPOLOGY. (3)

A study of set theory, functions, continuity, metric spaces, topological spaces, connectedness, and compactness.

Prerequisite: MAT 2520.

3130. MATHEMATICAL MODELING: CONTINUOUS METHODS. (3)

An introductory course in mathematical modeling with applications drawn from the physical and social sciences. Calculus will be of fundamental importance in the construction of the models that occur in this course. Differential equations, infinite series, and vector analysis will be used.

Prerequisites: MAT 2510, 2520.

3150. FUZZY MATHEMATICS AND LOGIC. (3)

The principles of fuzzy sets, measures and logic. Problem solving by computational means is emphasized.

Prerequisite: MAT 2120.

3180. INTRODUCTION TO STATISTICS. (3)

Frequency distributions; their graphic and tabular representations; measures of central tendency, of dispersion and of correlation; sampling; elementary probability theory.

Prerequisites: MAT 1060 or 1110. Exceptions with departmental consent.

3450. INTRODUCTION TO PROBLEM SOLVING WITH COMPUTERS. (3)

Problems from calculus and real world applications will be approached through the use of the FORTRAN programming language and various software packages such as DERIVE, MATHEMATICA, MATHCAD, and MAPLE.

Prerequisites: MAT 2510, 2520.

3852. SECONDARY MATHEMATICS CONTENT AND TECHNOLOGY. (3)

This course will explore the major concepts of secondary mathematics with the goal of creating a deeper understanding of those concepts. The concepts covered will focus on the Content Standards identified by the National Council of Teachers of Mathematics. Further, the technology designed for enhancing secondary mathematics will be experienced. The technology will include, but not be limited to, Geometer's Sketchpad, Fathom, graphing calculators and accessories, CBRs, PowerPoint, and Excel.

3990. SPECIAL TOPICS. (1-4)

Variable subject content.

4010. LINEAR ALGEBRA. (3)

Covers fields, systems of linear equations, matrices, determinants, vector spaces, and linear transformations.

Prerequisite: MAT 2520 and 3010, or departmental consent.

4030. DIFFERENTIAL EQUATIONS. (3)

An introductory course in ordinary differential equations with applications. Topics covered include first and second order differential equations, power series solutions, Laplace transforms, linear systems, and numerical methods.

Prerequisite: MAT 2520.

4040. ADVANCED CALCULUS. (3)

Infinite series, functions and limits, multiple integrals, vectors, application of integrals.

Prerequisite: MAT 3080.

4060. NUMERICAL ANALYSIS. (3)

A course in the numerical methods used in the solution (usually, the approximate solution) of nonlinear equations, systems of equations, and differential equations. Numerical techniques of differentiation, integration, and interpolation will be presented. The basic tool of computation will be the computer. Applications will be drawn from the sciences.

Prerequisite: MAT 3130.

4070. INTRODUCTION TO COMPLEX ANALYSIS. (3)

Includes elementary functions and mappings, power series, conformal maps, residues, poles, integration of complex functions.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

MUSIC (MUS)

THE EDITH LESTER HARBIN DEPARTMENT OF MUSIC

1001, 1002. ELEMENTARY MUSIC THEORY AND EAR TRAINING FOR MUSIC THEATRE MAJORS I, II. (3, 3)

Fundamentals of music including key signature, intervals, triads, and seventh chords, rhythmic structure, cadence types, an introduction to song form and phrase structure. Ear training and sight singing exercises will be included. Course materials will be drawn largely from standard Broadway repertoire.

Musical Theatre Majors only.

1011, 1021. ELEMENTARY THEORY I, II. (2, 2)

A study of basic music skills in listening, reading, and notation through dictation and sight-singing.

1012, 1022. ELEMENTARY EAR-TRAINING I, II. (2, 2)

More advance study through dictation and sight-singing.

1051, 1061. CLASS INSTRUCTION: KEYBOARD LAB I, II. (1, 1)

A basic knowledge of piano technique; class demonstration and participation in a laboratory setting. Course fulfills requirement for piano secondary.

1052, 1062. CLASS INSTRUCTION: VOICE I, II. (1, 1)

A basic knowledge of vocal technique; class demonstration and participation. Course fulfills requirement for voice secondary.

1053, 1063. MUSICAL THEATRE LAB I, II. (1, 1)

The study and performance of musical theatre literature. Required of Musical Theatre majors.

Prerequisite: Standing as a musical theatre major or permission of instructor.

1070, 1080. ACCOMPANYING I, II. (1, 1)

Practical training in accompanying: tradition, interpretation, and execution.

Two hours a week.

2011. ADVANCED THEORY I. (3)

A continuation of MUS 1011, 1021, carrying the study of harmonic material through chromatic harmony, including secondary chords, tonicization, modulation, mixed modes, and augmented sixth chords. Supporting skills at the keyboard are also included.

Prerequisite: MUS 1021.

2021. ADVANCED THEORY II. (3)

A continuation of MUS 2011 emphasizing extended terminology and techniques pertinent to the analysis and part-writing of examples from the late 19th and 20th centuries, and related keyboard skills.

Prerequisite: MUS 2011.

2012, 2022. ADVANCED EAR-TRAINING I, II. (1, 1)

Drill in dictation and sight-singing.

Prerequisite: MUS 1022.

2030. MUSIC APPRECIATION. (3)

An introduction to music as an art. The aim is to acquaint students with musical masterpieces as well as their styles and periods.

2040. HYMNOLOGY. (3) *

A study of the hymns of the Christian church.

2071, 2081. CLASS INSTRUCTION: KEYBOARD LAB III, IV. (1,1)

A more advanced study of piano with emphasis on chord progressions, major and harmonic minor scales, sight reading, and the performance of keyboard literature. May be repeated as 3071, 3081, 4371, 4381 for more advanced study. Course fulfills requirement for piano secondary.

2072, 2082. CLASS INSTRUCTION: VOICE III, IV. (1,1)

A more advanced study of voice with emphasis on students' ability to demonstrate principles of good singing. Course fulfills requirement for voice secondary. May be

repeated as 3072, 3082, 4372, 4382 for more advanced study. Course fulfills requirement for piano secondary.

2073, 2083. MUSICAL THEATRE LAB III, IV. (1, 1)

A more advanced study of musical theatre literature. Required of Musical Theatre majors. May be repeated as 3073, 3083, 4373, 4383 for more advanced study.

Prerequisite: Standing as a musical theatre major or permission of instructor.

2090. HANDBELL TECHNIQUES. (1)

Group instruction in the art of handbell ringing in the church with emphasis on methods, techniques, and literature for handbells.

2110. CHORAL LITERATURE FOR THE CHURCH. (3)

A course dealing with major choral and choral/orchestral works for the church and church anthem literature from all historical periods.

2190. HISTORY AND LITERATURE I: BAROQUE AND CLASSICAL. (3)

A survey of music of the Baroque, Rococo, and Classical periods; style and forms of music from the birth of opera to the death of Beethoven.

2200. SURVEY OF JAZZ. (3)

An overview of jazz, including its history, style periods, musical forms, major composers and performers, and an exploration of the contemporary scene.

2220. HISTORY AND LITERATURE II: ROMANTIC AND CONTEMPORARY. (3)

A survey of music of the Romantic period and the twentieth century; styles and forms of music from Franz Schubert to the contemporary experimental scene.

2240. STRING TECHNIQUES. (1)

Beginning group instruction on violin, viola, cello, and string bass.

2300. DICTION FOR SINGERS: ENGLISH/ITALIAN. (1)

A study of diction in singing through the use of the International Phonetic Alphabet; a study of the sounds of language; vowels, consonants, glides, and diphthongs. The object of these courses is to teach accurate enunciation and pronunciation during the singing process.

2305. YOGA (½)

A blend of the Iyengar and Kundalini schools of hatha yoga, this course will incorporate yoga poses (asanas) in a flow (vinyasa) as relevant to movement and alignment for singers. Other topics will include principles of yoga breathing for singers (pranayama) and yoga and meditation for stage fright.

2310. DICTION FOR SINGERS: GERMAN/FRENCH. (1)

A study of diction in singing through the use of the International Phonetic Alphabet; a study of the sounds of language; vowels, consonants, glides, and diphthongs. The object of these courses is to teach accurate enunciation and pronunciation during the singing process.

2400. HISTORY OF MUSICAL THEATRE I. (3)

A study of the development of the musical styles and forms of British and American musical theatre in the first half of the 20th century.

2500. FOUNDATIONS OF MUSIC EDUCATION. (3)

A broad overview of the historical, philosophical, political, and social aspects of education, particularly as they relate to the teaching of music. Observation in the public schools is required.

Prerequisite: GPA 2.50, an acceptable background check.

2540. MUSIC FOR SPECIAL POPULATIONS. (2)

A study of the methods and materials used in planning and leading musical activities for preschoolers, the elderly, and other special groups.

2560. BEGINNING GUITAR. (1)

Course designed to acquaint students with the guitar and similar instruments used for folk music; the mastery of chords and their fingering, methods of strumming and plucking strings, and other skills needed to accompany the singing of folk tunes and simple classic songs.

2570. INSTRUMENTAL TECHNIQUES. (2)

A study of woodwind, brass, string, and percussion instruments, with an emphasis on instrumental pedagogy. Students will learn to produce a characteristic tone on one instrument in each of the four families.

3010. COUNTERPOINT I. (2)

A study of sixteenth century modal polyphony in two, three, and four parts.

3020. COUNTERPOINT II. (2)

A study of eighteenth century style with the writing of invention and chorale-prelude forms in two and three parts.

3030. MUSIC FORM AND ANALYSIS I. (2)

Harmonic, structural, and stylistic analysis of the small and large homophonic and contrapuntal forms of music from the Medieval through early Romantic periods.

Prerequisite: MUS 2011.

3040. MUSIC FORM AND ANALYSIS II. (2)

Analysis of small and extended works of the late 19th and 20th centuries.

Prerequisite: MUS 2021, 3030.

3050. MUSIC METHODS IN THE ELEMENTARY SCHOOL. (2)

A study of the educational foundations, history, and methods of teaching music in grades K-5. Emphasis is on group activities and materials for teaching music to elementary school children. Opportunities are provided for observation of classroom teaching as well as college class demonstration lessons.

Required of music education majors.

Prerequisite: MUS 2021, 2022, 2050, Admission to the Teacher Preparation Program, GPA 2.50.

3055. MUSIC METHODS IN THE MIDDLE GRADES. (2)

A continuation of MUS 3050 with emphasis on teaching general music and choral organizations in middle school.

Required of music education majors.

Prerequisite: MUS 2021, 2022, 2050, 3150, Admission to the Teacher Preparation Program, GPA 2.50.

3060. MUSIC METHODS IN THE SECONDARY SCHOOL. (2)

A continuation of MUS 3055 with emphasis on teaching general music and choral organizations in secondary school; a completion of a set of instructional media competencies.

Required of music education majors.

Prerequisite: MUS 2021, 2022, 2050, 3150, 3155, Admission to the Teacher Preparation Program, GPA 2.50.

3090. CHURCH MUSIC EDUCATION I. (3) *

Orientation to the ministry of music and its purposes. Emphasis is on music education in the church with particular attention to the organization, rehearsal, and performance of junior high, youth, and adult choirs.

3100. CHURCH MUSIC EDUCATION II. (2) *

A study of music education in the church with emphasis on children's choirs, including basic philosophy, procedures, observation, and practical experience.

3110. CHURCH MUSIC IN WORSHIP AND RENEWAL. (3)

A study of music and worship, with emphasis on liturgy, the evangelical tradition, worship planning, and congregational music.

3120. CHORAL ARRANGING. (2)

A study of the techniques of composing and arranging music for solo voice and vocal ensembles. Principles of composing melodies, voice leading, part writing, notation, and characteristics of various voices will be covered through arrangements of existing music and student compositions.

Prerequisite: 2021,2022.

3130. CONDUCTING I. (2)

The elementary theory and practice of conducting; development of the basic physical skills necessary to function as a conductor; application to instrumental and choral groups.

3140. CHORAL TECHNIQUES. (2, 3)

Continued study in the art of conducting with special emphasis on choral rehearsal techniques and performance practices.

Music education majors register for three hours credit which includes choral materials for schools.

* Offered in alternate years.

3170. AMERICAN MUSIC. (3)

A survey of music in the United States from the Colonial period to the present; special attention to distinctively American developments in music style and forms.

3190. ORGAN PEDAGOGY. (2) *

Methods, techniques, and literature involved in the teaching of organ and also in service playing.

3200. ORGAN LITERATURE. (3) *

A survey of the history of the organ and its literature from the fifteenth century to the present day.

3210. HISTORY AND LITERATURE III: MEDIEVAL AND RENAISSANCE. (3)

A survey of music in the Middle Ages and Renaissance; style and forms from medieval religious and secular monody to the multiple choir works of Gabrieli.

3230. CONDUCTING II. (1)

Refinement of techniques developed in MUS 3130. Continuation of building a functional conducting technique. Emphasis on score preparation, ear training, and musical expression beyond time beating. Nuance, artistic conducting emphasized.

One hour individual instruction per week.

3240. OPERA LITERATURE. (3) *

A study of standard masterworks of operatic literature.

3241, 3242. OPERA AUDITION AND ROLE PREPARATION. (1,1)

The study of the *fach* system, operatic repertoire, audition technique and role preparation in pursuit of a professional career as an operatic performer and teacher.

Prerequisites: Successful passing of sophomore barrier

3250, 3260. GROUP PIANO PEDAGOGY I, II. (2, 2)

Problems of organizing, teaching, and evaluating class piano instruction at the elementary through intermediate level. Second semester includes observation and some supervised teaching.

3270. PIANO PEDAGOGY I. (3)

A study of all aspects of teaching the beginning piano student. Observation and supervised teaching will be required.

3280. PIANO PEDAGOGY II. (2)

A continuation of 3270 with focus on intermediate, moderately advanced, and transferring students.

3310, 3320. ADVANCED ACCOMPANYING I, II. (1, 1)

Further training in accompanying with emphasis on junior and senior recitals. Prerequisites: MUS 1070, 1080.

3350. KEYBOARD MUSICIANSHIP. (1,2)

Designed for keyboard majors and minors, this course includes the development of skill in harmonization, transposition, sight-reading, open score reading, hymn arranging, improvisation, and chord charts for performing popular music.

3370. PIANO REPERTOIRE FOR TEACHERS. (2)

A study of intermediate piano literature involving detailed lesson plans and class discussion.

3400. HISTORY OF AMERICAN MUSICAL THEATRE. (3)

A study of the development of the American musical theatre as music and as theatre.

3430. WORLD MUSIC AND ART. (3)

A survey of non-Western music and visual arts emphasizing cultural distinctions among the major non-Western cultures and aesthetic similarities within each.

Approved as an IS (Integrative Studies) course.

3460. MUSIC TECHNOLOGY AND ORCHESTRATION. (3)

A study of techniques used in the creation of music for various instrumental and vocal ensembles. Notation and sequencing software will be utilized to complete a series of composition and arranging projects.

3500. HISTORY OF MUSICAL THEATRE II. (3)

A study of the development of the musical styles and forms of British and American musical theatre from circa 1950 to the present.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4010. COMPOSITION. (2) *

Practical composition in small forms for piano, organ, or small instrumental combinations.

4030. SERVICE PLANNING. (1) *

The planning, organization, and performance of the church service for organists, choirmasters, and ministers of music, including service playing, hymn playing, improvisation, and the accompaniment of anthems and sacred solos.

4050. STUDENT TEACHING: ELEMENTARY SCHOOL. (12)

Observation, participation, and directed teaching in the elementary grades. Course includes a seminar with the college supervisor. Student must have a minimum cumulative GPA of 2.75 in order to register for student teaching.

Prerequisites: MUS 2500, 3050, 3060, 3130, 3140, EDU 3100, 3210, Admission to Teacher Preparation Program, GPA 2.50.

4060. STUDENT TEACHING: SECONDARY SCHOOL. (12)

Observation, participation, and directed teaching in the secondary grades. Course includes a seminar with the college supervisor. Student must have a minimum cumulative GPA of 2.75 in order to register for student teaching.

Prerequisites: MUS 2500, 3050, 3060, 3130, 3140, EDU 3100, 3220, Admission to Teacher Preparation Program, GPA 2.50.

4100, 4110. ADVANCED CONDUCTING AND SCORE READING I, II. (1, 1)

Analysis and rehearsal techniques of selected choral compositions by major composers. Music 4100 is prerequisite to 4110.

Prerequisites: MUS 3130, 3140.

4130. PIANO LITERATURE I. (2) *

Survey of keyboard music from 1700 through the Classical Period.

4140. PIANO LITERATURE II. (2) *

A study of piano literature from the Romantic, Impressionist, and Contemporary periods.

4160. KEYBOARD LITERATURE FOR THE CHURCH. (1)

A service playing course for the church pianist. Emphasis will be on congregational accompanying, service music, and improvisation.

4170. SONG LITERATURE. (3) *

A study of representative art songs from early Italian through contemporary song literature.

4181. VOICE PEDAGOGY. (2) *

A study of the principles of vocal technique; survey of practical teaching literature for voice.

4182. VOICE PEDAGOGY: SUPERVISED TEACHING. (1) *

A continued study of the principles of vocal techniques with one hour of supervised teaching.

Prerequisite: 4181.

4190. SACRED SOLO LITERATURE. (1)

A general survey of sacred solo literature for worship services, concerts, and teaching. Solo material from the major choral works will be included.

4201, 4202. CHURCH MUSIC FIELD WORK I, II. (1, 1)

Practical experience in the church music program under faculty guidance; critical analysis and discussion of problems.

One hour a week.

4230. INFORMAL KEYBOARD IMPROVISATION. (2)

A study of the art of hymn, gospel, and sacred solo accompanying.

4240. MUSIC MINISTRY ADMINISTRATION. (2)

A discussion of the non-musical responsibilities of the minister of music including the church music budget, the music library, equipment purchase, staff relations.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

4990. RUSSIAN DICTION FOR SINGERS (1)

A study of Russian diction in singing through the use of the International Phonetic Alphabet; decoding the Cyrillic alphabet; a study of the sounds of the language; vowels, consonants, glides, and diphthongs. The object of

this course is to teach accurate enunciation and pronunciation of Russian during the singing process.

Prerequisite: Junior or Senior status; MUS 2300, 2310.

** Offered in alternate years.*

APPLIED MUSIC

The student earning a degree, major, or minor in music will register for credit in a primary instrument each semester required by the program. In addition, the student will register for a secondary instrument, as required each semester, until the proficiency exam is passed. See the degree outlines for required credit and the Music Department Handbook for guidance in meeting performance standards.

Course Numbering System: The prefix (PIA, VOI, ORG) indicates the instrument studied. The first digit indicates the level or year of study; the second, the amount of credit to be earned; the third, the semester of registration. The last digit indicates the purpose of study: 1 = primary, 2 = secondary, 3 = elective.

Any student may register for applied music for elective credit, depending upon availability of instructors.

PRIMARY INSTRUMENT: PIANO (PIA), VOICE (VOI), ORGAN (ORG).

The emphasis of study in the primary instrument is to reach an advanced stage of technical and musical development using literature from all historical periods.

SECONDARY INSTRUMENT: PIANO (PIA), VOICE (VOI), ORGAN (ORG).

The emphasis of study in the secondary instrument is the development of basic techniques and skills on the instrument and a reasonable level of performance. Group Voice class may substitute for private lessons in that secondary.

MUSIC ACTIVITIES

All music majors are required to participate in a music ensemble for credit. Exact requirements are outlined in the degree descriptions. Twelve semester hours of ensemble credit is the maximum allowed to count toward a degree; not more than 2 semester hours of ensemble or music activity credit per year will transfer toward any degree at Shorter. See the Music Department Handbook for specific regulations. Ensemble credit may be registered as an elective by any qualified student.

Course Numbering System: The prefix (MUA) indicates the following music activities. The numbers shall be registered in ascending order, increasing each successive semester.

1101-1110. SHORTER CHORALE (1)

1201-1208. CHORUS (1)

1301-1308. SHOW CHOIR (1)

1401-1405. MADRIGAL SINGERS (1)

1501-1506. OPERA WORKSHOP (1)

1511-1518. OPERA THEATRE (1)
 1601-1602. OPERA CHORUS (1)
 1701-1708. RECITALS (0)
 1801-1808. BAND (1)
 1901-1908. VOCAL JAZZ ENSEMBLE (1)
 2001-2008. NWGA WINDS (1)
 2101-2102 SUPERVISED RECITAL ACCOMPANYING (1)
 (SENIOR STANDING ONLY)
 2201-2208. HANDBELL CHOIR (1)
 2401-2404. INSTRUMENTAL ENSEMBLE (1)
 2501-2508. VOCAL ENSEMBLE (1)
 2601-2608. WORLD MUSIC ENSEMBLE (1)
 2701-2704. MUSICAL THEATRE WORKSHOP (1)

NATURAL SCIENCE (NAS)

1001/02,2001/02,3001/02,4001/02. SCIENCE SEMINAR. (1 EACH)

Student, faculty, and visiting lecturer presentations of scientific topics in a seminar forum.

Required for freshman (1001/02) and sophomore (2001/02) students who have declared a major in the Natural Sciences (Biology, Chemistry, or Ecology & Field Biology) or students who are seriously considering such a major.

Required of junior (3001/02) and senior (4001/02) science majors. (Senior science majors who are enrolled in the teacher education program will not be required to register for 4002.)

1010. PHYSICAL SCIENCE I. (4)

An interdisciplinary course in the physical sciences. Selected topics from physics and chemistry will be considered.

Three hours lecture, two hours lab per week.

1020. PHYSICAL SCIENCE II. (4)

An interdisciplinary course in the physical sciences. Selected topics from geology, geography, and astronomy will be considered.

Three hours lecture, two hours lab per week.

2301. ECOLOGY OF BARRIER ISLANDS. (1)

A field course with on-site study in the coastal area of Georgia.

This course may be registered as NAS 3301, 3302, 3303 for additional credit.

2990. SELECTED TOPICS. (1-4)

Variable subject content.

3200. EVOLUTION OF THE EARTH (3)

A course designed to study the geological and biological evolution of the earth. Includes topics from botany, zoology, geology, and paleontology.

Prerequisite: BIO 1010

Approved as an IS (Integrative Studies) course.

3250. INTRODUCTION TO CONSERVATION BIOLOGY.

See BIO 3250.

3540. ENVIRONMENTAL QUALITY. (3)

An interdisciplinary approach to human ecology which examines the dynamics of population, its impact upon biotic and abiotic resources, and environmental consequences of present and future growth.

Prerequisites: BIO 1010, CHE 1040, EAS 2010.

Exceptions with the permission of the instructor.

3900. FIELD STUDIES. (1-4)

3950. ISSUES IN BIODIVERSITY CONSERVATION.

See BIO 3950.

3990. SPECIAL TOPICS. (1-4)

Variable subject content.

4050. ENVIRONMENTAL SCIENCE INTERNSHIP. (6-15)

A one-semester work-study experience in measurement, analysis, and problem solving with an industry or governmental agency.

4151,4152. CURRENT TOPICS IN SCIENCE. (2, 2)

A discussion course centering around current discoveries in science and their implications. Participants read and abstract articles in professional journals.

Open to upper division students from all departments.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

PHILOSOPHY (PHI)

THE MRS. COLUMBUS ROBERTS DEPARTMENT OF RELIGION AND PHILOSOPHY

3000. INTRODUCTION TO PHILOSOPHY. (3)

An introduction to Western philosophy, considering epistemology, metaphysics, religion, ethics, and political theory.

3130. ETHICS. (3)

An introduction to moral philosophy and applied ethics, examining the major ethical theories and methods of the Western philosophical traditions, and applying these theories and methods to issues in contemporary societies.

3135. ETHICS IN GLOBAL PERSPECTIVE. (3)

An examination of key concepts and debates in the study of ethics in the global village, including ethical theories and systems, religious and secular justifications of ethics, pluralism, community, virtue, human rights, violence and nonviolence, and selected areas of applied ethics.

3136. ENVIRONMENTAL ETHICS (3)

A study of the role of values, rights, obligations, and priorities in the relationship between humans and the natural environment, with attention to Christian perspectives in environmental ethics.

3140. PHILOSOPHY OF RELIGION. (3)

A discussion of the fundamental problems of religion with the aim of understanding and integration of the student's religious thinking. Such problems as the relations of science, philosophy, and religion; the nature of religion; the existence of God; the meaning of prayer and of immortality will be considered.

3150. CHRISTIAN ETHICS. (3)

An introduction to the discipline of Christian Ethics, which integrates biblical and theological studies, moral philosophy, and the social sciences in developing a coherent account of the Christian life, including an exploration of Christian responses to contemporary social issues.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4110. CLASSICAL AND MEDIEVAL PHILOSOPHY. (3)

The development of intellectual insights in the European tradition with emphasis upon Plato, Aristotle, Augustine, and Aquinas.

4120. MODERN PHILOSOPHY. (3)

The impact of new intellectual developments upon philosophy; the major philosophical developments before and after Kant; recent movements and approaches to philosophy.

4130. ETHICS AND POPULAR CULTURE (3)

An examination of American popular culture through the lens of ethics, this course seeks to expose the dominant values implicit in selected popular culture texts and to move toward an ethical critique of popular culture.

4131.ETHICS IN BIBLICAL LITERATURE (3)

An examination of the social and political philosophies and ethical theories expressed in the literature of the Bible, with comparison to major ideas in the Western philosophical heritage.

4132. SOCIAL AND POLITICAL PHILOSOPHY (3)

A study of classical and contemporary theories of the nature and structure of human social and political life; topics include theories of justice, the idea of the common good, ethics and economic life, consent theory, human rights, and globalization.

4250,4260. INDEPENDENT STUDY. (3,3)**4990. SPECIAL TOPICS IN ETHICS (3)**

A specialized study of a selected area of ethical inquiry, such as a study of an influential thinker or a study of influential recent writings in some area of applied ethics.

PHYSICS (PHY)**1030. GENERAL PHYSICS I. (4)**

A non-calculus-based introduction to physics covering classical mechanics, fluid dynamics, and heat.

Three hours lecture, three hours lab per week.

Prerequisites: MAT 1110, 1120. Exceptions with permission of instructor.

1040. GENERAL PHYSICS II. (4)

Continuation of PHY 1030 covering electricity and magnetism, optics and light, and the structure of the atom.

Three hours lecture, three hours lab per week.

Prerequisite: PHY 1030 or consent.

1990. SELECTED TOPICS. (1-4)

Variable subject content.

Prerequisite: PHY 1040 or consent of instructor.

2100. MODERN PHYSICS. (2)

The development of the modern structure of physics theory, with special emphasis on the theories of special relativity and quantum mechanics. The historical and philosophical context of key concepts in physics will also be discussed.

Prerequisite: PHY 1030, 1040.

POLITICAL SCIENCE (POS)**1101-1103. MODEL UNITED NATIONS (1, 1, 1)**

Designed to simulate the basic structural tenets and procedural framework of the United Nations. Working knowledge of how national interests motivate member states is gained through role-playing in parliamentary proceedings, diplomacy, research, public speaking, and critical thinking exercises.

2010. INTRODUCTION TO POLITICAL SCIENCE (3)

The strategies of the discipline of political science and how it incorporates knowledge from other fields of study.

2110. AMERICAN GOVERNMENT (3)

A survey of the colonial background, the growth of the federal constitution, and the modern day organization and function of the national government.

2510. GEOGRAPHY AND WORLD POLITICS (3)

The linkages among geographical factors, political processes, and economic systems. The basic assumption is that the relationship between humanity and space, and nature and locations, immediately impact political events. Its concern moves beyond the historic study of geopolitics into environmental and survival questions.

2520. INTERNATIONAL ORGANIZATIONS AND INTERNATIONAL LAW (3)

A survey of international organizations and the nature of international law. Of particular interest will be the study of the structural and procedural framework of the United Nations. Students will participate in Model UN related activities such as researching diplomatic interests of nation-states, role-playing in parliamentary proceedings, public speaking, and critical thinking exercises. When possible, the class will participate in Model UN conferences.

3140. COMPARATIVE GOVERNMENT (3)

A comparative study of the evolution of political institutions and governing systems in western and non-western societies. Students will learn the theory to establish basic similarities and differences between the systems.

3150. AMERICAN DIPLOMATIC HISTORY (3)

See HIS 3150.

3180. WESTERN POLITICAL THOUGHT (3)

A survey of the political ideas in Europe from ancient times to the modern period.

3260. INTERNATIONAL RELATIONS (3)

A study of the background, goals, and methods of the interrelations of modern governments with attention to recent events. It will also examine the major theoretical viewpoints that help explain the nature of pre- and post-cold war patterns.

A requirement of all majors.

3290. EMERGING NATIONS (3)

See HIS 3290.

3300. POLITICS OF DEVELOPING STATES (3)

An introduction to the historical, political, and social forces that have shaped the evolution of developing states, often referred to as "Third World countries." The course will also examine theoretical positions that attempt to explain the causes of underdevelopment.

3420. CONSTITUTIONAL LAW (3)

See CRJ 3420.

3500. THE AMERICAN JUDICIAL SYSTEM (3)

An examination of the history of the federal courts, their jurisdiction, the appeals process, their relationships to state courts, the functioning of the United States Supreme Court, and the political interactions of the federal courts with: the presidency, congress, and the public.

3600. POLITICS AND MEDIA (3)

An examination of the relationship between politics and the media in the United States, including the ideals and controversies involved in that relationship.

3610. GEORGIA POLITICS (3)

A survey of the historical and political evolution of Georgia state politics within the context of the American political system. Students will learn to analyze major political events that have shaped politics in the state.

Prerequisite: POS 2010 or 2110.

3700. CONGRESS AND THE LEGISLATIVE PROCESS (3)

An analysis of the structure and processes of the United States Congress, the behavior of its members, and the relationships of the Congress to interest groups, the public, the president, and the bureaucracy.

3800. THE AMERICAN PRESIDENCY (3)

An analysis of the historical development, the growth of presidential power, development of the institution, styles of presidential leadership, and the relations between the president, congress, the judiciary, and the public.

3990. SPECIAL TOPICS (1-3)

Variable subject content.

4050. INTERNSHIP (3)**4130. PUBLIC ECONOMICS (3)**

See ECO 4130.

4180. COMPARATIVE ECONOMIC SYSTEMS (3)

See ECO 4180.

4200. RESEARCH METHODS IN POLITICAL SCIENCE (3)

An examination of the strategies and processes of research in all political systems.

Prerequisite: POS 2010 or 2100.

4210. RESEARCH ANALYSIS (3)

See PSY 4210.

4250, 4260. INDEPENDENT STUDY (1-3, 1-3)**4270. POLITICAL PARTIES AND THE ELECTORAL PROCESS (3)**

A survey of the development, organization, and function of American political parties with a focus on their operation in national elections.

4280. U.S. FOREIGN POLICY SINCE 1941 (3)

A survey of the position of the United States in the world as it developed from the diplomacy of World War II. Particular attention is given to the U.S.-Soviet confrontations and problems resulting from decolonization.

PSYCHOLOGY (PSY)**1010. INTRODUCTION TO PSYCHOLOGY (3)**

An introduction to the study of human behavior. Such topics as the organism, development, perception, learning, sensory processes, personality, and group influences are considered in relation to human behavior.

Prerequisite for all 3000 and 4000 level Education and Psychology courses.

2001. SOPHOMORE SEMINAR (½)

An introduction to the major over the course of three meetings, outlining degree requirements including the electronic portfolio and the internship, and exposing the student to content in the field.

2050. PSYCHOLOGY OF ADJUSTMENT (3)

A study of the processes of human adjustment, adaptational and environmental influences. Development of self-understanding, constructive management of emotion and stress, sexuality, motivation, and healthy interpersonal relationships are analyzed.

3050. THEORY AND PRACTICE OF COUNSELING (3)

A study of the concepts, assumptions, and practices of the major theoretical systems of counseling and psychotherapy.

Prerequisite: PSY 1010.

3055. COUNSELING SKILLS (3)

An introduction to the skills of communication for helping relationships. Topics include empathy, probing and summarizing, challenging resistance, timing, and problem solving.

Prerequisite: PSY 3050.

3060. SOCIAL PSYCHOLOGY (3)

Using both psychology and sociology, the course will address and individual's potential effect on culture/society and the reverse. Students will explore recent research in both disciplines.

Approved as an IS (Integrative Studies) course.

3090. MARRIAGE AND THE FAMILY (3)

See SOC 3090

3110. ABNORMAL PSYCHOLOGY (3)

A study of the diagnostic classifications, symptoms, dynamics, therapy, and prognosis of various abnormal behavioral responses, within the cultural and historical context.

Prerequisite: 3000 level PSY course.

3130. INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY (3)

An introduction course to the experimental methodology in modern psychology and its relation to other methodologies as devices for obtaining knowledge of human behavior.

3150. PSYCHOLOGICAL TESTS AND MEASUREMENTS (3)

An introduction to the construction, application, and interpretation of psychological tests in clinical, organizational and research contexts.

3160. GENDER STUDIES (3)

See SOC 3160.

3210. CHILDHOOD AND ADOLESCENT DEVELOPMENT (3)

A survey of theory and research concerning continuities and changes from conception through adolescence as functions of the physiological, cognitive, emotional, social, and moral development of the normal individual. Familial, peer group, educational and cultural contexts will be included. Prerequisite: PSY 1010.

3220. ADULT DEVELOPMENT AND AGING(3)

A survey of theory and research concerning continuities and changes from post-adolescence through the end of life as functions of physiological, cognitive, emotional, social, and moral development of the normal individual. Familial, peer group, work and cultural contexts will be included. Prerequisite: PSY 1010

3500. STATISTICS FOR PSYCHOLOGY AND SOCIOLOGY (3)

An introduction to the statistical concepts and procedures for the social sciences: frequency distributions, Z-scores, hypothesis testing, t-test, ANOVA, correlation analysis, linear regression analysis, chi square, and non-parametric statistical concepts. Emphasis is placed on solving psychological and sociological statistical problems with an introduction to computer statistical programs for the social sciences.

Prerequisite: MAT 1060 or 1110.

3800. DESCRIPTIVE RESEARCH & DESIGN (3)

The first of a two-course sequence combining social science methodology and the accompanying statistics. Covers the ethics of research with human participants, literature review and descriptive methodology such as survey/questionnaire and naturalistic observation. The accompanying statistical techniques (bivariate correlation, chi square and multiple regression) will be taught using a computerized statistical package.

Prerequisite: MAT 3180 or PSY/SOC 3500.

3801. EXPERIMENTAL RESEARCH & DESIGN (3)

The second in a two-course sequence combining social science methodology and the accompanying statistics. Focus is on experimental research methods including laboratory and field experiments utilizing independent and matched t-tests and between-groups and repeated measures ANOVA. The accompanying statistical techniques will be taught using a computerized statistical package.

Prerequisite: PSY/SOC 3800.

3900. FIELD STUDIES (1-3)**3900. SPECIAL TOPICS (1-3)**

Variable subject content.

4050, 4060. INTERNSHIP I, II (3, 3)**4080. HISTORY AND CONTEMPORARY SYSTEMS IN PSYCHOLOGY (3)**

An examination of the systems in contemporary in relation to their historical background and an evaluation of their fundamental assumptions, methodologies, and problems.

4140. GROUP PROCESSES: THEORY AND PRACTICE (3)

The study and application of knowledge, skills, and values relevant to leadership and membership in groups through theory, skill practice sessions, and intensive group discussion. Students will participate in a group in order to experience group processes.

4170. COGNITIVE PSYCHOLOGY (3)

A study of the basic perceptual processes of attention and memory as well as more complex topics such as artificial intelligence, cognitive neuroscience, creativity, decision making, intelligence, language and problem solving.

Prerequisite: PSY 1010.

4171. PHYSIOLOGICAL PSYCHOLOGY (3)

An overview of the nervous system and its functioning, including neural communication, development and evolution of the brain, the sensory systems, hormones and sex, sleeping and dreaming, and learning and memory.

Prerequisite: PSY 1010

4250, 4260. INDEPENDENT STUDY (1-3, 1-3)**4300. ETHICS IN COUNSELING (3)**

An investigation of the current ethical and legal concerns in the professional practice of counseling and the helping professions. Ethical theory, decision-making processes, and legal aspects of client-counselor relationships will be examined.

4310. PERSONALITY THEORIES (3)

A study of representative psychological theories concerned with personality. A comparison of the theories will be made and frameworks suggested for their evaluation.

Prerequisite: PSY 1010

4901. SENIOR SEMINAR I (1)

An examination of the broad themes in psychology as a synthesis of the psychology major in seminar format. Students will make seminar presentations and lead discussions.

Required of Psychology majors; taken in fall semester of senior year.

4902. SENIOR SEMINAR II (1)

A continuation of PSY 4901. Students will take a comprehensive examination in psychology and present the results of a research project.

Required of Psychology majors; taken in spring semester of senior year.

RELIGION (REL)

THE MRS. COLUMBUS ROBERTS DEPARTMENT OF
RELIGION AND PHILOSOPHY

1510. INTRODUCTION TO RELIGIOUS STUDIES: CANON. (3)

An introduction to the study of religion, particularly Christianity. At its core lies an investigation into canon, creed and church. This course will emphasize a study of the Christian canon.

1520. INTRODUCTION TO RELIGIOUS STUDIES: CHURCH. (3)

An introduction to the study of religion, particularly Christianity. At its core lies an investigation into canon, creed and church. This course will emphasize the study of the history of Christianity in the modern period.

1530. INTRODUCTION TO RELIGIOUS STUDIES: CREED. (3)

An introduction to the study of religion, particularly Christianity. At its core lies an investigation into canon, creed and church. This course will emphasize the study of

Creed (Christian Theology). We will attempt to answer such questions as: Who is God? How did sin enter the world? Why is there evil and suffering? How is God three in one?

2001, 2002. RELIGION AND PHILOSOPHY SEMINAR. (1/2, 1/2)

Student and faculty presentations of selected topics in a seminar forum. Open to sophomore potential Religion and Philosophy, Religious Studies, or Christian Ministry majors as an elective course with the consent of the seminar director.

2010. PREACHING AND PUBLIC WORSHIP. (3)

An introduction to the principles of sermon preparation and delivery and to the conduct of public worship.

2020. INTRODUCTION TO CHRISTIAN EDUCATION. (3)

An introductory course intended to indicate the general contents of the field of Christian education – history, theory, current practices, and problems.

3001, 3002. RELIGION AND PHILOSOPHY SEMINAR. (1/2, 1/2)

Student and faculty presentations of selected topics in a seminar forum. Open to Junior Religion and Philosophy, Christian Ministry, or Religious Studies majors.

3030. WORLD RELIGIONS. (3)

An investigation of the universality and nature of religion, its variety of forms in the religions of the world, and the personalities of their founders.

3040. OLD TESTAMENT LIFE AND LITERATURE. (3)

A study of the background, origin and development of the Hebrew nation and religion through a study of the Old Testament.

3045. PSALMS AND WISDOM LITERATURE (3)

A study of the literary and theological characteristics of selected texts from the Psalms and Wisdom Literature in the Hebrew Bible.

3050. PROPHETIC LITERATURE OF THE OLD TESTAMENT. (3)

A study of the meaning and nature of the prophetic elements in religion through a study of the development of prophetic religion in the Old Testament.

Departmental permission required.

3060. LIFE AND TEACHINGS OF JESUS. (3)

A detailed study of Jesus as His life and teachings are recorded in the Synoptic Gospels.

Departmental permission required.

3070. PAULINE LITERATURE IN THE NEW TESTAMENT. (3)

A detailed study of the life and work of Paul as found in the Book of Acts and in his own writings, with special emphasis upon his interpretation of Christ.

Departmental permission required.

3080. POSTAPOSTOLIC CHRISTIANITY. (3)

A detailed study of Hebrews, John, Revelation, and other later New Testament documents, together with a brief treatment of non-canonical Christian materials coming from the same period.

Departmental permission required.

3090. CHRISTIAN THEOLOGY. (3)

An intermediate study of the major doctrines of the Christian faith. This course deals with God and revelation, the person and work of Christ, the person and work of the Holy Spirit, and the nature and destiny of persons.

3120. HEBREW I (3)

A basic introduction to Hebrew grammar that prepares the student to translate the Hebrew scriptures.

3121. HEBREW II (3)

A study of Biblical Hebrew grammar and syntax, designed to prepare the student to read and interpret the narrative texts of the Hebrew Bible.

3130. STORY AND CHARACTER IN THE OLD TESTAMENT (3)

A study of the literary characteristics of the Old Testament in order to examine ethical and theological dimensions of the text. The class uses concepts from literary criticism such as plot development, characterization, metaphor, and perspective in order to understand more fully the design of the stories.

3210. NEW TESTAMENT GREEK I. (3)

Study of New Testament (Koine) Greek grammar, designed to prepare the student to translate the Greek New Testament.

3220. NEW TESTAMENT GREEK II. (3)

A study of New Testament Greek grammar and syntax, designed to prepare the student to read and interpret the Greek New Testament. The class will emphasize the translation and interpretation of one New Testament book.

Prerequisite: REL 3210.

3250. NEW TESTAMENT LIFE AND LITERATURE. (3)

An intermediate survey of the literature of the New Testament including significant attention to the First-Century Greco-Roman world.

3260. HISTORY OF THE BAPTISTS. (3)

A study of Baptist origins, historical development, principles, leaders, and current trends.

Departmental permission required.

3340. RELIGION AND POPULAR CULTURE. (3)

An exploration of the relationship between religion and popular culture, with a focus on American popular culture. Television, film, popular music, and sports will be included. Attention will be given to theory and method in the study of popular culture, the interaction between religious practices and popular culture, the religious dimensions of popular culture forms and texts, and popular religiosity as a subject of academic inquiry.

Approved as an IS (Integrative Studies) course.

3640. CONGREGATIONAL LEADERSHIP IN THE TWENTY-FIRST CENTURY. (3)

An introduction to church leadership theory and practice that addresses such issues as organizational dynamics, communication, conflict and negotiation, power and authority, vision-setting and church financial management.

3650. SPIRITUALITY AND FAITH DEVELOPMENT (3)

An introduction to the theory of faith development and an exploration of the history and practice of spiritual development.

3660. A SURVEY OF CHURCH RECREATION. (3)

Study and analysis of church recreation programs, including an examination of church recreation publications such as: "A Guide to Sports and Games," "A Guide to Retreats," "A Guide to Camping," etc.

3670. FAMILY MINISTRY. (3)

An exploration of ways the church can minister to the family in all its forms. Attention is given to the form of the family and how the church can help meet those needs through education, program design, and other ministries.

3680. INTRODUCTION TO YOUTH MINISTRY (3)

An exploration of the philosophical, theological, and practical foundations of youth ministry. The course will include an examination of the objectives and goals of the total youth ministry program and will examine current trends and developmental issues having to do with adolescence.

3400. THE MUSLIM WORLD (3)

See HIS 3400

3800. CHRISTIANITY AND POSTMODERNISM. (3)

The cultural and philosophical foundations of postmodernism and the implications of the postmodern mindset for Christianity in the twenty-first century.

3910. PRACTICUM I. (1)

An in-service practicum done in a recreation or leisure setting.

3920. PRACTICUM II. (3)

An in-service practicum done in church setting. In consultation with faculty and field supervisors, students will apply their classroom studies to the field of Youth Ministry.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4001, 4002. RELIGION AND PHILOSOPHY SEMINAR. (1/2, 1/2)

Student and faculty presentations of selected topics in a seminar forum. Open to Senior Religion and Philosophy, Christian Ministry, or Religious Studies majors.

4010. HISTORY OF CHRISTIANITY (3)

A survey of the history of Christianity from the first century to the late Middle Ages.

4020. AMERICAN RELIGIOUS HISTORY (3)

A survey of the historical development of American religions and of the influence of religion upon American history and thought.

4030. HISTORY AND PRACTICE OF ASIAN RELIGIONS (3)

A study of the histories, philosophies, and traditions of religions in Asia with particular emphasis upon Hinduism, Buddhism, Taoism, Confucianism, Shintoism, and indigenous Asian religions.

4040. WESTERN RELIGIONS. (3)

An examination of the histories, philosophies, and traditions of such western religions as Judaism, Christianity, and Islam. Some attention will also be given to indigenous African and American religions.

4041. RENAISSANCE AND REFORMATION (3)

See HIS 4040.

4050. SUPERVISED MINISTRY INTERNSHIP. (3)

For Christian Ministry majors only.

4100. JOHANNINE LITERATURE. (3)

A detailed study of the Johannine literature, with an emphasis on the Gospel of John. Particular attention will be given to an analysis of the Gospel and the history of its interpretation.

Departmental permission required.

4110. PORTRAITS OF JESUS. (3)

A survey of ways in which the life of Jesus Christ has been represented from the early church to modern society. Attention will be given to the pictures of Jesus present in literature, art, music, and film.

Approved as an IS (Integrative Studies) course.

4230. BIBLICAL INTERPRETATION. (3)

An advanced study of theories and methods used to interpret the Bible. Specific attention will be given to modern biblical interpretation and the application of methods to biblical texts.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

4280. WOMEN IN CHRISTIAN HISTORY. (3)

A study of women's contributions to Christian history, as well as an assessment of the church's historic understanding of the place of women in church and culture.

4300. THE BIBLE AND AMERICAN CULTURE. (3)

An examination of the relationship between the Bible and American culture. Particular attention will be given to popular literature, film, theater, and art throughout American history.

4320. EVANGELISM AND AMERICAN CULTURE. (3)

A survey of the historical, biblical, cultural, ethical, and strategic dimensions of Christian mission and evangelism in the United States. The course introduces students to the key

issues in the theory and practice of missions and evangelism in an increasingly pluralistic American culture.

4330. CONTEMPORARY CHRISTIAN THOUGHT. (3)

An examination of the dominant theological movements of the twentieth century, with special attention given to Christian Existentialism, Neo-Orthodoxy, Liberalism, Theology of Hope, Liberation Theologies, Evangelicalism, and Narrative Theology.

4340. FAITH AND SUFFERING IN RELIGIOUS LITERATURE (3)

A discussion of how suffering is addressed in religious expression including the Bible and contemporary religious literature.

Approved as an IS (Integrative Studies) course.

4360. GLOBAL CHRISTIANITY. (3)

A survey of theological ideas emerging from Africa, Asia, Latin America, and some marginalized groups like women and minorities in the West. Attention will also be given to the social and political impact of these ideas.

Departmental permission required.

4380. CHRISTIANITY AND LITERATURE. (3)

An investigation of the various ways in which Christianity has been represented and expressed in literary works. This course will focus on such expression in English and American literature.

Departmental permission required.

Approved as an IS (Integrative Studies) course.

4390 PENTATEUCH (3)

A detailed study of the literary and theological characteristics of texts of the Torah in the Hebrew Bible.

SOCIOLOGY (SOC)

1010. INTRODUCTION TO SOCIOLOGY (3)

A fundamental course designed to acquaint the student with the field of sociology and its concepts. General principles, culture, collective behavior, personality, human ecology, social institutions, and social changes are studied.

Prerequisite for all 3000 and 4000 level Sociology courses.

2030. SOCIAL PROBLEMS (3)

A study of the nature of social disorganization in contemporary society. The course attempts to describe and explain individual, family, community, national, and international lack of conformity to desirable norms.

3040. INTRODUCTION TO SOCIAL WORK (3)

Analysis of the structure of public and private social work agencies in the U.S. Function is studied as the means through which social welfare agencies accomplish their goals. Field work included if available.

3050. RACIAL AND ETHNIC MINORITIES (3)

A study of ethnic composition of the population of the United States and of social interaction characteristic of the dominant and minority groups in various regions.

3060. SOCIAL PSYCHOLOGY (3)

See PSY 3060

Approved as an IS (Integrative Studies) course.

3080. CRIMINOLOGY (3)

See CRJ 3080.

3090. MARRIAGE AND THE FAMILY (3)

A study of contemporary marriage and the alternative family forms. Attention will be given to special problems arising from each type of relationship.

3160. GENDER STUDIES (3)

Analysis of changes in sex-role behavior and life style in different classes and ethnic groups in society and their impact on individuals and the social structure.

3300. JUVENILE DELINQUENCY (3)

The major focus will be on youth and the ways in which they come to interact with the criminal justice systems. Appropriate theories of delinquency will be covered in an attempt to explain such behavior. Types of rehabilitation and their success will be included.

3500. STATISTICS FOR PSYCHOLOGY AND SOCIOLOGY (3)

See PSY 3500.

3800. DESCRIPTIVE RESEARCH AND DESIGN (3)

See PSY 3800.

3801. EXPERIMENTAL RESEARCH AND DESIGN (3)

See PSY 3801.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4010. FIELD RESEARCH. (1-3)

The development and execution of a social research design with emphasis focused on the student's research abilities as a job-related skill.

4030. SOCIAL THEORY. (3)

A review of the major theories of social life, both European and American. Emphasis is on historical theories and their influences on modern theory. Contributions of Comte, Durkheim, Spencer, Ward, Cooley, Sumner, and others are considered.

4050, 4060. INTERNSHIP. (3, 1-3)

Structured opportunities for practical experience in human service areas.

Limited to sociology majors and minors.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

SPANISH (SPA)

Native French, Spanish, or German speakers are not allowed to take any courses in their native language below FRE 3040, SPA 3020, or GER 3990, unless otherwise advised by the instructor. Students native in any of these languages may fulfill their requirements 1) by pursuing the usual sequence in a language other than their native one or 2) by taking six semester hours of courses numbered at or above those listed.

All incoming freshman who fit both of the criteria below are required to take the foreign language placement test:

a) have three years or more of a single foreign language in high school, AND

b) anticipate taking the same language at Shorter

Students whose scores indicate readiness for intermediate classes will not be allowed to enroll in elementary classes without special permission of the instructor.

1010, 1020. ELEMENTARY SPANISH I, II. (3, 3)

Fundamentals of pronunciation, grammar, conversation, and reading of texts of graded difficulty.

Three hours lecture, one hour lab per week.

2010, 2020. INTERMEDIATE SPANISH I, II. (3, 3)

Review and continuation of grammar; composition, training for oral proficiency. Course includes reading of modern literary works of Spain and Latin America.

Prerequisites: Two units of high school Spanish, or SPA 1010, 1020.

Three hours lecture, one hour lab per week.

3010. ADVANCED CONVERSATION AND COMPOSITION. (3)

Composition and thorough review of grammar; continued emphasis on developing the basic skills of communication in Spanish. The course includes readings and discussion of Spanish literary selections, civilization, and culture.

Prerequisite: SPA 2020.

3020. SELECTED READINGS IN SPANISH. (3)

Reading and discussion of selected works of contemporary Hispanic writers.

Prerequisite: SPA 2020.

3030. INTRODUCTION TO SPANISH LITERATURE. (3)

Reading and analysis of selected works of Spanish literature with emphasis on the twentieth century.

Prerequisite: SPA 2020.

3110. SPANISH CIVILIZATION AND CULTURE. (3)

A study of the geography, history, arts, and major figures of Spain from the beginnings to the present.

Prerequisite: SPA 3010.

3150. SPANISH LITERATURE: MIDDLE AGES TO 1700. (3)

Reading and analysis of the major works of representative Spanish writers from the origins of Spanish literature through the seventeenth century.

Prerequisite: SPA 3010.

3160. SPANISH LITERATURE: 1700 TO THE PRESENT. (3)

Reading and analysis of the major works of representative Spanish writers from 1700 to the present.

Prerequisite: SPA 3010.

3250. INTRODUCTION TO LATIN AMERICAN LITERATURE. (3)

An introduction to the pre-Columbian heritage, followed by a study of the prose of exploration, the Colonial period, and the wars of independence and modernism.

Prerequisite: SPA 3010.

3300. SPANISH-AMERICAN CIVILIZATION AND CULTURE. (3)

A study of the geography, history, arts, and society of Latin America from pre-Columbian times to the modern period.

Prerequisite: SPA 3010.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

Prerequisite: SPA 3010.

4100, 4110. THE GOLDEN AGE I, II. (3, 3)

Spanish literature of the sixteenth and seventeenth centuries, with particular emphasis on Don Quixote and the principal dramatists.

Prerequisite: Senior standing.

4250, 4260. INDEPENDENT STUDY. (1-3, 1-3)

Prerequisite: Senior standing or permission of instructor.

SPORT STUDIES (SPS)

1500. INTRODUCTION TO SPORT STUDIES (1)

Preferred as a freshman-level class, this course will provide overviews of curriculum, requirements, field studies, practica, as well as potential career opportunities in sport and related fields.

2500. FOUNDATIONS OF SPORT (3)

Survey of the historical, philosophical and social foundations of sport and related fields, and an expansion of topics in the Introduction to Sport Studies course.

2900, 3900, 3901. SPORT MANAGEMENT PRACTICUM (1, 1, 1)

Preferred as one each in sophomore, junior and senior years. Criteria for practicum work include application to and acceptance into the program. Student is responsible for arrangements for each practicum, in consultation with faculty advisor. Evaluation to be completed by both faculty member and site supervisor.

Approval of program chair required.

3000. CONTEMPORARY ISSUES IN SPORT (3)

Examination of sport and society in areas such as ethics, gender, media, violence, performance-enhancing drugs, youth sports, safety, and education.

3500. SPORT COACHING (3)

Theories and philosophies of coaching, including team selection, scheduling, and school/community relations. This course may address specific sports, e.g., basketball, football, soccer.

3600. SPORT MARKETING (3)

Promotion of events, sport advertising, elements of events planning.

3700. SPORT ADMINISTRATION (3)

Budgeting, hiring, scheduling of games, events and classes, staff evaluations, event management.

4050. INTERNSHIP (12)

Intended as a full-semester load, to be completed on-site in field setting. Evaluation to be completed by both faculty and site supervisor. A minimum of 450 hours of qualified work expected for fulfillment of credit.

Approval of program chair required.

STUDENT DEVELOPMENT (SDV)

2110. CRITICAL THINKING. (3)

An introduction to the nature of arguments, their various types (inductive, analogous, and deductive), how they can be evaluated, and what constitutes logical fallacies. The course teaches practical reasoning skills which can be applied to any academic area as well as to living in general.

3000, 3010. COLLOQUIUM SEMINAR. (2)

A course designed for the student teachers of the small group sessions of SDV 1010 and 1020. Topics include teaching/learning theory and developmental stages of college students as well as the subject matter of the sessions.

4000. CAREER PROFESSIONALISM. (1)

Experience in organizational research, résumé writing, and the strategies beneficial to career building and success. Lectures, videotapes, and guest speakers will be utilized.

THEATRE (THE)

1150, 1160. THEATRE LABORATORY I, II. (1, 1)

Participation in one-act plays and major productions. This course may be registered as 2150, 2160, 3150, 3160, 4150, and 4160 for additional credit. A total of 8 hours credit may be applied to the degree.

1200. PROFESSIONAL THEATRE WORKSHOP I. (1-3)

May be registered as 2200, 3200, and 4200 for additional credit.

1360. STAGE MOVEMENT I. (3)

The foundations of body movement for the actor. Center alignment, physical conditioning and warm-up for the actor, gesture, movement analysis and scoring are explored. The movement theories of Rodolf Laban are introduced and explored. Other major movement systems are introduced.

2010. ACTING I. (3)

An introduction to twentieth century acting systems, focusing on the work of Constantine Stanislavski and the adjustments made to his work by Vakhtongdov, Chekov, Miesner, Strasberg, Hagen and other innovators. Lectures on the history and theory of these systems combine with practical acting exercises and rehearsals, allowing students to apply the systems to a partnered scene.

2020. ACTING II. (3)

A continuation of the study of modern acting systems. Emphasis is placed on script and character analysis as well as acting practice and rehearsal discovery. Students will prepare and perform a variety of partnered scenes.

Prerequisite: THE 2010.

2050. VOICE FOR THE ACTOR I. (3)

The foundations of voice for the stage actor. Respiration, phonation, resonance, articulation, release of excess tension, and vocal warm-ups are explored. Various voice theories and the International Phonetic Alphabet are introduced and applied to dramatic work.

2250. THEATRE APPRECIATION. (3)

An introductory survey course on the development of the physical theatre and its relationship to the dramatic works of the separate periods; a basic introduction to performed theatre. Lab work on major productions required.

3000. PLAYWRITING I. (3)

An introduction to the art of playwriting, this course includes writing exercises in idea, plot and character development. Students will develop and write both ten minute and one act plays.

3010. THEATRICAL PRODUCTION I. (3)

The basic concepts, elements, procedures, and craft techniques of theatrical stage technology and scenic design. Work on Shorter College theatrical productions is required.

3020. THEATRICAL PRODUCTION II. (3)

The basic procedures and concepts of theatrical lighting, audio design, and stage production management. Work on Shorter College theatrical productions is required.

3050. VOICE FOR THE ACTOR II. (3)

Further exercise designed to give the actor a responsive, expressive, and articulate voice. Continued work in IPA with a focus on dialects and accents.

3210. DEVELOPMENT OF DRAMA I. (3)

The major forms of Western dramatic literature from Aeschylus to Ibsen. Format will include discussion of assigned plays.

3220. DEVELOPMENT OF DRAMA II. (3)

The major forms of Western dramatic literature since 1870 with special emphasis on the avant garde experimental theatre. Format will include discussion of assigned plays.

3230. SOUTHERN DRAMA. (3)

This class will explore the definition of "southern" and its cultural implications. Areas of focus will be on applicable southern history, the roots of southern drama via the literary renaissance, and key dramatic figures from the turn of the century until the present. Biography, cultural customs and close study of playwrights' works will be paramount to class discussions.

3250. INTRODUCTION TO FILM. (3)

An introduction to basic film concepts, conventions, criticism, theory, and the myriad practices of film art.

3260. TECHNICAL DIRECTION AND STAGE MANAGEMENT. (3)

An introductory course designed to increase communication and organizational skills in all areas related to technical direction and stage management.

3320. AUDITION TECHNIQUES. (3)

Methods of auditioning for theatre and musical theatre. The course covers techniques of timed auditions, cold readings, callbacks, interview, improvisation, résumés, headshots, contracts and casting agents.

Prerequisites: THE 2020, 2050, 3360.

3325. THEATRICAL MAKEUP (3)

The basic procedures and concepts of theatrical makeup. The proper application of corrective, age, and fantastical makeup for the theatre.

3370. STAGE MOVEMENT II. (3)

Continuation of the study of body movement for the stage actor. Further examination of alignment, release of excess tension, warm-up for the actor, and movement analysis. Major movement systems such as Contact Improvisation, the Developmental Series, the T'ai Chi Breath Series, and social dance are introduced and explored.

3371. STAGE MOVEMENT III. (3)

Continuation of the study of stage movement for the actor. Concepts including advanced application of Contact Improvisation, neutral mask work, unarmed stage combat, and exercise/resistance training are explored and applied to the creation of character and dramatic expression through the physical body. Further study of the alignment and the release of excess tension.

3379. ADVANCED STAGE MOVEMENT. (1-3)

An opportunity for students with advanced movement skills to assist the instructor in a Stage Movement class.

3380. STAGE COMBAT. (3)

Techniques of period style fighting for the stage, including medieval broadsword, Renaissance rapier and dagger, and modern unarmed combat.

Prerequisite: THE 2010.

3390. PERIOD STYLES. (3)**3400. HISTORY OF AMERICAN MUSICAL THEATRE.**

See MUS 3400.

3460. THEATRE HISTORY I: CLASSICAL. (3)

The major trends and aspects of Western theatrical history from its origins to the dawn of Realism (1870).

3470. THEATRE HISTORY II: MODERN. (3)

The major aspects of European and American theatrical history from Realism to the present with special emphasis on the avant garde experimental theatre in the U. S.

3500. SCENE PAINTING. (3)

Introduction to scenic paints and materials. The course includes practical projects in painting perspective and typical scenic textures and construction materials such as wood, brick, stone, marble and moldings. Students also learn to create painter's elevations.

3501. SCENE PAINTING II (3)

Advanced projects in illusionistic painting. Drapery, Rembrandt copy, metal statuary, sepia photograph reproduction, and foliage. Painters elevations of Louis XV molding and Victorian drapery. Final project similar to the United Scenic Artists Union examination.

Prerequisite: THE 3500.

3600. INTRODUCTION TO SCENIC DESIGN. (3)

An introductory course to the scene design process and the tools of the scenic designer. Scenic research, analysis, sketching, drafting techniques, design drawings, perspective grids and scenic renderings are explored and practiced.

3610. SCENIC DESIGN II. (3)

Studies and exercises which demonstrate craft and research in advanced technical drawings, renderings of dramatic light and model building. Special focuses include Greek and Shakespearean theatre and wing and drop scenery.

Prerequisite: THE 3600.

3650. COMPUTER AIDED DRAFTING (CAD) FOR THE THEATRE (3)

Computer Aided Drafting. Using CAD based programming for drafting and plotting theatrically drafted drawings. Comparing CAD to manual drafting. Plotting. Speed. Precision. Neatness. Efficiency. Flexibility.

3660. METAL WORK: WELDING FOR THEATRE. (1)

An introduction to basic theatrical welding techniques. Developing skills in arc welding, and both stick and wire feed.

3990. SPECIAL TOPICS. (1-3)

Variable subject content.

4010. DIRECTING. (3)

Theory and exercises in directing plays and musicals.

Prerequisites: THE 2020, 2050, 3370.

4030. ACTING III. (3)

Studies in acting for Shakespearean plays. The concepts of scansion, literary devices, Elizabethan period style and character are explored and applied through the preparation and performance of sonnets, soliloquies, and scenes by Shakespeare.

Prerequisites: THE 1360, 2020, 2050, 3360.

4040. ACTING IV. (3)

Senior acting seminar. The course involves work in advanced acting scenes and plays. It is designed to address the post-graduation goals of each individual student.

4050. INTERNSHIP. (3)

Structured opportunities for theatrical production and performance experience.

Majors only.

4250, 4260. INDEPENDENT STUDY. (1-3,1-3)

4300. SENIOR CAPSTONE. (3)

VOICE (VOI)

4003-4004. VOCAL COACHING (1, 1)

Supervised study and instruction in preparation for degree recitals, showcases, or other performances.

Required of students pursuing degrees in Music Education, Church Music, and Musical Theatre in the semester of their recital. Required of students pursuing a degree in Voice performance in the semester of their junior recital and their entire senior year. May also be taken as 2003-2004 or 3003-3004.

Prerequisite: Successful passing of sophomore examination or permission of instructor.