

## COURSES OF INSTRUCTION

### Art

**ART 101 Drawing I** **3 Hours**

Basic introduction to drawing materials including pencil, charcoal, crayon, pen and ink concentrating on still life, drawing from nature, and study of basic principles of Art. Weekly labs required.

**ART 102 Drawing II – Life Drawing** **3 Hours**

Varied approaches to drawing the figure, developing a visual vocabulary, building hand-eye coordination. The same basic materials as in ART 101 plus wash, watercolor. Weekly labs required.

**ART 103 Two-Dimensional Design**

An emphasis on the importance of design principles as they relate to drawing, painting, printmaking and all other two-dimensional media, including commercial art. Weekly labs required.

**ART 200 Art Appreciation** **3 Hours**

Survey of great works and styles of art, including discussion of visual arts concepts, such as color theory and design, as well as aesthetics and art theory.

**ART 202 Painting I** **3 Hours**

Study of visual perception through the use of painting media, stressing both technical skills and individual expression, and exploring both form and content. Prerequisite: Permission of the instructor. Weekly labs required.

**ART 203 Painting II** **3 Hours**

An exploration of conceptual and compositional construction of painting and the relationship to various media. Instruction in the materials and techniques of opaque and transparent painting: study of pictorial space, composition and design, exploration of individual solutions, personal styles and philosophies. Weekly lab required.

**ART 205 Photography** **3 Hours**

An introduction to photographic processes including the use of camera and darkroom. Both technical and compositional aspects are stressed. Criticism and discussion. Cameras are not supplied.

**ART 208 Ceramics I** **3 Hours**

Introduction to the manipulation of clay, including hand-building, wheel-throwing, glazing and firing. Weekly labs required.

**ART 211 Art History I** **3 Hours**

A survey of the history of art from prehistory to the Renaissance.

**ART 212 Art History II** **3 Hours**

A survey of the history of art from Renaissance to the Contemporary.

**ART/EDU 320 Art for Teachers of the Young Child 3 Hours**

A course dealing with the study of art as part of a school program from the standpoint of appreciation through creative expression. Problems of color and design in water color, cut paper, clay, finger painting, lettering and paper mache.

**ART/EDU 322 Art for Middle Grades Teachers 3 Hours**

A course dealing with the study of art for Middle Grades teachers as part of a school program from the standpoint of incorporating the visual arts into the classroom presentation.

**BIOLOGY (BIO)**

**BIO 100 Biological Principles 3 Hours**

An introduction to the major concepts and principles of biology. A one-semester, non-laboratory survey for students who may not require 8 hours of laboratory sciences. May not be used as a substitute for a lab science course.

**BIO 101 General Biology I 4 Hours**

The first part of a two-semester course sequence that covers an introduction to the general concepts that form our current understanding of the molecular and cellular basis of life. Emphasis will be given to chemical concepts and to structure and function of the cell, its metabolism, DNA structure, and chromosome structure and of the mechanism of heredity. Lecture 3 hours; laboratory 2 hours, per week.

**BIO 102 General Biology II 4 Hours**

The second part of a two-semester course sequence in biology. This portion covers basic recombinant DNA technology, gene regulation, molecular genetics, transcription, translation, diversity of life, plant and animal form and structure, animal systems and ecology. Prerequisite: BIO 101 or consent of the instructor. Lecture 3 hours; laboratory 2 hours, per week.

**BIO/ENV SCI 150 Environment Science 4 Hours**

A presentation of the diverse issues related to the environment. Mechanisms of ecosystems, food production, natural resources, air and water quality, waste disposal and management, and other topics are discussed. The social, political and economic aspects of man's interaction with the natural environment are considered. May be taken as a Core lab science. May NOT be taken for credit as a Major Requirement for a degree in Biology. Three hours lecture , two hours lab per week.

**BIO 200 Scientific Research Methods and Techniques 2 Hours**

Course covers the proper design and analysis of results derived from scientific experiments. The course will also include extensive discussions of each component of a scientific research paper including the presentation and interpretation of research results in graphs, charts and figures. Current research techniques will also be discussed.

**BIO 202 Human Anatomy and Physiology I 4 Hours**

An introduction to biological processes and terminology, followed by an integrated study of the structure and function of the human body including tissues, integumentary skeletal, muscular, and somatic nervous systems. Lecture 3 hours; laboratory 2 hours per week. This course cannot be taken for credit in Biology degree programs. Prerequisite: BIO 101.

**BIO 203 Human Anatomy and Physiology II** **4 Hours**

A continuation of the study of the anatomy and physiology of the organs and systems of the human body including autonomic nervous, endocrine, circulatory, digestive, urinary, reproductive and respiratory systems. Prerequisite: BIO 202 or consent of the instructor. Lecture 3 hours; laboratory 2 hours per week. This course cannot be taken for credit in Biology degree programs.

**BIO 204 General Botany** **4 Hours**

A survey of the major division of plants with emphasis on their biological processes, life histories, and phylogenetic relationships. The economic importance of plants will also be considered. Prerequisites: BIO 101 and 102. Lecture 3 hours; laboratory 2 hours. On Demand.

**BIO 205 Invertebrate Zoology** **4 Hours**

A study of the classification, morphology, physiology, and natural history of the invertebrate phyla. Prerequisites: BIO 101 and 102. Lecture 3 hours; laboratory 2 hours . On Demand.

**BIO 206 Vertebrate Zoology** **4 Hours**

A study of the structure, functions, interrelations, and natural history of the vertebrate animals. Prerequisites: BIO 101 and 102. Lecture 3 hours; laboratory 2 hours. On Demand.

**BIO 250 Introduction to Microbiology** **4 Hours**

A course in general microbiology including study of fungi, algae, protozoa, viruses, but with special emphasis on bacteria. Students wishing to enter one of the various health care professions are encouraged to take this course in order to meet entrance requirements. Prerequisites: BIO 101 and 102. Lecture 3 hours; laboratory 2 hours per week.

**BIO 300 Cell Biology** **4 Hours**

Origin, structure, chemical composition and functions of cells and their components and organelles. Studies of major physiological processes and cellular differentiation will also be included. Prerequisites: BIO 101 and 102. Lecture 3 hours; laboratory 3 hours.

**BIO 310 Embryology** **4 Hours**

A study of the processes of development in multicellular organisms with particular emphasis on the vertebrate animals. Prerequisite: BIO 101, 102. Lecture 3 hours; laboratory 3 hours.

**BIO 320 Comparative Vertebrate Anatomy** **4 Hours**

The examination of vertebrate structure, with detailed laboratory dissection of representative forms. Prerequisite: BIO 101, 102. Lecture 3 hours; laboratory 3 hours.

**BIO 330 Plant Physiology** **4 Hours**

A study of the physiology of plants emphasizing vascular plants. Prerequisites: BIO 101, 102, a chemistry sequence is recommended. Lecture 3 hours; laboratory 3 hours.

**BIO/CHM 338 Biochemistry** **3 Hours**

Introduces molecules of biological importance. Topics include the chemistry of carbohydrates, lipids, proteins, nucleic acids, and enzymes and their role in metabolism. Prerequisites : CHM 335. This course may count as both a biology elective and as hours toward the chemistry minor. Lecture 3 hours per week. Offered on Demand.

**BIO 340 Entomology** **4 Hours**

A study of the morphology, physiology, classification and control of insects. The course includes laboratory work in techniques of collecting, identifying, and preserving insects. Prerequisite: BIO 101, 102. Lecture 3 hours; laboratory 3 hours.

**BIO 350 Biogeography** **3 Hours**

The geographical distribution of living organisms, past and present, will be studied. Animal and plant patterns of distribution will be considered both descriptively and theoretically for regional, continental and world-wide basis. Prerequisite: BIO 101, 102. Lecture 5 hours. Field trip to regional environments.

**BIO 400 Ecology** **4 Hours**

A study of the interrelationships between organisms and their environment. Emphasis will be on general principles, populations, interactions and representative ecosystems. Prerequisite: BIO 101, 102. Lecture 3 hours; laboratory 3 hours. Field trips/field studies are part of the course.

**BIO 410 Genetics** **4 Hours**

A study of the principles of genetics or heredity, including classical and molecular genetics. Prerequisite: BIO 101, 102. Lecture 3 hours; laboratory 3 hours.

**BIO 415 Animal Physiology** **4 Hours**

The physiology of animals with emphasis on vertebrates and special attention to the adaptability of these processes to the environment of the animal. Prerequisite: BIO 101, 102. A chemistry sequence is recommended. Lecture 3 hours, laboratory 3 hours.

**BIO 420 Field Biology** **4 Hours**

A study of plants and animals in their natural environment with emphasis on identification, collection and preservation. Field trips of duration greater than the typical 2-hour laboratory. Prerequisite: BIO 101, 102. Lecture 2 hours; laboratory 4 hours.

**BIO 425 Topics in Biology** **3-4 Hours**

A study of selected topics in biology. The topic will vary from year to year. Laboratory and/or field trips may be required. Prerequisite: BIO 101, 102.

**BIO 430 Studies in Biology I** **2 Hours**

Instruction in scientific writing and literature search. The student will choose a topic and write a proposal for an independent study that may include laboratory work and/or a field project. Prerequisite: BIO 101, 102, 200, 300, 410, and two of four required biology electives with a grade of "C" or higher.

**BIO 431 Studies in Biology II** **2 Hours**

Instruction in the use of computer software for statistical analysis and presentation of research results will be given. The student will conduct the independent study proposed in BIO 430. Written and oral presentations will be made of the study. Prerequisite: BIO 101, 102, 430.

**BIO 440 Histology** **4 Hours**

A comprehensive study of animal tissues and their organization into organs and organ systems. Prerequisite: BIO 101, 102, 300. Lecture 3 hours; laboratory 3 hours.

**BIO 450 Advanced Microbiology** **4 Hours**

A course in advanced microbiology to include structural and physiological characteristics of microbes of clinical importance. The laboratory work will emphasize microbes of environmental significance. Prerequisite: BIO 101, 102, 250. Lecture 3 hours; laboratory 3 hours.

**BUSINESS (BUS)**

**BUS 100 Introduction to Business** **3 Hours**

A survey of the development and nature of our business system and an introduction to the purposes and concepts of the major business functions, including accounting, finance, human resource management, marketing and production.

**BUS 101 Introduction to Information Systems** **3 Hours**

Fundamentals of computers including computer hardware, systems and applications software (especially word processing and spreadsheets), telecommunications and information systems.

**BUS 201 Financial Accounting** **3 Hours**

Basic accounting principles and practices with an emphasis on recording business transactions, completing the accounting cycle, and preparing and analyzing financial statements.

**BUS 202 Managerial Accounting** **3 Hours**

A study of cost, volume and profit analysis, marginal analysis, pricing and budgeting. Prerequisite: BUS 201 or consent of instructor.

**BUS 220 Basic Economics** **3 Hours**

Fundamental economic concepts and theories and their applications to society's problems and policies. Intended for non-business majors. Does not provide graduation credit if BUS 221 or 222 are taken.

**BUS 221 Principles of Microeconomics** **3 Hours**

Examination of the fundamental economic problems of society followed by microeconomics, a study of individual economic units emphasizing price and output determination in different market structures.

**BUS 222 Principles of Macroeconomics** **3 Hours**

Macroeconomics, a study of the overall economy focusing on inflation, unemployment, income and output levels, and monetary and fiscal policies, followed by international economics.

**BUS/SOC 300 Business and Society** **3 Hours**

A study of the ever-changing relationships between business and the rest of society and the implications for business of such current issues as quality of work life, protection of the environment, and corporate social responsibility. Prerequisite: PSY 201, SOC 201, BUS 100, BUS 221 or BUS 222.

**BUS 301 Intermediate Accounting I** **3 Hours**

Accounting theory and practice as applied to current liabilities, long term debt, contributed capital, revenue recognition, leases, accounting errors and changes, and pensions. Prerequisites: BUS 201.

**BUS 302 Intermediate Accounting II** **3 Hours**

Accounting theory and practice as applied to current liabilities, long term debt, contributed capital, revenue recognition, leases, accounting errors and changes, and pensions. Prerequisite: BUS 201.

**BUS 303 Intermediate Accounting III** **3 Hours**

In-depth coverage of intermediate accounting principles introduced in BUS 301 and 302, allowing students to gain a fuller understanding of complex topics. Prerequisites: BUS 301 and BUS 302.

**BUS 305 Cost Accounting** **3 Hours**

Principles of cost measurement and accumulation, cost allocation, and capital budgeting. Prerequisite: BUS 202.

**BUS 306 Accounting Information Systems** **3 Hours**

Applications of accounting software including a commercial accounting package, small business package, fixed asset manager and cost manager. Prerequisite: BUS 202.

**BUS 317 Rapid Application Development** **3 Hours**

An introduction to computer programming using a high level programming language. Topics covered include programming vocabulary, development of algorithms in source code, structured logic, construction of reusable code, and debugging. Prerequisite: BUS 101.

**BUS 321 Principles of Marketing** **3 Hours**

Marketing fundamentals – products and services, distribution, pricing, and promotion and the planning and implementation of marketing strategies. Prerequisites: BUS 220 or 221.

**BUS 331 Principles of Management** **3 Hours**

Theory and practice of management: managerial functions, communications, leadership, decision theories, and organizational development and change.

**BUS/SOC 333 Human Resources Management** **3 Hours**

Principles and procedures for human resource planning and management, compensation and benefits, employee motivation and discipline, and safety and health requirements.

**BUS 335 Production and Operations Management** **3 Hours**

Concepts and techniques of operations management: production, inventory, quality control, performance measurement, forecasting methods, planning, and scheduling. Prerequisite: BUS 353.

**BUS/SOC 337 Social and Industrial Relations** **3 Hours**

Applications of social psychology theories, methods and research findings to the workplace and a study of the impact of the industrial revolution on social, political and economic institutions. Prerequisite: PSY 201 or SOC 201.

**BUS 350 Topics in Business** **3 Hours**

A study of selected topics in business. Prerequisite: Completion of all 100 and 200-level business courses required for a business degree plus 9 hours of upper-level business courses. This course may be used only once toward graduation credit.

**BUS/POL 351 Business Law** **3 Hours**

The law of business with an emphasis on contracts in personal and real property, sales, business organizations, commercial paper, employment, and insurance.

**BUS 353 Business Statistics** **3 Hours**

Descriptive and inferential statistics for business research from probability through statistical estimation, hypothesis testing, and regression analysis. Prerequisites: MAT 104 and BUS 101.

**BUS 355 Business Communications** **3 Hours**

Applications of communication principles to memos, letters and reports, and oral presentations. Prerequisite: ENG 102 and COM 101.

**BUS 357 International Business** **3 Hours**

Analysis of international business environments (culture, politics and economics) and the conduct of traditional business functions. Prerequisite: BUS 222 and two of BUS 100, BUS 321 and BUS 331.

**BUS 360 Quantitative Analysis** **3 Hours**

A focus on the analysis of inductive decision-making for business practitioners including such topics as decision-making under certainty and uncertainty, linear programming, queuing models, simulation, project management, and forecasting. Manual and computer solutions will be developed.

**BUS 362 Systems Analysis and Design** **3 Hours**

Application of tools and techniques modeled from business environments. Analysis of data flow, data structure, process flow, file design, input and output, and model construction. Current methodologies utilizing object orientation and maturation concepts are introduced. Prerequisite: BUS 317.

**BUS 367 Internet and Electronic Commerce Analysis and Design** **3 Hours**

Analysis and development of application in web-based electronic commerce systems in a client/server environment. Includes surveys of Internet technologies, Internet architectures, web development techniques, e-commerce models and software, electronic catalogs, purchase and payment systems, interfaces with other business systems, marketing and promotion.

**BUS 375 Telecommunications and Networking** **3 Hours**

Fundamental concepts and techniques of telecommunications and networking, with an emphasis on local area networking and the Internet. Prerequisite: BUS 101.

**BUS 377 Project Management** **3 Hours**

Highlights solutions to business challenges in the context of the modern business environment. Examines how technologies, data management, data mining concepts, decision support systems, project management goals, and modern techniques of management. Prerequisite: BUS 331.

**BUS 380 Personal Finance** **3 Hours**

Fundamentals of managing and planning personal income, insurance, investments, and taxes.

**BUS 401 Auditing** **3 Hours**

Auditing functions and practices, with an emphasis on professional responsibilities, audit applications, internal control, legal liability and audit reports. Prerequisite: BUS 301 or 302.

**BUS 403 Individual Income Tax** **3 Hours**

Federal income tax law with special emphasis on its application to the individual taxpayer.

**BUS 404 Business Income Tax** **3 Hours**  
Federal income tax law with emphasis on its application to corporate and partnership taxpayers.

**BUS 407 Nonprofit Accounting** **3 Hours**  
Accounting principles and practices as applied to state and local governments and nonprofit organizations. Prerequisite: BUS 201.

**BUS 409 Preparation for Professional Certification** **3 Hours**  
A course to assist students in preparation for professional certification examinations. Prerequisite: Consent of the instructor.

**BUS 410 Accounting Professional Certification** **3 Hours**  
A capstone accounting course serving as a Certified Public Accountant examination review course, reviewing and integrating concepts presented in the accounting curriculum. Prerequisite: Senior status and completion of all other accounting coursework or permission of the instructor.

**BUS 411 Object Oriented Programming** **3 Hours**  
Introduction to problem-solving strategies and methods in object oriented programming. Highlights basic control structures, data types, arithmetic and logical operations. Implementation of subroutines, functions, pointers, templates, classes and objects, inheritance, polymorphism, and encapsulation. Prerequisite: BUS 317.

**BUS 413 Relational Database Design and Implementation** **3 Hours**  
Emphasizes the development of a conceptual model into a relational data model. Business rules for entity-relationship diagrams and data models are developed. Principles of data normalization and translation of these principles into a database design are introduced. Hands-on experience with simple data structures is an integral part of the course. Prerequisite: BUS 101.

**BUS 417 Seminar in Information Systems** **3 Hours**  
Exploration of current issues and technological advances affecting the development, implementation and management of information systems. Prerequisite: Two upper-level information systems courses.

**BUS/SOC 422 Sociology of Work** **3 Hours**  
A study of work in industrial society: impact of technology, industrial organizations and work ethics on occupational structure, commitments to work, and feelings of self-worth. Prerequisite: PSY 201 or SOC 201.

**BUS/SOC/PSY 431 Organizational Behavior** **3 Hours**  
A study of human behavior in organizations, with an emphasis on such topics as motivations, leadership, job satisfaction, and group dynamics. Prerequisite: PSY 201 or SOC 201.

**BUS 435 Entrepreneurship** **3 Hours**  
A study of the procedures and requirements for initiating and managing a new business venture. Prerequisite: BUS 331.

**BUS 437 Management Information Systems** **3 Hours**  
The design and implementation of information and decision systems and their effect on organizations. Prerequisite: BUS 101.

**BUS 451 Managerial Finance** **3 Hours**  
Financial management techniques and policies for financial analysis and planning, working capital management, capital budgeting and long-term financing. Prerequisite: BUS 202, BUS 221, and BUS 222.

**BUS 453 Strategic Management** **3 Hours**  
A capstone course to develop decision-making skills at the top management level and encompassing all management functions in their environmental, political and social context. Prerequisite: BUS 321, BUS 331, and BUS 451.

**BUS 499 Internship** **3 Hours**  
Individually designed work experience in an approved business or organization in or related to a business major's concentration. Prerequisite: Junior standing and consent of internship coordinator.

### **CHEMISTRY (CHM)**

**CHM 105 Introductory Chemistry I** **4 Hours**  
A study of the fundamental laws and theories of general inorganic chemistry. Topics include atomic structure, principles of chemical bonding, solutions, acids and bases and the gas laws. Lecture 3 hours and laboratory 3 hours per week. Offered on demand.

**CHM 106 Introductory Chemistry II** **4 Hours**  
An introduction to organic chemistry and biochemistry. This course is designed primarily for the allied health student. Prerequisite: CHM 111 or CHM 105. Lecture 3 hours and laboratory 3 hours per week. Offered on demand.

**CHM 111 General Chemistry I** **4 Hours**  
Fundamental principles and qualitative aspects of general inorganic chemistry. Topics discussed include the study of chemical stoichiometry, atomic theory, chemical bonding and kinetic molecular theory. Lecture 3 hours; laboratory 3 hours per week.

**CHM 112 General Chemistry II** **4 Hours**  
A continuation of CHM 111. This course includes the study of solution chemistry, kinetics, oxidation-reductions, equilibria, and acids and bases. Prerequisite: CHM 111. Lecture 3 hours; laboratory 3 hours per week.

**CHM 213 Introductory Descriptive Chemistry** **4 Hours**

This course includes the study of nuclear chemistry, coordination compounds, thermodynamics and descriptive inorganic chemistry. Prerequisite: CHM 112. Lecture 3 hours; laboratory 3 hours per week.

**CHM 214 Quantitative Chemistry** **4 Hours**

A course designed to introduce the study of analytical chemistry. This course is concerned with the principles, techniques, and calculations of quantitative inorganic analysis. Prerequisite: CHM 112. Lecture 3 hours; laboratory 6 hours per week.

**CHM 321 Analytical Chemistry** **4 Hours**

This course is designed for the qualitative and quantitative analysis of chemical substances. Gravimetric, volumetric, spectrophotometric, electrochemical, chromatographic techniques will be discussed and utilized. The theory and practice of using modern analytical equipment such as ultraviolet/visible spectroscopy (UV/VIS), mass spectroscopy (MS), nuclear magnetic resonance (NMR), infrared spectroscopy (IR), and electrophoresis will be studied through experimental and simulated methods. Prerequisite: CHM 112, Lecture 3 hours; laboratory 3 hours per week. Offered on demand. Field trips are necessary for this course.

**CHM 335 Organic Chemistry I** **4 Hours**

A first course in the study of the compounds of carbon. This course includes the study of structure, mechanisms, synthesis and reactions of organic compounds. Prerequisite: CHM 112. Lecture 3 hours; laboratory 3 hours per week.

**CHM 336 Organic Chemistry II** **4 Hours**

A continuation of CHM 335. Prerequisite: CHM 335. Lecture 3 hours; laboratory 3 hours per week.

**CHM 337 Organic Chemistry III** **4 Hours**

A course designed with major emphasis on nucleophilic aromatic substitution, carbanion chemistry, and complex mechanisms of organic reactions. Prerequisite: CHM 336. Lecture 3 hours; laboratory 3 hours per week. Offered on demand.

**CHM/BIO 338 Biochemistry** **3 Hours**

Introduces molecules of biological importance. Topics include the chemistry of carbohydrates, lipids, proteins, nucleic acids, and enzymes and their role in metabolism. Prerequisites : CHM 335. This course may count as both a biology elective and as hours toward the chemistry minor. Lecture 3 hours per week. Offered on Demand.

**CHM 357 Directed Readings** **2 Hours**

Selected readings directed by division faculty in the areas of analytical, organic and biochemistry. Prerequisite: Junior or senior standing or approval of instructor. Offered on demand.

**CHM 390 Special Topics in Chemistry** **2 Hours**

Special topics in chemistry allows the student or small group of students to explore topics not covered in other chemistry courses or to consider in greater depth topics introduced in previous courses. Prerequisite: Junior or senior classification and/or approval of the instructor.

### **CHRISTIANITY (CHR)**

**CHR 101 Introduction to the Old Testament** **3 Hours**

A study of the Old Testament with emphasis on important persons, events, and ideas from the history of the Hebrew people.

**CHR 102 Introduction to the New Testament** **3 Hours**

A survey of the New Testament documents with particular attention to their historical setting, literary themes, and religious applications.

**CHR 210 History of Christian Thought** **3 Hours**

An introductory study of the thought and impact of certain individuals from the beginning of Christianity to the present.

**CHR 220 World Religions** **3 Hours**

A study of the beliefs and cultural significance of the major world religions and of other religious systems of thought.

**CHR 230 Professional Ethics** **3 Hours**

A study of contemporary ethical issues in various professions. Relevant issues for students anticipating careers in fields such as business, psychology, and education will be explored from a Christian perspective.

**CHR 260 Ministry Seminar** **1 Hour**

A study of selected topics in ministry.

**CHR 300 Selected Topics in Biblical/Religious Studies** **3 Hours**

An in-depth study of selected topics in the field of religious studies. Examples include a study of one book of the Bible or a study of one particular religious theme or movement. Prerequisites: CHR 101 and CHR 102 or permission of instructor.

**CHR 301 Genesis-Deuteronomy** **3 Hours**

An intensive study of selected materials from the Pentateuch. Prerequisites: CHR 101 and CHR 102 or permission of instructor.

**CHR 302 Former Prophets: Joshua-II Kings** **3 Hours**

The course will introduce students to the study of the Former Prophets: Joshua, Judges, I and II Samuel, and I and II Kings. In doing so emphasis will be given to these biblical texts, their interpretations, and the various critical issues involved in their interpretation. Prerequisites: CHR 101 and CHR 102 or permission of instructor.

- CHR 303 Major Prophets** **3 Hours**  
An intensive study of selected materials from the major prophets. Prerequisites: CHR 101 and CHR 102 or permission of instructor.
- CHR 304 Minor Prophets** **3 Hours**  
An intensive study of selected materials from the minor prophets. Prerequisites: CHR 101 and CHR 102 or permission of instructor.
- CHR 305 Wisdom Literature and Psalms** **3 Hours**  
An intensive study of selected materials from the wisdom books and Psalms. Prerequisites: CHR 101 and CHR 102 or permission of instructor.
- CHR 306 Biblical Archaeology** **3 Hours**  
Deals with the archaeology of the ancient Middle East with special attention to archaeological issues relevant to the study of the Old Testament. The aims and methodologies of archaeologists are examined with a view to their impact on understanding the world of the Bible and issues of biblical interpretation. Prerequisites; CHR 101 and CHR 102 or permission of instructor.
- CHR 307 Old Testament Language** **3 Hours**  
A study of the basic elements of Old Testament Hebrew grammar and vocabulary designed to enable students to use linguistic tools. Prerequisites; CHR 101 and CHR 102 or permission of instructor.
- CHR 308 Old Testament Theology** **3 Hours**  
A study of the major themes of Old Testament literature and the role of the Old Testament in the Christian faith. Prerequisites; CHR 101 and CHR 102 or permission of instructor.
- CHR 309 Women of the Old Testament** **3 Hours**  
A study of the women in the Hebrew Bible and their significance within the Old Testament canon. Prerequisites; CHR 101 and CHR 102 or permission of instructor.
- CHR/HIS 312 The Reformation** **3 Hours**  
A study of the Protestant Reformation with emphasis upon its influence on political, cultural, and economic life in Europe. Prerequisite: HIS 151.
- CHR 320 The Synoptic Gospels** **3 Hours**  
An exegetical study of one of the first three Gospels with extensive comparison with the other two. Prerequisites; CHR 101 and CHR 102 or permission of instructor.
- CHR 321 The Gospel of John** **3 Hours**  
An exegetical study of the Fourth Gospel with some comparison with the Synoptics. Prerequisites; CHR 101 and CHR 102 or permission of instructor.
- CHR 322 Acts and the Early Church** **3 Hours**

An interpretive study of the early years of Christianity based primarily upon the book of Acts, with major focus on the lives of Peter and Paul. Prerequisites; CHR 101 and CHR 102 or permission of instructor.

**CHR 323 The Epistles of Paul** **3 Hours**

An exegetical study of selected letters of the Apostle Paul. Prerequisites; CHR 101 and CHR 102 or permission of instructor.

**CHR 324 General Epistles** **3 Hours**

An exegetical study of selected general epistles, Hebrews through Jude. Prerequisites; CHR 101 and CHR 102 or permission of instructor.

**CHR 325 New Testament Theology** **3 Hours**

An interpretive study of the key themes of the New Testament, especially as these are developed by its major theologians – Paul, John, and Luke. Prerequisites; CHR 101 and CHR 102 or permission of instructor.

**CHR 326 Jesus of Nazareth** **3 Hours**

A historical overview and interpretive study of the life of Jesus, with particular attention given to recent scholarly discussion. Prerequisites; CHR 101 and CHR 102 or permission of instructor.

**CHR 327 Apocalyptic Literature** **3 Hours**

An exegetical study of the Book of Revelation and other sections of apocalyptic literature in the Bible. Prerequisites; CHR 101 and CHR 102 or permission of instructor.

**CHR 340 Religion and Film** **3 Hours**

A study of how religion and culture interact, specifically in the area of film. The course will examine the description, critique, and embodiment of traditional religious images, themes, and narratives in film and potential impact such films have on the shaping of personal faith.

**CHR 350 Formation for Ministry** **3 Hours**

An introduction to Christian Ministry through an integration of the theological, psychological, spiritual, social, and functional dimensions of ministry through the local church. Attention is given to identifying and clarifying the call to ministry and to exploration of the methods of preparing to enter into effective ministry. Required for all B. Min. students. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 351 Ministry of Care and Counseling** **3 Hours**

A study of the responsibilities and techniques of the minister in the areas of care and counseling. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 352 Ministry of Preaching** **3 Hours**

Designed to study the methods of sermon preparation and delivery. Consideration is given to selection and interpretation of material, development of sermon ideas, and techniques of delivery. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR/MUS 354 Worship and Music** **3 Hours**

A study of the theology and development of Christian worship with attention given to the role of music. A comparison of worship patterns and styles past and present, and consideration of planning services of worship is included. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 355 Youth Ministry** **3 Hours**

A study of the responsibilities and techniques of the minister in the area of youth. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 411 Christian Doctrine** **3 Hours**

A study of the major Christian doctrines including revelation, God, Christ, the Holy Spirit, sin, man, and eschatology. Prerequisite: CHR 101, 102, 210.

**CHR 412 Christian Ethics** **3 Hours**

A study of the ethical principles of the Christian faith and how they are to be applied to contemporary problems. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 413 Christian Philosophy** **3 Hours**

A study of the basic issues of philosophical and theological thought including such matters as faith, reason, and revelation. Prerequisite: CHR 101, 102, 210.

**CHR 414 Contemporary Theology** **3 Hours**

A study of recent currents in theology. Prerequisite: CHR 210.

**CHR 430 Church History** **3 Hours**

A study of the growth and development of Christianity from the time of the New Testament to the present. Prerequisites: CHR 101, 102 and CHR 210.

**CHR 431 Baptist History** **3 Hours**

A study of the formation, development, and interpretation of the Baptists with special consideration of Southern Baptists. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 432 Christianity in America** **3 Hours**

A study of the history of Christianity in America from the beginning of the European settlement of North America until the present. Special emphasis will be given to identifying and analyzing major religious movements, such as the Great Awakening,

Revivalism, Modernism, and Fundamentalism. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 433 Religion in the South** **3 Hours**

A study of religion in the South from the colonial period to the present, with particular reference to white/black relations. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 453 Evangelism** **3 Hours**

A study of the goals and methods of evangelism in the church. Prerequisite: Completion of 6 hours General Education requirements in Division of Religion.

**CHR 481 Internship in Ministry** **3-6 Hours**

A supervised internship in ministry for 3 hours credit, in a local church or other approved setting that provides experience in the practice of ministry. The student serving in a paid full-time ministry position may seek 6 hours credit upon approval by the faculty of the Division of Religion and Philosophy. Prerequisite: CHR 350.

**CHR 490 Senior Seminar in Christianity** **3 Hours**

A capstone seminar required of students in the Bachelor of Arts in Christianity and the Bachelor of Ministry degree designed to provide opportunity for reflection on the various areas of study of Christianity through assigned reading and directed research. Prerequisite: permission of instructor.

**COMMUNICATION (COM)**

**COM 101 Basic Oral Communication and Public Speaking** **3 Hours**

Designed to help students increase oral communication skills. This course will deal with communication in social, business, and professional situations as well as public speaking. In all speaking assignments articulation and pronunciation will be covered.

**COM 201 Classical Theatre Appreciation** **3 Hours**

A course designed to help students develop an appreciation of classical theatre through a survey of theatre history from the ancient Greeks to eighteenth century Europe. Included are representative plays, theatrical styles and conventions and a study of theatre as a social and cultural experience.

**COM 202 Modern Theatre Appreciation** **3 Hours**

A course designed to help students develop an appreciation of modern theatre through a survey of theatre history beginning with the rise of Realism in the nineteenth century to the contemporary diversity of current times. Included are representative plays and a study of theatre and its role in mirroring society and shaping public opinion.

**COM 203 Oral Interpretation** **3 Hours**

Designed to train the student in all aspects of oral reading. It includes theory, analysis preparation and presentation of various types of literature. Vocal control and flexibility are stressed.

**COM 204 Introduction to the Theater** **3 Hours**

A course introducing the student to the various aspects of the theater: acting, directing, staging, costuming, makeup, dramatic literature, and playwriting. The student will be required to read plays and attend dramatic productions to make observations of these aspects. Open to all students.

**COM 260 Voice and Diction** **3 Hours**

A study of the human voice production. Each student will be given extensive drill-practice in the characteristics of speech and voice used by American English speakers.

**COM 300 Interpersonal Communication** **3 Hours**

Study of the theories of interpersonal communication with emphasis on the application of these principles. Includes listening skills and areas of nonverbal communication such as proxemics, kinesics, and para-language. Prerequisite: COM 101.

**COM 301 Advanced Public Speaking** **3 Hours**

A more advanced exploration of the techniques of public speaking including research, planning, organization, ethics, and delivery. Significant historical examples will be examined as well as the basics of parliamentary procedure. Prerequisite: COM 101.

**COM 302 Group Decision-Making** **3 Hours**

Study of the theories and skills affecting group decision-making, problem-solving, and leadership. Particular emphasis will be given to group conflict resolution and negotiation in business and organizational contexts. Prerequisite: COM 101.

**COM 303 Speech Practicum I, II, III** **(Each) 1 Hour**

Study and participation in debate, forensics, oral interpretation, and individual speaking events within the college, community, or in intercollegiate competition. Prerequisite: COM 101.

**COM 305 Theater Laboratory** **1 Hour**

A practicum for theater production involving participation as an actor, designer, director, technician, or manager. Requires 40 contact hours. May be repeated for a maximum of 3 credit hours.

**COM 306 Acting I** **3 Hours**

Concentration on the application of acting principles and methods. Students adapt acting theory to performance in monologues, scenes and short plays. Prerequisite: COM 201 or 202 or 203 or permission of the instructor.

**COM 307 Acting II** **3 Hours**

Continuation of Acting I. Application of advanced acting techniques to students' presentations of scenes and one-act plays. Class includes dialect studies and solo performances of classical drama. Prerequisite: COM 306.

**COM 308 Mass Communication I** **3 Hours**

An introductory study of the nature and history of mass communication, including books, newspapers, magazines, radio, TV, film, sound recording, and the Internet. This course focuses on how mass communication shapes and alters public opinion and in turn is recreated by the need to communicate opinion. Prerequisite: COM 101.

**COM 309 Mass Communication II** **3 Hours**

An advanced study of mass communications. This course focuses on the role of mass media in modern society. It includes a survey of the functions, responsibilities, and influence of mass communication media through specific studies in regulations, ethics, content, advertising, and public relations. Prerequisite: COM 308.

**COM 314 Studies in Drama I, II** **(Each) 3 Hours**

A variable topics course providing an in-depth study of the drama either by period, topic, or author. Prerequisite: one 200-level literature course.

**COM 400 Special Topics** **3 Hours**

Study of various significant topics in Speech Communication not covered in other course offerings. May include persuasion, mass communication, communication counseling and training, broadcast journalism, argumentation, and rhetoric. May be repeated with a change of content. Prerequisites: COM 101 and permission of instructor.

**COM 401 Internship** **3-12 Hours**

Supervised practical experience for majors with professions involved in Communication or Theatre as a career. Specific guidelines may be obtained from supervising faculty member. Prerequisites: COM 101 and permission of instructor.

**COM 403 Readers Theater** **3 Hours**

A study of the development and current theories of group performance of literature. It includes the selection, analysis, and preparation of poetry, novels, short stories, and non-fiction for stage presentation by an ensemble. Adaptations will be made of literary materials and special attention will be given to the script and staging techniques. Prerequisites: COM 203 or permission of the instructor.

**COM 405 Playwriting** **3 Hours**

A study of the plotting, characterization, staging, and dialogue in selected dramas to prepare the student to write one-act and/or full-length plays. The course may prove helpful to both the experienced and inexperienced creative writer. Prerequisite: COM 201 or 202, or permission of the instructor.

**COM 406 Directing** **3 Hours**

Procedures and problems involved in directing a play from selection of the script, tryouts, and conducting rehearsals to the final production. Practice in directing and staging the one-act play. Prerequisite: COM 202.

**COM 408 Rhetorical Criticism** **3 Hours**

A survey of both classical and contemporary theories of rhetoric, providing an understanding and appreciation of rhetorical traditions as well as providing a framework for the application of theory to the practice of criticism. The student will begin to construct theoretical models and move to analyzing and critiquing public discourse. Prerequisite: COM 308.

**COM 410 Public Relations** **3 Hours**

A review of the history and practice of public relations through the study of cases and campaigns. This will include publicity, promotion, tactics, media, technological advances, and ethics. Prerequisites: COM 101 and permission of instructor.

**COM 411 Photojournalism** **3 Hours**

A practical examination of the basics of photography and how photography is used to tell a story in journalism and its effect on society and mass media. Prerequisites: COM 101 and permission of the instructor.

**COM 412 Communication Consulting** **3 Hours**

An exploration of the opportunities of teaching communication skills and knowledge through the use of workshops, seminars, lectures, demonstrations, exercises, and group interaction. Includes the principles of presentation, needs analysis, program design, intervention ethics, and pre- and post-testing. Prerequisites: COM 101, 9 hours in communication and permission of the instructor.

**CREATIVE WRITING (CRW)**

**CRW/ENG 105 The Fundamentals of Writing Fiction and Poetry** **3 Hours**

The course explores the fundamental nature of literature, both poetry and fiction, and of the writing process. Students will examine a wide variety of poetry and prose. There will be discussions of student work both in class and in conference with the instructor. Prerequisite: ENG 101 or permission of the instructor.

**CRW/ENG 211 Creative Writing Practicum** **1 Hour**

This course features study and participation in the process of creating, editing, publishing, advertising, and managing the student magazine, *Oracle*. Requires attendance and participation in weekly staff meetings in order to meet minimal standards. May be repeated for up to 3 hours credit.

**CRW/ENG 314 Introduction to Critical Theory** **3 Hours**

A survey of major theories about the nature and function of literature. (All majors planning to attend graduate school in English should take this course.) Prerequisite: one 200-level literature course.

**CRW/ENG 320 Creative Writing** **3 Hours**

Application of the principles of writing fiction and poetry and the development of advanced techniques in the student's creative abilities. Prerequisite: CRW/ENG 105.

**CRW/ENG 322 Advanced Composition** **3 Hours**  
Intensive study and practice of various expository methods and persuasive writing.  
Prerequisite: ENG 102.

**CRW/ENG 323 Scriptwriting** **3 Hours**  
A workshop in dramatic writing, primarily for television and film, to include discussion of the following topics: understanding the medium, developing the materials (concept-premise-character), the three-act structure and its relation to prose narrative, alternatives to structuring the play, and the conventions of screenwriting. A number of contemporary screenplays are used as instructional materials. The minimum writing requirement is a script ranging from 30-60 pages. Prerequisite: CRW/ENG 105.

**CRW/ENG 350 Selected Topics in Creative Writing** **3 Hours**  
A study of selected topic in Creative Writing. Prerequisite: Permission of the instructor.

**CRW/ENG 400 Seminar in Sequential Media** **3 Hours**  
A course in which a student is expected to write (or adapt) and produce a finished work in visual sequential form. Typical media would include: video, film, story boards, and genre generally referred to as comic books. Other media which present a storyline in successive images may be acceptable (subject to the professor's discretion). Prerequisite: Advanced standing or permission of the instructor.

#### **CRIMINAL JUSTICE (CJ)**

**CJ 100 Introduction to Criminal Justice** **3 Hours**  
A study of the criminal justice system as a whole. Topics include: Various types of crime, sociological causes of crime, a history of the CJ system, components of the system, issues affecting and affected by the system, and current practices in the field.

**CJ 205 Introduction to Police Administration** **3 Hours**  
A study of police management practices in America, including personnel management, budgeting, program planning, and relationships among the police department, the courts and the correctional industries.

**CJ 206 Introductions to Corrections** **3 Hours**  
A study of the history and evolution of corrections, the law and the correctional process, the rights of convicted criminals, types of criminals, correctional ideologies, and alternatives to incarceration.

#### **EDUCATION (EDU)**

**EDU 101 Introduction to Education** **3 Hours**  
A survey course that examines various aspects of the historical, philosophical, cultural, legal and ethical foundations of education as well as providing information relative to graduation, certification, and employment. Field experience is required.

**EDU 210 Technology and Media for Teachers** **3 Hours**

A course for pre-service teachers designed to teach the skills for integrating all aspects of technology into the instructional program. This course will also include the preparation of instructional materials. Prerequisite: EDU 101.

**EDU 300 Early Childhood Curriculum** **3 Hours**

A course designed to provide a broad view of the content of the PreK-5 curriculum, with emphasis on developmental appropriateness and relationships among the fields of knowledge. To be taken concurrently with EDU 305. Prerequisite: EDU 101.

**EDU/PSY 302 Child Psychology** **3 Hours**

A study of the social, emotional, physical and intellectual development of the child from conceptions to age twelve. Prerequisite: PSY 201.

**EDU 305 Early Childhood Teaching Methods** **3 Hours**

A course designed to develop competency in the design and delivery of developmentally appropriate classroom learning experiences for grades Pre-K-5 to be taken concurrently with EDU 300. This course will be interfaced with a Field Experience course. Prerequisites: EDU 101, PSY 201.

**EDU 306 Field Experience I** **3 Hours**

A practicum course designed for pre-service teachers with 50 observations, activities and other assignments in the public schools. This course should be interfaced with a methods course. Prerequisite: EDU 101.

**EDU 307 Field Experience II** **3 Hours**

This practicum course is designed to give early childhood pre-service teachers 50 observations and instruction for individual students and small groups in PreK-5 classrooms. Classes will meet with the instructor at the beginning and ending of the semester and periodically throughout the semester. This course will be interfaced with a methods course. Prerequisite: EDU 305.

**EDU 308 Field Experience III** **3 Hours**

This practicum course is designed to give early childhood pre-service teachers 50 observations and whole group instruction and management of PreK-5 classrooms. Classes will also meet with the instructor at the beginning and ending of the semester and periodically throughout the semester. This course will be interfaced with a methods course. Prerequisite: EDU 307.

**EDU 310 Middle Grades Learners and Curriculum** **3 Hours**

Designed for all middle grades majors. Topics include the nature and diversity of middle grades students in their physical, social, emotional, and intellectual development; the comprehensive middle grades program; and the middle grades curriculum. Prerequisite: EDU 101.

**EDU 311 Children's Literature** **3 Hours**

A survey of stories and poems that have literary value with special attention to "classics" and to those literary types, works, and trends taught in PreK-5 classrooms. Prerequisites: ENG 101, 102.

**EDU 312 Middle Grades Teaching Methods** **3 Hours**

Designed to develop competency in using knowledge of middle grades students as a basis for devising appropriate teaching strategies to meet physical, social, emotional, and intellectual needs. To be taken concurrently with EDU 310. Field Experience required. Prerequisite: EDU 101.

**EDU 313 Literature for Adolescents** **3 Hours**

A survey of stories and poems that have literary value with special attention and to those literary types, works, and major trends taught in middle schools. Prerequisites: ENG 101, 102 and completion of all Level I requirements.

**EDU 315 Secondary Curriculum and Methods** **3 Hours**

Designed for secondary education majors seeking to develop competency in using knowledge of students in grades 7-12 as a basis for selecting materials and devising teaching strategies for the classroom. Education majors will become acquainted with teacher assessment and lesson plans. Field Experience required. Prerequisite: EDU 101.

**EDU/ART 320 Art for Teachers of the Young Child** **3 Hours**

A course dealing with the study of art as a part of a school program from the standpoint of appreciation through creative expression. Topics include problems of color and design in water color, cut paper, clay, finger painting, lettering, and paper mache.

**EDU 321 Early Childhood Language Arts and Social Studies** **4 Hours**

A literature-based course designed to integrate the teaching of language arts skills, listening, speaking, reading and writing, with content of the social studies curricula in a developmentally appropriate manner. This course will be interfaced with a Field Experience course. Prerequisite: EDU 305.

**EDU 324 Early Childhood Science and Math Methods** **4 Hours**

A methods course designed to integrate the instructional theories, methods, and materials appropriate for teaching science and mathematics in a developmentally appropriate manner. Emphasis will be placed on the relationships of the two disciplines to the whole curriculum and involving the pre-service teachers in instructional techniques that include social and interactive learning. This course will be interfaced with a Field Experience course. Prerequisites: EDU 305.

**EDU/HEALTH 330 Contemporary Health Issues** **3 Hours**

A course designed to provide prospective teachers and other professionals with background knowledge and teaching strategies related to mental health and stress, aging, nutrition, drugs, sexuality, death and dying, diseases, selection of medical service and health insurance, the environment and consumer health. Substance abuse, teenage pregnancy, AIDS, teenage suicide and other issues pertinent to professionals will be addressed. Prerequisite: junior standing.

**EDU 332 Teaching Health and Physical Education** **4 Hours**

A course designed to develop the ability of students to organize courses and activities for health instruction and to assist in designing programs to provide developmental movement and experiences for children. Prerequisite: EDU 101.

**EDU 337 Teaching Exceptional Children** **3 Hours**

An introductory course which examines all areas of exceptionalities including the characteristics of exceptional students and the educational implications of these characteristics. The course also provides methods and materials that are effective in teaching students with various disabilities. Field experience required.

**EDU 340 Public School Music** **3 Hours**

A course that stresses the learning of basic music for the early childhood classroom teacher. It also covers materials and methods suitable for the early childhood grades. Prerequisite: EDU 101.

**EDU 341 The Teaching of Reading and Writing** **3 Hours**

A course designed to develop competency in teaching reading and writing skills. Prerequisite: EDU 101.

**EDU 344 Science Methods for Middle Grades** **3 Hours**

Develops competence in teaching science and mathematics in the middle grades. Various topics are explored to equip students with the critical skills and knowledge essential to successful teaching in these areas as identified by the NCTM and NSTA. A practicum is required. Prerequisite: EDU 310 and 312.

**EDU 345 Social Studies Methods for Middle Grades** **3 Hours**

This course develops competence in teaching both social studies and English language arts in the middle school setting by examining the components of each field of study, by studying techniques and materials specific for these areas, by developing instructional plans, and through participation in a practicum which will normally include actual teaching of lessons to middle school students. Prerequisites: EDU 310 and 312.

**EDU 348 Math Methods for Middle Grades** **3 Hours**

Develops competence in teaching math in the middle grades. Various topics are explored to equip students with critical skills and knowledge that will be applied to the teaching of math. Topics selected will include those identified by the NCTM. Practicum is required. Prerequisites: EDU 310 and 312.

**EDU 349 Language Art Methods for Middle Grades** **3 Hours**

Develops competence in teaching language arts in the middle grades. Various topics are explored to equip students with critical skills and knowledge that will be applied to the teaching of language arts. Topics selected will include those identified by the NCTE. Practicum is required. Prerequisites: EDU 310 and 312.

**EDU/PSY 357 Educational Psychology** **3 Hours**

A course for education majors dealing with intelligence, theories of learning, motivation, measurement, personality development, learning processes, and individual differences. Prerequisites: PSY 201, EDU 101.

**EDU 360 Secondary Social Science Teaching Methods** **3 Hours**

Designed for secondary social science majors seeking to develop competency in the methods of teaching history in grades 7-12. Topics of study include the history curriculum, classroom organization and management, performance objectives, and the writing of lesson plans. This course will be interfaced with EDU 306. Prerequisite or co-requisite: EDU 315.

**EDU 362 Secondary Science Teaching Methods** **3 Hours**

Designed for secondary science majors seeking to develop competency in the methods of teaching science in grades 7-12. Topics of study include the science curriculum, classroom organization and management, performance objectives, and the writing of lesson plans. This course will be interfaced with EDU 306. Prerequisite or co-requisite: EDU 315.

**EDU 363 Secondary English Teaching Methods** **3 Hours**

Designed for secondary English majors seeking to develop competency in the methods of teaching English in grades 7-12. Topics of study include the English curriculum, classroom organization and management, performance objectives and the writing of lesson plans. This course will be interfaced with EDU 306. Prerequisite or co-requisite: EDU 315.

**EDU 365 Secondary Mathematics Teaching Methods** **3 Hours**

Designed for secondary mathematics education majors seeking to develop competency in methods of teaching math in grades 7-12. Topics of study include the math curriculum, organizing the classroom for math instruction, developing and implementing effective math instruction techniques, classroom management/discipline, parental involvement, and writing lesson plans. This course will be interfaced with EDU 306. Prerequisite or co-requisite: EDU 315.

**EDU 400 Faculty Development Workshop I** **3 Hours**

A course offered only for staff development in K-12 schools. The specific topic of the workshop is determined by the local school and the college.

**EDU 401 Faculty Development Workshop II** **3 Hours**

A course offered only for staff development in K-12 schools. The specific topic of the workshop is determined by the local school and the college.

**EDU 405 Diagnostic and Prescriptive Reading Instruction** **3 Hours**

A course for early childhood and special education majors exploring reading skills, tools, and techniques for diagnosing reading strengths and weaknesses, and reading prescriptions based on individual pupil needs. Prerequisite: EDU 341.

**EDU 410 Reading in the Content Areas** **3 Hours**

Instruction in adapting materials used in the content areas of mathematics, science, English, literature, music, social studies and physical education to accommodate different reading levels. Strategies will be presented which meet the needs of students who are at risk of failing the content area courses due to reading difficulties.

**EDU 415 Reading in the Secondary Schools** **3 Hours**

Designed to acquaint the secondary education major with the skills needed to improve the learning of every secondary subject. Prerequisite: EDU 315.

**EDU 474 Senior Seminar** **3 Hours**

A seminar to be taken concurrently with EDU 475 – Student Teaching. The course will include topics such as classroom management, legal issues, and career planning.

**EDU 475 Student Teaching Internship** **9 Hours**

Student teaching is arranged with approved schools, and the student is required to spend the full school day in the participating school. The student is provided an opportunity to study the total school curriculum and larger community and must teach 150 clock hours. Prerequisite: Written consent of Director of Professional Lab Experience and passing scores on the Praxis II exam.

**EDU 476 Teaching Internship** **9 Hours**

Designed to serve in lieu of student teaching, the teaching internship is done in an appropriate school for an entire school year (9 months). Persons taking this course must be employed by a school system as full-time teachers with provisional certification and must complete it under the supervision of a college supervisor.

**ENGLISH (ENG)**

**ENG 101 College Writing I** **3 Hours**

The course emphasizes the fundamental thinking and writing skills, including summary, critique, and synthesis, that are essential for all academic writing. The course is preparatory to ENG 102 where the basic skills are applied to academic research. A grade of "C" or better is required to advance to College Writing II.

**ENG 102 College Writing II** **3 Hours**

Reinforces, enhances, and applies the skills learned in College Writing I. The students write a research paper around a topic generated from a thematic course. Work may include readings from fiction, nonfiction, film, or drama. A grade of "C" or better is required to advance to upper-level courses. Prerequisite: ENG 101.

**ENG/CRW 105 Fundamentals of Writing Fiction and Poetry** **3 Hours**

Explores the fundamental nature of literature, both poetry and fiction, and the writing process. Students will examine a wide variety of poetry and prose. There will be discussions of student work both in class and in conference with the instructor. Prerequisite: ENG 101 or permission of the instructor.

**ENG 200 Introduction to Literature** **3 Hours**

An introductory course that employs the critical and analytic skills acquired in College Writing to investigate the nature, history, and purpose of literature in human culture. A wide sampling of texts of various genre across period and national boundaries are chosen to give the student a sampling of the best texts of literary art. Prerequisites: ENG 101 and ENG 102.

**ENG 201 Survey of Western World Literature I** **3 Hours**

A survey of the great works of literature of the western world stressing the development of man's ideas from his earliest writings up through the Renaissance. Designed to develop a student's knowledge and appreciation of literature as a reflection of the humanities. Prerequisite: ENG 101, 102.

**ENG 202 Survey of Western World Literature II** **3 Hours**

A survey of the great works of literature of the western world stressing the development of man's ideas from the neoclassical period to the present times. Designed to develop in a student knowledge of the humanities. Prerequisite: ENG 101, 102.

**ENG 203 Survey of British Literature I** **3 Hours**

Survey of the works of British literature from Old English beginnings through the Age of Enlightenment. Designed to acquaint students with the British literary heritage and provide them with a standard literature course. Prerequisite: ENG 101, 102.

**ENG 204 Survey of British Literature II** **3 Hours**

Survey of the works of British literature from the Romantic period to the present. Designed to acquaint students with the British literary heritage and provide them with a standard literature course. Prerequisite: ENG 101, 102.

**ENG 205 Survey of American Literature I** **3 Hours**

A survey of the works of American literature from the earliest Colonial period to the end of the Civil War. This course is designed to acquaint students with our nation's literary heritage and to provide them with a standard literature course. Prerequisite: ENG 101, 102.

**ENG 206 Survey of American Literature II** **3 Hours**

A survey of the works of American literature from after the Civil War to the present. This course is designed to acquaint students with our nation's literary heritage and to provide them with a standard literature course. Prerequisite: ENG 101, 102.

**ENG/CRW 211 Creative Writing Practicum** **1 Hour**

This course features study and participation in the process of creating, editing, publishing, advertising, and managing the student magazine, *Oracle*. Requires attendance and participation in weekly staff meetings in order to meet minimal standards. May be repeated for up to 3 hours credit. No prerequisites.

**ENG/SPA 215 Hispanic Literature** **3 Hours**

A survey of Hispanic Literature from its beginnings to modern times. The course is offered in a dual-language format that is designed to enhance vocabulary and increase awareness of literary, idiomatic and descriptive powers of the language. It is also a course for non-Spanish speakers who wish to know something of the rich Hispanic literary heritage. Prerequisite: ENG 101, 102 or permission of the instructor.

**ENG 305 The Works of William Shakespeare** **3 Hours**

English 305 provides the student with a thorough overview of the plays of William Shakespeare. Works are selected from each of the genres, and appropriate critical and historical material will also be covered. Prerequisite: one 200-level literature course.

**ENG 309 Southern Literature** **3 Hours**

A survey of the poetry, fiction and nonfiction prose writings in the South from Revolutionary times to the present, with major emphasis on so-called "Southern Renaissance" of the 20th century. Works of such writers as Cable, Chopin, Harris, Faulkner, Warren, Wolfe, Tate, Ransom, Welty, O'Conner, and Styron. Prerequisite: one 200-level literature course.

**ENG 310 Studies in Poetry** **1-3 Hours**

A variable topics course providing an in-depth study of prosody, some particular genre such as the lyric, epic, sonnet, or some particular topic such as war, journeys, love, nature, marriage, and death. The topic and number of hours of credit will vary. May be repeated with a change of content up to a maximum of 6 credit hours. Prerequisite: one 200-level literature course.

**ENG 312 Studies in the Novel** **3 Hours**

A variable topics course providing an in-depth study of the novel either by period, topic, or author. May be repeated with a change of content up to a maximum of 6 credit hours. Prerequisite: one 200-level literature course.

**ENG/CRW 314 Introduction to Critical Theory** **3 Hours**

A survey of major theories about the nature and function of literature. (All majors planning to attend graduate school in English should take this course.) Prerequisite: one 200-level literature course.

**ENG 315 Women in Literature** **3 Hours**

A critical and thematic study of literature by or about women. A variable-content course which may include fiction, poetry, or drama, British, American, or World Literature. Prerequisite: one 200-level literature course.

**ENG 317 Business in Literature** **3 Hours**

An interdisciplinary approach to the study of literary works which examine the world of business. Course will address not only the American business culture, but also the business cultures of Europe and Asia. Prerequisite: one 200-level literature course.

**ENG 319 African-American Literature** **3 Hours**

Examines significant works by African-American writers from the eighteenth century to the present. Prerequisite: one 200-level literature course.

**ENG/CRW 320 Advanced Techniques in Writing** **3 Hours**

Application of the principles of writing fiction and poetry and the development of advanced techniques in the student's creative abilities.

**ENG 321 Modern English Structure** **3 Hours**

Analysis of the morphological and syntactic systems of current English and a brief survey of language acquisition and semantics. Prerequisite: one 200-level literature course.

**ENG/CRW 322 Advanced Composition** **3 Hours**

Intensive study and practice of various expository methods and persuasive writing. Prerequisite: ENG 102.

**ENG/CRW 323 Scriptwriting** **3 Hours**

A workshop in dramatic writing, primarily for television and film, to include discussion of the following topics: understanding the medium, developing the material (concept-premise-character), the three-act structure and its relation to prose narrative, alternatives to structuring the play, and the conventions of screenwriting. A number of contemporary screenplays are used as instructional materials. The minimum writing requirement is a script ranging from 30-60 pages. Prerequisite: CRW/ENG 105.

**ENG 332 Film as Literature** **3 Hours**

Examination of film as a genre of literature with emphasis upon the difference between writing and visual interpretation, and relation to contemporary thought and values. Students acquire a broad history of the film medium and view important motion pictures covering all periods of this century-old literary art, including recognized classics from the realm of world cinema. All films screened represent the spectrum of diversity which exists within the multicultural human family. Prerequisite: one 200-level literature course.

**ENG 340 Seminar in World Literature** **3 Hours**

A seminar in various areas of world literature. Prerequisite: one 200-level literature course.

**ENG/CRW 350 Selected Topics in Creative Writing** **3 Hours**

A study of selected topics in Creative Writing. Prerequisite: Permission of the instructor.

**ENG 352 Interpreting Young Adult Literature** **1 Hour**

The course demonstrates how literary critical theory is a useful pedagogical tool for secondary and middle school teachers. Students are introduced to the elements of the major theoretical perspectives and instructed in methods for employing the analytical and critical techniques in the classroom. Prerequisite: 200-level English course.

**ENG 353 American Ethnic Literature** **3 Hours**

The course introduces students to American writers who represent diverse ethnic and cultural components of our common American culture. The course encompasses a wide historical survey, suggesting that diversity is, in fact, a traditional cornerstone of American life.

**ENG 354 Composition Activities for Teachers** **1 Hour**

An application of the principles of grammar and composition for teachers. Prerequisite: ENG 101 and ENG 102.

**ENG/CRW 400 Seminar in Sequential Media** **3 Hours**

A course in which a student is expected to write (or adapt) and produce a finished work in visual sequential form. Typical media would include: video, film, story boards, and genre generally referred to as comic books. Other media which present a storyline in successive images may be acceptable (subject to the professor's discretion). Prerequisite: Advanced standing or permission of instructor.

**ENG 401 History of the English Language** **3 Hours**

Origin and development of the English language, including present grammatical forms, principles of sound change, and growth of the English vocabulary. Prerequisite: one 200-level literature course.

**ENG 407 The Bible as Literature** **3 Hours**

A study of the literary dimensions of the English Bible. Major emphasis is upon literary themes, types, personalities, and incidents of the Old and New Testaments. Prerequisite: one 200-level literature course.

**ENG 411 Studies in Medieval/Renaissance British Literature** **3 Hours**

Topics, exclusive of Shakespeare, to be chosen from Old and/or Middle English literature and/or Renaissance English. Prerequisite: one 200-level literature course.

**ENG 413 Studies in Restoration and 18th-Century British Literature** **3 Hours**

Topics to be chosen from the literature of 1660 to 1800. Prerequisite: one 200-level literature course.

**ENG 414 Studies in the British Romantic Period** **3 Hours**

Topics to be chosen from the literature of the late 1700's to 1832. Prerequisite: one 200-level literature course.

**ENG 415 Studies in British Victorian Literature** **3 Hours**

Topics to be chosen from the literature of 1832 to 1900. Prerequisite: one 200-level literature course.

**ENG 416 Studies in Twentieth-Century British Literature** **3 Hours**

Topics to be chosen from the literature of 1900 to the present. Prerequisite: one 200-level literature course.

**ENG 431 Studies in Colonial and 19th-Century American Literature** **3 Hours**

Topics to be chosen from the literature of the Settlement to 1900. Prerequisite: one 200-level literature course.

**ENG 433 Studies in Twentieth-Century American Literature** **3 Hours**

Topics to be chosen from the literature of 1900 to the present. Prerequisite: one 200-level literature course.

**ENG 435 Senior Seminar** **3 Hours**

The Senior Seminar is designed to be a capstone experience for the English Major. Problems and methods of the discipline will be used to explore various topics in literary history, theory, and criticism. The student will be expected to write a senior thesis which addresses a topic inspired by the student's course work. At the conclusion of the senior seminar, students will pass the oral exam, which requires that the student demonstrate competency in both literary knowledge and writing skills. During spring semester the student will conclude work on the senior thesis, which is due at the conclusion of the spring semester of the senior year. Final grade for the senior seminar is based upon the course work, oral exams, and the thesis.

**ENVIRONMENT SCIENCE (ENV SCI)**

**ENV SCI/BIO 150 Environment Science** **4 Hours**

A presentation of the diverse issues related to the environment. Mechanisms of ecosystems, food production, natural resources, air and water quality, waste disposal and management, and other topics are discussed. The social, political and economic aspects of man's interaction with the natural environment are considered. May be taken as a Core lab science. May NOT be taken for credit as a Major Requirement for a degree in Biology. Three hours lecture , two hours lab per week.

**FIELD EXPERIENCE**

**FE 300 Field Experience** **3-6 Hours**

A course in which credit is awarded for specific experience that enhances knowledge and/or skills. Students who desire to take this course must prepare a proposal as outlined elsewhere in the *Catalog*. This course may be taken only once by any student for a minimum of three and a maximum of six semester hours credit. The course is graded on a pass-fail basis.

**FRENCH (FRE)**

**FRE 101 Elementary French I** **3 Hours**

This first sequence is offered for those who have fewer than two high school units in French. The fundamental objective is to introduce the student to basic elements of French – grammar, composition, translation, phonetics, conversation, and culture.

**FRE 102 Elementary French II** **3 Hours**

Continuation of FRE 101. For those who have passed FRE 101 or have two units of high school French. Permission of instructor may also be obtained in special cases.

**FRE 103 Elementary French III** **3 Hours**

Continuation of FRE 102. For those who have passed FRE 102 or have three units of high school French. Permission of instructor may also be obtained in special cases.

**FRE 201 Intermediate French I** **3 Hours**

Conversation, composition, and reading of authentic French texts are stressed. Designed for students who have passed French 103 or four units of high school French. Permission of instructor may also be obtained in special cases.

**GEOGRAPHY (GEO)**

**GEO 201 World Geography** **3 Hours**

This is a study of man's relationship to his physical environment. A survey is made of human conditions around the world and effects upon man of climate, land forms, bodies of water, and mineral deposits.

**GEOLOGY (GEOL)**

**GEOL 101 Physical Geology** **4 Hours**

A study of the origin, development, composition, and structure of planet Earth and of the processes modifying its interior and exterior. Field trips are part of the requirements of the course. Desired co-requisite or prerequisite: 3 hours of college-level math. Three hours lecture, 3 hours laboratory.

**GEOL 102 Historical Geology** **4 Hours**

A study of the geological history of the planet Earth. The geologic time scale, the fossil record, and methods of interpretation are considered. Field trips are part of the requirements of the course. Desired co-requisite or prerequisite: 3 hours of college-level math. Three hours lecture, 3 hours laboratory.

**GEOL 201 Oceanography** **4 Hours**

An introduction to the study of the origin and history of ocean basins and the chemical, physical, and geologic processes which occur therein. Field trips are required. Three hours lecture, 3 hours laboratory. Prerequisite: GEOL 102 or BIO 102.

**GEOL 290 Topics in Geology** **2 Hours**

Special projects in geology, permitting a student or small group of students to pursue topics not covered in formal course settings, or to investigate in more depth a topic in a previous course. Approval by the supervising faculty member must be obtained before registering for the course.

## **GREEK**

**GRE 101 Elementary Biblical Greek I** **3 Hours**

An intensive study of the grammar, syntax, and vocabulary of Hellenistic Greek as it relates to the translation and interpretation of the New Testament. This section will introduce Greek nouns, pronouns, adjectives, prepositions, and verbs.

**GRE 102 Elementary Biblical Greek II** **3 Hours**

A continuation of the study of Hellenistic Greek grammar, syntax, and vocabulary. This section will focus upon Greek verbs and participles and will incorporate selected readings from the New Testament. Prerequisite: GRE 101.

**GRE 201 Intermediate Biblical Greek** **3 Hours**

A more exhaustive study of the Hellenistic Greek language of the New Testament. Numerous reading selections from a variety of New Testament documents will be translated and analyzed. Prerequisite: GRE 102.

## **HEALTH (HEA)**

**HEA 105 Drug Education** **3 Hours**

A study of the physiological, pathological, and social results of substance abuse. This will include tobacco, alcohol, soft and hard drugs.

**HEA 200 Sport and Fitness Nutrition** **3 Hours**

A review of basic nutritional principles related to general health with an emphasis on the application of these principles to physically active individuals with the intent of maximizing performance.

**HEA 211 First Aid, Safety, and CPR** **2 Hours**

This course is designed to include specific details of injury and illness (such as fainting, epileptic seizures, poisoning, and anaphylactic shock as well as life-threatening emergencies). Students successfully completing course requirements will receive certification in First Aid and Cardiopulmonary Resuscitation (CPR).

**HEA/EDU 330 Contemporary Health Issues** **3 Hours**

A course designed to provide prospective teachers and other professionals with background knowledge and teaching strategies related to mental health and stress, aging, nutrition, drugs, sexuality, death and dying, diseases, selection of medical service and health insurance, the environment and consumer health. Substance abuse, teenage pregnancy, AIDS, teenage suicide and other issues pertinent to professionals will be addressed and students will analyze their own attitudes and behaviors concerning these issues. Prerequisite: junior standing.

**HEA 400 Public Health Promotion** **2 Hours**

Designed to equip the learner with an overview of public and environmental health concepts as well as the relationship of the behavioral and social sciences to health issues. Other issues discussed include health services, health promotion, and the politics of health care. Prerequisite: PE 206.

## **HISTORY (HIS)**

### **HIS 151 World Civilizations I 3 Hours**

An overview of the principal civilizations of Asia, Africa, Europe, and the Americas from prehistory to A.D. 1600, focusing on the religious, political, economic, and cultural developments of each civilization.

### **HIS 152 World Civilizations II 3 Hours**

An overview of the principal civilizations of Asia, Africa, Europe, and the Americas since 1600, focusing on the religious, political, economic, and cultural developments of each civilization.

### **HIS 202 United States to 1877 3 Hours**

Survey of the history of the United States from 1492 through 1877 with emphasis on the period from the end of the Colonial Era through the Civil War and Reconstruction. Particular attention is given to the history of Georgia in the same era.

### **HIS 203 United States 1877 to the Present 3 Hours**

Survey of the history of the United States from the end of Reconstruction through the modern era. Particular attention is given to the history of Georgia in the same era.

### **HIS 205 African-American History 3 Hours**

A thematic survey of the African-American experience with a special emphasis on slavery, post civil war adjustment, the Civil Rights movement, and the place of religion in the African-American community.

### **HIS/POL/PSY/SOC 304 Statistics for the Social and Behavioral Sciences 3 Hours**

Material covered includes frequency distributions and graphs, descriptive measures, probability, probability distributions, sampling distributions, and introductions to correlation coefficients and simple regression, chi-square, t-tests, and analysis of variance. Does not require knowledge of calculus. Prerequisites: MAT 101 or MTH 102 and 104.

### **HIS 309 Roman History 3 Hours**

A study of the history of Rome from its beginnings as a republic through the collapse of the empire. Prerequisite: HIS 151.

### **HIS/CHR 312 The Reformation 3 Hours**

A study of the Protestant Reformation with emphasis upon its influence on political, cultural, and economic life in Europe. Prerequisite: HIS 151.

### **HIS 319 The French Revolution and Napoleon 3 Hours**

This course will examine the period of European History from 1789 to 1815 with an emphasis on the changing social, military, and political structure of France and to a lesser extent Europe.

### **HIS 320 Nineteenth-Century Europe 3 Hours**

A study of European History from the Napoleonic Era through the end of the nineteenth century. The course stresses the development of nationalism and the importance of industrialization, conservatism, liberalism, democracy, socialism, and Marxism to an understanding of the era. Prerequisite: HIS 152.

**HIS 321 Twentieth-Century Europe 3 Hours**

A study of Europe in the twentieth century. Emphasis is placed on World War I and II, the Russian Revolution, and the Cold War. Prerequisite: HIS 152.

**HIS 325 Studies in Twentieth Century Non-Western History 3 Hours**

A course which examines the political, social and cultural issues of the twentieth century that have shaped and influenced the non-western world with particular emphasis on Africa, the Middle East and Asia.

**HIS/POL 331 American Foreign Policy 3 Hours**

The examination of the evolution of American foreign policy since 1945 emphasizing the Cold War's impact on the development of institutions and behavior in the contemporary period. Prerequisite: POL 210 or 231 or HIS 203.

**HIS 350 Middle Eastern History 3 Hours**

Involves the study of the Middle East with an emphasis on political, religious, and ethnic history from the origins of Islam until the modern day.

**HIS 352 A History of Russia since 1800 3 Hours**

This course examines the development of Russian political, diplomatic, social, and cultural history from the Tsarist period through the Soviet era to present day.

**HIS 360 The American Revolution 3 Hours**

A study of events that led to the establishment of the United States as a sovereign nation. Prerequisite: HIS 202, 205 or permission of instructor.

**HIS 365 The American Civil War and Reconstruction 3 Hours**

A study of the forces which both divided and reunited the United States in the period from 186-1877, with a concentration on the war and its impact on the American nation. Prerequisite: HIS 202 or permission of the instructor.

**HIS 375 The Native Americans 3 Hours**

A history of Native Americans from pre-Columbian times through the twentieth century. Prerequisite: HIS 202 or 203, and 205.

**HIS 391 United States 1932 to the Present 3 Hours**

A study of American History from the New Deal to present times. Prerequisite: HIS 203, 205, or permission of instructor.

**HIS/SOC 405 Asian Civilizations 3 Hours**

A study of the history and culture of Asia from ancient times to the present. An interdisciplinary study of the major nations with emphasis on China and India and their impact on the rest of the region and the modern world. Prerequisites: one of the following: SOC 201, HIS 151, 152.

**HIS 409 Internship** **3 Hours**

A course providing structured and supervised experience in career fields related to history. Internships may be with historical museums, research facilities, public agencies such as state and national historic parks, historical societies, archives, and business firms. This course is designed to afford an opportunity for the student to apply principles and theories in the workplace. Offered on demand. Prerequisite: permission of instructor.

**HIS 425 The American South** **3 Hours**

A study of the American South with emphasis on the unique aspects of the region's history as well as its impact on national affairs. Prerequisite: HIS 202, 203, or 205

**HIS 430 War and Society in the non-Western World** **3 Hours**

An examination of the relationship between warfare and social change, with particular emphasis on agrarian-based revolts and the issues of modernization and the global economy.

**HIS 450 Georgia History** **3 Hours**

A study of the history of Georgia from colonization to the present. Prerequisite: HIS 202 or 203, 205 or permission of instructor.

**HIS 480 Topics in History** **1-3 Hours**

A study of selected topics in history. The topic and number of hours will vary. Prerequisite: Permission of instructor.

**HIS 490 Senior Seminar** **3 Hours**

The capstone course for history majors, this course will integrate the student's knowledge of history with the ability to conduct research and write a research driven paper on a historical subject.

**HUMAN SERVICES (HS)**

**HS 201 Introduction to Human Services** **3 Hours**

This course is designed to introduce students to the field of Human Services, including the history of the profession and its knowledge, skill and value base. Students will gain an understanding of various careers within human services and the settings in which they are practiced.

**HS 301 Social Welfare Policy** **3 Hours**

This course is designed to focus on the major components of the social welfare system in the United States. Course content will include the history, mission, and philosophy of the social work and human service professions. Current social welfare programs will be used as examples in explaining patterns of provision of services, the role of social policy in society and the effect of policy on human services practice. Students will be taught the

process of policy formulation and the frameworks for analyzing current social policies utilizing the principles of social and economic justice. Prerequisite: HU 201.

**HS 401 Interpersonal Skills in Human Services** **3 Hours**

This course will introduce the student to practice in human services emphasizing the development of skills in working with ethnically, racially and gender sensitive cases. Students will begin to develop interviewing skills through the use of class role-plays, case presentations, videotaping and feedback, and class discussion. Listening skills and nonverbal communication will be included. Students will become familiar with the foundation of professional human service knowledge, values and skills and will explore ethical dilemmas inherent in human service practice. Prerequisite: HS 201.

**HS 402 Group Dynamics in Human Services** **3 Hours**

This course teaches students the study of structures, organizations, and functions of groups. Students are instructed on the different types of groups and their purpose as well as the process and stages of groups. Group leadership skills in decision-making and problem solving are taught. All students have the opportunity to co-lead a class group as well as observe a community group. Prerequisite: HS 201, 401.

**HS 409 Human Services Practicum and Seminar Internship** **3 Hours**

This practicum is designed as an educational placement to give practical work opportunities in a sociologically and vocationally appropriate setting to students. It is designed to supplement and reinforce cognitive learning by giving students the opportunity to directly test classroom learning and practice skills in agency settings. Structured to help students achieve educational goals and objectives, it is provided to develop a realistic balance between the theoretical concepts of classroom learning and the real world of providing human services to consumers and the broader community. Prerequisite: Senior Standing.

**LEARNING ASSISTANCE (LA)**

*LA 98 and LA 99 receive institutional credit but are not applicable toward degree programs at Brewton-Parker College nor transferable to other institutions.*

**LA 98 Reading and Writing for College** **4 Hours (Inst.)**

This course helps students develop efficient reading and writing strategies for college and enjoyable habits for lifelong learning. Individualized instruction is provided in the writing of sentences, paragraphs, and short essays, as well as in the building of vocabulary and analytical reading skills. Stresses the complementary nature of reading and writing in college courses. Lecture 3 hours, laboratory 2 hours.

**LA 99 Fundamentals of Algebra** **4 Hours (Inst.)**

A review of arithmetic, plus instruction in real numbers, algebraic expressions, equations, polynomials and their factorizations, rational expressions, and applications. Lecture 3 hours, laboratory 2 hours.

**COL 101 The Freshman Year Experience** **3 Hours**

A course which provides experiences, strategies, and techniques to help first-semester students adjust to college life, develop a better understanding of their learning processes, and acquire essential academic skills. The course also provides a support group for students in a critical transition year by examining problems common to the first-year experience. The course is required of Learning Assistance students in their first year.

**COL 102 Freshman Seminar** **1 Hour**

The course provides an introduction to the nature of higher education and critical thinking. It also gives a general orientation to the functions and resources of the College and its academic disciplines, and is designed to help students develop personal goals for careers and increase their commitment to, or exploration of, a proposed field of study. The course includes reading and writing assignments and field experiences relevant to the intellectual and cultural life of the College. Required during their first semester for freshman and students who transfer in fewer than 24 hours credit. Open to other students only by permission of the Provost.

**MATHEMATICS (MTH)**

**MTH 101 Using and Understanding Mathematics** **3 Hours**

Topics covered include principles of reasoning, problem solving tools, numbers in the real world, mathematical modeling, exponential growth and decay, mathematics and the arts and discrete mathematics in business and society. Prerequisite: Two years of high school mathematics and a minimum SAT score of 430 on the Math portion of the SAT or a minimum score of 480 on the Math portion of the SAT or successful completion of LA 99.

**MTH 102 College Algebra** **3 Hours**

Topics include solving equations, inequalities, and systems of equations; exponents; radicals; polynomial, inverse, and rational functions and their graphs. Prerequisite: Two years of high school algebra and a minimum SAT score of 430 on the Math portion of the SAT or a minimum score of 480 on the Math portion of the SAT, or successful completion of LA 99.

**MTH 103 Finite Mathematics** **3 Hours**

A study of systems of equations, matrices, linear programming, probability, and statistics. Prerequisite: MTH 102.

**MTH 104 Elementary Statistics** **3 Hours**

Descriptive statistics, an introduction to probability, confidence intervals, hypothesis testing, correlation and regression. Prerequisite: MTH 101 or MTH 102.

**MTH 111 Precalculus** **3 Hours**

Fundamental concepts of algebra; exponential, logarithmic, and trigonometric functions; analytic trigonometry; applications of trigonometry; vectors; and complex numbers. Prerequisite: MTH 102 or approval of the Math division.

**MTH 203 Math for Elementary Teachers** **3 Hours**

A course for elementary education majors. Math for Elementary Teachers is a study of principles upon which our numeration system is based with emphasis on mathematical reasoning, sets, integers, rational numbers and the algorithms used in the Hindu-Arabic system for addition, subtraction, multiplication, and division. Prerequisite: MTH 101 or another math course beyond MTH 101.

**MTH 204 Calculus I** **4 Hours**

A study of differential and integral calculus. Prerequisite: MTH 111, or permission of instructor.

**MTH 205 Calculus II** **4 Hours**

A study of integral calculus, applications and infinite series. Prerequisite: MTH 204.

**MTH 301 Foundations of Geometry** **3 Hours**

A study of measurement, plane and space figures, and other geometric concepts. Prerequisite: MTH 101 or 102.

**MTH 310 College Geometry** **3 Hours**

The study of elementary geometry. Euclidean geometry, non-Euclidean geometries, and finite geometries are considered. Prerequisite: MTH 204.

**MTH 315 Linear Algebra** **3 Hours**

Introduction to finite dimensional vector spaces and matrix theory including basic systems of linear equations and determinants. Prerequisite: MTH 204.

**MTH 316 Topics in Linear Algebra** **3 Hours**

Selected topics from matrix theory and applied linear algebra. Prerequisite: MTH 315.

**MTH 320 Set Theory** **3 Hours**

An introduction to the logical structure of mathematics. Deductive methods. Logic and structure of sets as they relate to proofs in mathematics. Prerequisite: MTH 102 or MTH 11 or MTH 204.

**MTH 321 Introduction to Number Theory** **3 Hours**

Properties of integers, divisibility, congruence of numbers, Lagrange's theorem, residues, diophantine problems. Prerequisite: MTH 205.

**MTH 325 Advanced Calculus** **3 Hours**

Vectors, multivariable functions, partial derivatives, multiple integrals, vector and scalar fields, Green's and Stoke's theorems, and divergence theorem. Prerequisite: MTH 205.

**MTH 330 Mathematical Statistics I** **3 Hours**

Introduction to probability, distribution functions and moment generating functions.  
Prerequisite: MTH 205.

**MTH 331 Mathematical Statistics II** **3 Hours**  
Random sampling. Presentation of data, confidence intervals and tests of hypothesis.  
Prerequisite: MTH 330.

**MTH 350 Differential Equations** **3 Hours**  
Introduction to the study of ordinary differential equations and their application in the analysis of physical systems. Prerequisite: MTH 205.

**MTH 410 History of Mathematics** **3 Hours**  
A survey of the origin and development of mathematics. Prerequisite: Fifteen hours of mathematics.

**MTH 415 Modern Algebra** **3 Hours**  
Introduction to the study of the fundamental structure of algebra – sets, groups, rings and fields. Prerequisite: MTH 205.

**MTH 416 Topics in Modern Algebra** **3 Hours**  
Selected topics from modern algebra. Any suitable choice of topics in group theory or ring and field theory. Prerequisite: MTH 415.

#### **MUSIC (MUS)**

**MUS 10 Concert Choir** **1 Hour**  
This is a mixed choir with membership open to students by audition. This group represents the College on many occasions during the year. There are four fifty-minute rehearsals per week.

**MUS 11 Baron Singers** **¾ Hour**  
The Baron Singers is a mixed group of ten auditioned singers and backup band. The repertoire consists of traditional and popular Christmas music, spirituals, contemporary Christian and pop/rock selections. There are two 60-minute rehearsals per week.

**MUS 12 Lyric Theater** **½ Hour**  
This ensemble provides experience in all aspects of lyric theater production. A variety of appropriate repertoire from the operatic literature will be explored and performed. Stage movement and dramatic presentation will be studied along with acting techniques for the singer. Styles and production aspects common to lyrical theater will be addressed as part of the learning experience. There are two hours of rehearsal per week. Spring.

**MUS 13 Choral Society** **1 Hour**  
A vocal ensemble of non-auditioned members, open to all students, faculty, staff, and community persons. One rehearsal weekly for two hours. Fall and Spring. Major choral works are the center of the repertoire.

**MUS 20 College Wind Ensemble** **1 Hour**

The College Wind Ensemble performs a variety of music, including transcriptions, serious 20th century works, marches, and lighter selections. In addition to a Spring concert, the Ensemble performs for Chapel as well as several off-campus concerts each year. There are four 50-minute rehearsals per week.

**MUS 21 Jazz Band** **½ Hour**

The Jazz Band performs jazz-related music ranging in style from swing to jazz-rock. Includes opportunity for improvisation and solo work. This group performs both on and off campus for a variety of occasions. There are two 60-minute rehearsals per week.

**MUS 22 Brass Ensemble** **¼ Hour**

A mixed brass chamber group – membership through invitation of director. One 60-minute rehearsal per week.

**MUS 31 Baron Ringers** **¾ Hour**

An ensemble of ten to twelve ringers who rehearse and perform both sacred and secular music extending in musical style from the Renaissance through the 20th century. The ensemble concretizes often and tours annually. There are two 90-minute rehearsals a week; and membership is open to any student of college by audition.

**MUS 000 Student Recital Hour** **0 Hours**

This course is a performance laboratory required of all students enrolled in Primary Concentration Applied Music for two or three hours credit. The course will be graded on a pass/fail basis.

**MUS 100 Rudiments of Music** **3 Hours**

A survey of the basic materials of music, including pitch, rhythm, meter, intervals, scales, triads, and musical terminology. The course includes ear-training experience. This course does not apply to the music theory sequence requirement for graduation with a minor or a degree in music.

**MUS 101 Harmony I** **3 Hours**

This course is designed to equip the student with a thorough knowledge of the fundamentals of music theory in order to provide a foundation, which prepares the student for the study of harmony. Additionally, this course is intended to expose the student to the basic rules of part-writing through written exercises and harmonic analysis.

**MUS 102 Ear Training and Sight Singing I** **2 Hours**

This course provides an aural approach to the study of the materials of music studies in MUS 101, including scales, intervals, and chords. Students will study these concepts through aural recognition, dictation, and performance.

**MUS 103 Harmony II** **3 Hours**

This course is a continuation of MUS 101 and is designed to expand the student's knowledge of harmony through the study of secondary triads, augmented and diminished triads seventh chords, melody and rhythm, secondary dominants, elementary modulation,

and improvisation through the study and application of non-harmonic tones. Prerequisite: MUS 101.

**MUS 104 Ear Training and Sight Singing II** **2 Hours**

This course is a continuation of MUS 102 and addresses concepts studied in MUS 103 through sight singing and dictation. Prerequisite: MUS 102.

**MUS 121 Diction for Singers I** **1 Hour**

A study of the pronunciation of the English and Italian languages through the use of the International Phonetic Alphabet, particularly as the sounds pertain to singing. Vocal literature in each language will be prepared. Class meets 50 minutes per week with additional lab sessions.

**MUS 122 Diction for Singers II** **1 Hour**

A study of the pronunciation of the German and French languages through the use of the International Phonetic Alphabet, particularly as the sounds pertain to singing. Vocal literature in each language will be prepared. Class meets 50 minutes per week with additional lab sessions. Prerequisite: MUS 121.

**MUS 131 Introduction to Handbells** **1 Hour**

A course of study designed to allow the student experience in beginning, intermediate, and selected advanced handbell techniques in preparation for participation in a performance team or for use later as a director.

**MUS 201 Harmony III** **3 Hours**

This course is a continuation of MUS 103 and is designed to expose the student to advanced part-writing techniques through the study of modulation and altered chords. Composition of binary forms and improvisation are also included. Prerequisite: MUS 103.

**MUS 202 Ear Training and Sight Singing III** **2 Hours**

This course is a continuation of MUS 104 and addresses concepts studied in MUS 201 through sight singing and dictation. Prerequisite: MUS 104.

**MUS 203 Harmony IV** **3 Hours**

The course is a continuation of MUS 201 and is designed to guide the student through the techniques of late 19th century and 20th century harmony and compositional practice including impressionism, Primitivism, Serialism, Indeterminacy and Minimalism. Composition of representative forms is included. Prerequisite: MUS 201.

**MUS 204 Ear Training and Sight Singing IV** **2 Hours**

This course is a continuation of MUS 202 and addresses concepts studied in MUS 203 through sight singing and dictation. Prerequisite: MUS 202.

**MUS 205 Music Appreciation** **3 Hours**

A course designed to focus on perceptive listening to music for gaining an understanding of the nature of music, how it is created and how it functions. In addition to Western European classical music, folk, religious, jazz, popular, ethnic, and world music are presented.

**MUS 206 Rock Music** **3 Hours**

A survey of the history of rock musical style from its sources in American Pop, Blues, Country, Gospel, Folk, and Soul Music through Underground and Alternative Styles.

**MUS 208 Jazz** **3 Hours**

A course designed to define what jazz is, discover its sources in African and European musical cultures, and survey its various styles from Blues, Ragtime, and Dixieland through Crossover and Jazz Fusion.

**MUS 209 American Music** **3 Hours**

A course designed to survey the history of the development of music in America beginning in North American Indian Music through music of today including both popular and classical styles.

**MUS 210 Introduction to Music Technology** **2 Hours**

A course of study designed to introduce the fundamentals of computer systems and applications, with special emphasis given to sequencing and notational software. Student projects allow opportunity for improvisations and composition.

**MUS 211 Survey of Music Literature** **3 Hours**

A course designed to develop perceptive listening through recognition of specific style characteristics in music literature appropriate to the historical art period. Focus is on Western Art music with attention given to jazz, American popular music and musical theater, and non-Western music. For Music Majors only.

**MUS 251 Foundations of Church Music** **3 Hours**

An introduction to biblical, theological, and philosophical foundations for music ministry as well as consideration of practical aspects such as organization, time management, budgeting, staff relations, and training of volunteer leaders. Field observations in a local church will be required.

**MUS 301 Form and Analysis** **2 Hours**

A study of the structure of musical composition through the analysis of specific works by composers of the Renaissance, Baroque, Classic, Romantic, and Twentieth Century periods. Fall. Prerequisite: MUS 203.

**MUS 302 Choral Arranging** **2 Hours**

A study and practical experience in arranging for choral ensembles of varying sizes, styles and voicing. Prerequisite: MUS 203 and MUS 204.

**MUS 303 Instrumentation and Orchestration** **2 Hours**

A study of the combination of instrument for varying tone color and practical experience in arranging for instrumental ensembles. Prerequisite: MUS 203 and MUS 204.

**MUS 304 Composition I** **1 Hour**

Study of various compositional techniques and practical experience in writing original material. Chord structure, harmonic progression, tonality, thematic organization, and imitative procedures are covered. Prerequisite: MUS 203.

**MUS 306 Counterpoint** **3 Hours**

A course that provides a stylistic study of both modal and tonal counterpoint, with an emphasis on Eighteenth-century procedures through the examination of invention, suite, and fugue. Assignments include analysis and composition. Prerequisite: MUS 301.

**MUS 311 Music History and Literature I** **3 Hours**

A study of music history and musical style from the ancient Greeks through the Middle Ages, Renaissance, and Baroque. Stylistic developments, musical forms, and contributions of representative composers are studied.

**MUS 312 Music History and Literature II** **3 Hours**

A study of music history and musical style of the Classic style period through the Twentieth Century. Stylistic developments, musical forms, and contributions of representative composers are studied.

**MUS 331 Beginning Conducting** **1 Hour**

Introduction to conducting patterns in both simple and compound meters and with a class laboratory experience. Open to all students. Fall.

**MUS 332 Choral Conducting** **2 Hours**

A course requiring intensive drill in choral conducting techniques, rehearsal procedures and historical perspectives. Laboratory experience is provided. Prerequisite: MUS 331. Spring.

**MUS 333 Instrumental Conducting** **2 Hours**

Designed to follow beginning conducting, this course continues the study of conducting technique with an emphasis on leadership of instrumental groups. Laboratory experience is provided. Prerequisite: MUS 331. Fall.

**MUS 335 Keyboard Accompaniment** **1 Hour**

Designed to develop skills and techniques in accompanying vocal and instrumental rehearsals and performance. Introduction to improvisation.

**MUS 336 Service Playing** **1 Hour**

A course designed to provide organ majors and church organists with practical experience in organ registration, repertoire, hymn playing and anthem accompaniment. Prerequisite: Standing as an organ major or permission of the instructor.

**MUS/EDU 340 Public School Music** **3 Hours**

A course designed for the Early Childhood Education Major which concentrates on basic music reading and familiarizes the student with elementary music methods and materials.

**MUS 341 Elementary Music Methods and Curriculum** **3 Hours**

This course focuses on teaching methods in music from preschool through grade 6, including exceptional children at this level. The course requires at least a 5 to 10 day portfolio containing lessons, a learning center, and a bulletin board and based on behavioral objectives, a sequential concept structure, appropriate assessments, and experiential learning activities, field observations, Bloom's Taxonomy and music from different cultures. In addition, a philosophy of music education will be developed by each student, along with skills in guitar and recorder playing. Contemporary theories for music teaching will be addressed and techniques for classroom improvisation and composition will be introduced. This is a course that focuses on methods and materials for elementary grade children. Observation in a classroom is required. Fall (even years).

**MUS 342 Secondary Music Methods and Curriculum** **3 Hours**

A course designed to acquaint Music Education students with appropriate methods and materials utilized in the secondary classroom or with performing ensembles. Students will be assigned to a public school music specialist for a practicum experience. Fall (odd years).

**MUS 350 Special Topics in Music** **1-3 Hours**

A study of selected topic(s) in music. The topic(s) will vary from semester to semester and may be offered in more than one topic simultaneously. Prerequisite: MUS 203, 204.

**MUS 351 The Organ in Worship** **1 Hour**

A course open for students who desire a basic knowledge of the instrument as used in worship. Permission of instructor required.

**MUS 353 Church Music Education** **3 Hours**

A study of the organization and administration of the comprehensive church music ministry. Areas include preschool/children's choir through senior adult choir, instrumental music ministry, scheduling, promotion, and planning.

**MUS/CHR 354 Worship and Music** **3 Hours**

A study of the theology and development of Christian worship with attention given to the role of music. A comparison of worship patterns and styles past and present, and consideration of planning services of worship is included.

**MUS 411 World Music** **3 Hours**

A course of study designed to increase the student's knowledge and understanding of world music. Repertoires to be studied include African, Asian, Indian, and Javanese music.

**MUS 412 Organ Literature I** **3 Hours**

Surveys of the major schools of organ composition from the Renaissance through J.S. Bach. Includes discussion of documentary sources and concepts/schools of organ design.

**MUS 413 Organ Literature II** **3 Hours**

Surveys of the major schools of organ composition from 1750 to the present. Includes discussion of documentary sources and concepts/school of organ design.

**MUS 414 Piano Literature I** **3 Hours**

Surveys the repertoire for stringed keyboard instruments from the age of J.S. Bach and his Contemporaries through Haydn and Mozart to Beethoven.

**MUS 415 Piano Literature II** **3 Hours**

Surveys the repertoire for the piano from the time of Beethoven through piano repertoire of the Twentieth century.

**MUS 416 Song Literature** **3 Hours**

A course of study designed to acquaint students with the art song and to investigate its manifestations from the seventeenth through the twentieth century.

**MUS 417 Opera Literature** **3 Hours**

An investigation into dramatic stage music from the Baroque period to the present.

**MUS 418 Orchestral Literature** **3 Hours**

An historical survey of the outstanding works from the Eighteenth century to the present.

**MUS 419 Chamber Music and Band Literature** **3 Hours**

An historical survey of works for chamber ensembles and concert band from the Eighteenth century to the present.

**MUS 420 Survey of Instrumental Techniques** **1 Hour**

A course designed to acquaint students with the characteristics of brass, woodwind, string, and percussion instruments. Includes hands-on experience and basic performance skills instruction. (Not intended for instrumental/Band Track music majors.)

**MUS 421 Vocal Pedagogy** **2 Hours**

A study of singing techniques, diagnosis of common vocal faults and their correction, literature for vocal development and program building.

**MUS 423 Organ Pedagogy** **2 Hours**

Provides a discussion of technical approaches to teaching beginning and intermediate level organ students as well as examination and evaluation of methods and materials. Addresses the teaching of standard repertoire and hymn playing. Studies practical aspects with which the private teacher is concerned. Includes observations of lessons and practice teaching.

**MUS 424 Piano Pedagogy** **2 Hours**

Provides a discussion of technical approaches to teaching beginning and intermediate level piano students as well as an examination and evaluation of methods and materials. Studies practical aspects with which the private teacher is concerned. Includes observation of lessons and practice teaching.

**MUS 425 Woodwind Pedagogy** **2 Hours**

A study of performing and teaching techniques applied to woodwind instruments, and a survey of practical literature.

**MUS 426 Brass Pedagogy** **2 Hours**

A study of the methods of teaching brass instrument performance as well as a survey of literature.

**MUS 427 Percussion Pedagogy** **2 Hours**

A course covering methods of teaching performance on the percussion instruments and a survey of appropriate literature.

**MUS 440 Marching Band Methods** **1 Hour**

Techniques of organizing and administering the public school marching band are stressed, along with individual marching techniques and principles of charting. Includes introduction to computer software for marching band charting. Fall.

**MUS 441 Woodwind Methods** **1 Hour**

A course designed to acquaint music education majors with instruments from the woodwind family. Students will acquire beginning playing skills as well as learning teaching techniques. Class meets 50 minutes per week with additional lab sessions.

**MUS 442 Brass Methods** **1 Hour**

This course will introduce Music Education majors to brass instruments. The objectives include practical playing and teaching techniques. Class meets 50 minutes per week with additional lab sessions.

**MUS 443 String and Percussion Methods** **1 Hour**

Designed for Music Education majors. This course will provide experience in the use of string and percussion instruments, as well as knowledge of teaching techniques. Class meets 50 minutes per week with additional lab sessions.

**MUS 451 Hymnology** **3 Hours**

An historical and analytical study of congregational song, and its effective use in modern services of Christian worship.

**MUS 455 Church Music Internship** **1 Hour**

An opportunity for students to gain practical experience in a music ministry setting. Supervision and guidance will be provided by the local minister of music and a faculty member. Five-ten hours per week in the church setting are required, along with a weekly class meeting.

## **PIANO AND VOICE (PIA and VOI)**

### **PIA 161 Class Piano I 1 Hour**

The course is designed to equip the beginning piano student with basic keyboard skills through the study of major scales and chord progression. Keys through three flats and three sharps will be studied. Emphasis will be placed on fingering technique and basic musicianship. Additionally, elementary repertoire will be studied.

### **PIA 162 Class Piano II 1 Hour**

This course is a continuation of PIA 161. Minor scales, chord progressions, and harmonization of simple melodies using I, IV, and V7 chords will be addressed as well as continued emphasis on elementary solo repertoire. Prerequisite: PIA 161.

### **PIA 261 Class Piano III 1 Hour**

This course is a continuation of PIA 162. Transposition of simple harmonized melodies to adjacent key will be studied. Intermediate solo repertoire will be studied as well as elementary level sight reading. Prerequisite: PIA 162.

### **PIA 262 Class Piano IV 1 Hour**

This course is a continuation of PIA 261. Students will study the basics of improvisation leading to developing the ability to improvise a two-part original composition. There also will be a continued emphasis on the development of sight reading skills. Prerequisite: PIA 261.

### **VOI 161 Class Voice I 1 Hour**

Class instruction in singing with emphasis on basic techniques. Intended for elective students. Students wishing to enroll in VOI 101 or VOI 301 must first successfully complete VOI 101 and VOI 162.

### **VOI 162 Class Voice II 1 Hour**

Class instruction in singing with continued emphasis on basic techniques and application to vocal literature. Prerequisite: VOI 161.

### **VOI 261 Class Voice for Instrumentalists 1 Hour**

Course of study designed to familiarize the instrumental music education major with basic singing and pedagogical techniques and their application to choral literature through the singing experience.

## **APPLIED MUSIC**

One semester hour entitles the student to one fifty minute lesson per week. 1-3 hours credit each semester. Elective or Secondary study may be offered in a small class setting weekly for fifty minutes for 1 hour credit (in lieu of private instruction). A one-hour weekly class meeting may be required for each studio in a student's applied major concentration for which he/she is enrolled. No more than four such weekly class meetings may be required for minor applied and elective students. One hour of practice

per day per credit hour is the required minimum amount of time that must be devoted to applied music preparation. Applied music instructor may require Practice Reports.

Applied music course numbers are as follows:

|            |            |
|------------|------------|
| Elective:  | 101 or 301 |
| Secondary: | 111 or 311 |
| Primary:   | 121 or 321 |

The 100-level numbered courses will be repeated three times for the first two years and the 300-level courses repeated twice or three times for the last two years. Hours of credit may vary from 1 to 3 and will be recorded in the office of the Registrar.

All primary concentration applied music students (except for first semester freshmen) must perform one Student Recital Hour at least once every semester the student is enrolled in applied music for two or three hours credit.

Instrument designation will be as follows:

|                    |     |
|--------------------|-----|
| Piano              | PIA |
| Organ              | ORG |
| Voice              | VOI |
| Flute              | FLU |
| Clarinet           | CLA |
| Saxophone          | SAX |
| Oboe               | OBO |
| Bassoon            | BAS |
| Trumpet            | TRU |
| Trombone           | TRO |
| French Horn        | HRN |
| Baritone/Euphonium | BAR |
| Tuba               | TUB |
| Percussion         | PER |
| Guitar             | GTR |

### **PHILOSOPHY (PHI)**

**PHI 101 Introduction to Philosophy** **3 Hours**

Introduction to typical methods and problems of philosophical thought, with selected readings from classical and contemporary philosophers.

**PHI 103 Ethics** **3 Hours**

Study of the nature and grounds of moral obligation and value from various ethical standards, with selected readings from representative moral philosophers.

**PHI 105 Logic** **3 Hours**

Introduction to the principles of sound reasoning with emphasis on the detection of fallacies, and including the principles of deduction and induction.

**PHI 315 Existentialism** **3 Hours**

A study of major existentialism themes and thinkers of the nineteenth and twentieth centuries, such as Kierkegaard, Nietzsche, Heidegger, Jaspers, Marcel, Sartre and Buber. Prerequisite: one course in philosophy.

### **PHYSICS (PHY)**

**PHY 111 Astronomy** **4 Hours**

A study of the structure and organization of the universe, including a consideration of the motions of its components, stellar evolution and the instrumentation used by astronomers. Some labs will meet at night. Three hours lecture, 3 hours laboratory. Prerequisite: MTH 101 or higher.

**PHY 121 Meteorology** **4 Hours**

An introduction to the study of the atmosphere, weather and climate. Environmental concerns such as acid rain, climatic effects of carbon dioxide level, stratospheric ozone shield, will be discussed. Lecture 3 hours, laboratory 3 hours. Prerequisite: MTH 101 or higher.

**PHY 201 Classical Mechanics** **4 Hours**

A study of the principles of mechanics, heat and sound. Three hours lecture, three hours lab, one hour recitation per week. Prerequisite: MTH 111.

**PHY 203 Electricity, Magnetism, and Modern Physics** **4 Hours**

The study of light, electricity, magnetism, and nuclear physics. Prerequisite: PHY 201. Three hours lecture, three hours lab, one hour recitation per week.

**PHY 221 Classical Mechanics** **4 Hours**

A study of the principles of mechanics, heat and sound. Three hours lecture, three hours lab, one hour recitation per week. Prerequisite: MTH 204.

**PHY 223 Electricity, Magnetism, and Modern Physics** **4 Hours**

Study of light, electricity, magnetism, and nuclear physics. Three hours lecture, three hours laboratory per week. Prerequisite: PHY 221.

**PHY 231 Modern Physics** **4 Hours**

An introduction to the study of atomic and nuclear structure and phenomena. Special relativity will be considered. Lecture 3 hours, laboratory 3 hours per week. Prerequisite: PHY 223.

**PHY 260 The Physics of Music** **4 Hours**

A physics course in which the principles of mechanics and wave motion are used to study the production of musical sounds and instruments which produce them. Prerequisite: MTH 101 or MTH 102. Three hours lecture, 3 hours laboratory. Primarily for music majors. On demand.

**PHY 290 Topics in Physics** **2 Hours**

Special projects in physics, permitting a student or small group of students to pursue a topic not covered in formal course settings, or to investigate in more depth a topic

covered in a previous course. Approval by the supervising faculty member must be obtained before registering for the course.

### **PHYSICAL EDUCATION (PE)**

*Candidates for all bachelor's degrees must earn credit for two activity courses. No student will be excused from physical education without the approval of the Dean based on a certificate of a physician definitely stating why the student should be exempt. Students at least forty years old may substitute other courses for required PE activity courses.*

*Veterans of at least six months military service will be given one hour of credit with a grade of "C" for each two months of service up to a maximum of two hours credit toward any degree.*

*A maximum of four one-hour physical education activity courses may count toward graduation with any degree.*

**PE 101 Basketball** **1 Hour**

A team activity designed to teach skills, techniques, and fundamentals necessary to enjoy recreational or competitive basketball.

**PE 103 Badminton** **1 Hour**

An activity designed to provide the beginning badminton player with an organized description of how best to perform and enjoy the game of badminton.

**PE 104 Softball** **1 Hour**

A team activity designed to teach fundamentals necessary to enjoy recreational softball.

**PE 105 Beginning Tennis** **1 Hour**

An activity designed for teaching basic fundamentals for recreational enjoyment of tennis.

**PE 106 Volleyball** **1 Hour**

This activity course is offered to provide the student basic fundamentals necessary to enjoy recreational volleyball.

**PE 107 Archery** **1 Hour**

An activity course designed to provide the student proper knowledge and skills necessary to enjoy recreational archery.

**PE 108 Weight Training** **1 Hour**

An activity course offered to provide the student strength and endurance only.

**PE 111 Soccer Fundamentals** **1 Hour**

An activity designed to teach the basic principles of soccer.

**PE 112 Beginning Golf** **1 Hour**

An activity designed to teach the basic principles of golf.

**PE 113 Intermediate Tennis** **1 Hour**

An activity course designed to give those students who already command the basic skills of tennis the opportunity to learn more about the playing skills and strategy in the game of tennis. Prerequisite: Permission from the instructor. Spring.

**PE 114 Basic Canoeing** **1 Hour**

An activity course designed to give the student basic skills and knowledge concerning canoeing. The main objective is to equip the student to participate in this leisure-time activity safely. Prerequisite: Successful completion of the appropriate water test. Spring.

**PE 115 Recreational Games** **1 Hour**

This course is designed to give students a well-rounded overview of certain selected physical activities. The physical activities would include table tennis and billiards. This course would offer to student less strenuous activity but it would afford the opportunity to acquaint themselves with these lifetime recreational activities.

**PE 117 Beginning Swimming** **1 Hour**

Beginning swimming strokes, skills and knowledge pertaining to safety in, on, or about the water.

**PE 118 Advanced Swimming** **1 Hour**

A course designed to improve endurance and skill level. Pre-lifesaving skills are emphasized along with basic knowledge and water safety. Prerequisite: PE 117.

**PE 125 Aerobic Dance** **1 Hour**

Provides knowledge of aerobic exercises and dance and encourages a regular exercise program of aerobic dance.

**PE 126 Outdoor Education** **1 Hour**

A course designed to teach students to enjoy the outdoors through hiking, camping, outdoor cooking, fishing, backpacking orienteering, wildlife study, and hunter safety.

**PE 170 Physical Education Activities** **2 Hours**

Designed to provide instruction in three of the following activity areas: basketball, badminton, softball, tennis, volleyball, soccer, recreational games, and aerobic dance, this course may count toward a core curriculum requirement in physical education activity courses, but not in conjunction with PE 101, 103, 104, 105, 106, 111, 115, or 125.

**PE 204 Foundations of Physical Fitness** **2 Hours**

Introduction to selected concepts and principles relative to the field of physical fitness, such as cardiovascular fitness, body composition, weight control, muscular endurance, and hypokinetic disease.

- PE 206 Foundations of PE and Fitness** **3 Hours**  
An overview of contemporary and historical perspectives of health, physical education, and fitness. Emphasis is on providing discussion on career options and professional opportunities as well as a survey and study of the historical and philosophical view of physical education, and legal issues surrounding sport.
- PE 207 Sports Officiating** **3 Hours**  
Techniques, rules, and roles of officiating sports.
- PE 208 Team Sports** **3 Hours**  
Acquaints the student with the basic methods of coaching team sports. Special consideration is given to training procedures, rules, philosophy, sport psychology, and sport pedagogy.
- PE 209 Individual/Dual Sports** **3 Hours**  
Acquaints the student with skill development, theory and coaching skills for a variety of individual and dual sports.
- PE 309 Prevention and Care of Exercise Related Injuries** **3 Hours**  
Designed to provide sport and fitness studies majors with the basic knowledge, skills, and abilities necessary for the prevention, treatment, and rehabilitation of injuries related to physical activity. Prerequisite: PE 206 or permission of instructor.
- PE 310 Fitness Research and Testing** **3 Hours**  
A survey, evaluation, and application of health-related fitness and physical education tests. Administration and critique of appropriate measures of content and skill performance, and software for administrative and instructional programs are included. Prerequisite: PE 206.
- PE 315 Wellness and Healthy Lifestyles** **3 Hours**  
Developing healthy lifestyles through health appraisal, fitness evaluation and individualized exercise prescriptions. Prerequisite: PE 206.
- PE 325 Sport and Fitness Management** **3 Hours**  
Theories and practices related to the management of sport and exercise programs in community and corporate settings. Prerequisite: PE 315.
- PE 410 Techniques of Coaching** **3 Hours**  
Philosophies of coaching, leadership, teaching techniques, team organization, sports strategies, preparation for events, and prevention and care of athletic injuries. Prerequisite: PE 206.
- PE 420 Kinesiology** **3 Hours**

The methods and procedures for analyzing human motion and the fundamentals of mechanical principles as they apply to motor skills. Prerequisites: BIO 203.

**PE 425 Exercise Physiology** **3 Hours**

Scientific principles and influences of the physiology of exercise, including research and testing techniques related to work physiology. Prerequisites: BIO 202 and 203.

**PE 427 Motor Learning** **3 Hours**

Current theories and principles explaining motor behavior and the psychological factors related to and affecting motor skill acquisition and performance. Topics include learning theories, information processing, motor control, state of the learner, nature of skills, and instructional considerations. Prerequisite: PE 206.

**PE 435 Personal Training** **3 Hours**

The physical aspects of training are discussed in detail. In addition, business and tax planning legal issues, methods for developing and maintaining a strong client base, and other related topics are discussed. Prerequisite: PE 315.

**PE 450 Internship** **3 Hours**

A supervised work experience designed to provide students practical learning experiences in fitness and wellness settings or in a coaching experience.

**PHYSICAL SCIENCE (PHY SCI)**

**PHY SCI 101 Introduction to the Physical Sciences** **4 Hours**

A survey, by lecture/discussion, of topics in Chemistry and Physics. Three hours lecture, two hours lab per week. May NOT be taken for credit as a Major requirement for a degree in Biology.

**POLITICAL SCIENCE (POL)**

**POL 210 American Government** **3Hours**

The introductory course in Political Science, which examines the political process of the United States and Georgia state government. Emphasis is placed on developing an understanding of the role of the Constitution, political culture, informal groups and formal institutions that affect the content of policy. This course satisfies state requirements concerning the United States and Georgia Constitutions. (Offered Fall and Spring semesters)

**POL 231 International Politics** **3 Hours**

A survey course examining the pattern of state interaction, including the level of analysis dilemma, the creation of foreign policy based on national interests as well as global issues which impact international cooperation and conflict. (Offered Spring semester – even years)

**POL 290 The Political Novel** **3 Hours**

An exploration of political ideas as presented by American and non-American authors through literature. Emphasis is placed on viewing events and actions in a political-cultural context. Recommended: ENG 101 and 102. (Offered Spring, odd years)

**POL/PSY/SOC/HIS 304 Statistics for the Social & Behavioral Sciences 3 Hours**

Material covered includes frequency distributions and graphs., descriptive measures, probability, probability distributions and introductions to correlation coefficients and simple regression, chi-square, t-tests, and analysis variance. Does not require knowledge of calculus. Prerequisite: POL 210 and MAT 101 or MTH 102 and 104. (Offered Fall and Spring semester)

**POL 310 The American Presidency 3 Hours**

A comprehensive examination of the historical development and constitutional basis of the U.S. Presidency, its interaction with other branches of government and informal groups as wells as presidential leadership in policy making. Prerequisite: POL 210. (Offered Spring semester, even years)

**POL 311 The American Congress 3 Hours**

A comprehensive examination of the legislative process, organization and functions of the U.S. Congress, with emphasis on recruitment and composition, styles of representation, leadership, the role of interest groups, and relationship with the other branches of the American government. Prerequisite: POL 210. (Offered Fall semester, odd years)

**POL 312 State and Local Government 3 Hours**

Survey of the organization and functions of state and local government in the U.S., including topics such as intergovernmental relations, administrations, adjudication, and the organization and role of political parties. Prerequisite: POL 210. (Offered Fall semester, odd years)

**POL 325 Public Administration 3 Hours**

A study of the factors that shape and condition administrative institutions. Among the topics examined are formal and informal organizational theory, regulatory activities and administrative responsibility in a democratic society. Prerequisite: POL 210. (Offered Spring semester, even years)

**POL/HIS 331 American Foreign Policy 3 Hours**

The examination of the evolution of American foreign policy since 1945 emphasizing the Cold War's impact on the development of institutions and behavior in the contemporary period. Prerequisite: POL 210 or 231. (Offered Spring semester, even years)

**POL 340 Comparative Politics 3 Hours**

The study of key political, cultural and economic concepts used to differentiate Western, Marxist-Leninist and Third World national systems of governance. Prerequisite: POL 210 or 231. (Offered Spring semester, odd years)

**POL 350 Constitutional Law I: National and State Powers** **3 Hours**

A study of the organization and structure of the American political system through reference to the Constitution of the United States. Special emphasis is placed on major cases and other sources affecting the scope of state and federal powers, the concept and manifestations of federalism, the commerce clause, and fiscal powers and policy as the basis for understanding the principles, prospects and problems of American government. Prerequisite: POL 210. (Offered Fall semester)

**POL/BUS 351 Business Law** **3 Hours**

The law of business with an emphasis on contracts in personal and real property, sales, business organizations, commercial paper, employment, and insurance. (Spring semester)

**POL 360 Western Political Thought** **3 Hours**

An intensive examination of the development of Western political ideas, including the contributions of the ancient Greeks, the Church fathers, Renaissance and Reformation writers, classical liberals and those offering solutions to modern problems. Prerequisite: POL 210. (Offered Fall semester, odd years)

**POL 410 Mass Media and American Politics** **3 Hours**

A survey of the relationship between American politics and the media, focusing on the media as a business, its regulation by government and media's impact on the policy process. Prerequisite: POL 210. (Offered Spring semester, odd years)

**POL 411 The American Electoral Process** **3 Hours**

This course is an exploration of the electoral process and techniques utilized by candidates in gaining elected office. Emphasized is the evolution of American political parties as well as the roles of the media, interest groups and campaign financing to gaining state and national office. Prerequisite: POL 210. (Offered Fall semester, even years)

**POL 421 Community and Organizational Leadership** **3 Hours**

Studies of the concepts and processes of organizational leadership as related to academic, business, political, and human resource settings. Prerequisite: CHR 101,102 or COM 101, or EDU 101 or HS 201 or PE 206 or POL 210 or PSY 201 or SOC 201.

**POL 431 International Law and Organization** **3 Hours**

A survey of the peaceful means used by states to address issues of common interest, including the development and content of international law and organization, diplomatic relations, warfare, human rights and the global commons. Prerequisite: POL 210 or 231. (Offered Fall semester, odd years)

**POL 450 Constitutional Law: Civil Rights and Liberties** **3 Hours**

Reviews the development of the Bill of Rights and political and civil liberties in the American constitutional system. Highlighted are the limitations on governmental powers with emphasis on freedom of speech, press, religion, discrimination, due process and

equal protection; voting and political rights; and rights of the accused in criminal proceedings. Prerequisite: POL 210. (Offered Spring semester, odd or even years)

**POL 460 American Political Thought** **3 Hours**

This course examines American Political ideas from the first English settlements to the present period with emphasis placed on their influence in specific historic periods. Prerequisite: POL 210. (Offered Fall semester, even years)

**POL 470 Internship** **1-6 Hours**

Supervised practical experience designed to give the student the opportunity to apply theoretical knowledge to the actual functioning of the government and/or political process. Prerequisite: Sophomore standing and completion of nine hours in Political Science. (Offered on demand)

**POL 480 Topics in Political Science** **3 Hours**

A study of selected issues determined by student demand. Prerequisite: POL 210 or 231. (Offered on demand)

**POL 490 Senior Thesis** **3 Hours**

The capstone course required for all Political Science majors. Each student will prepare a formal research project designed to integrate aspects of their Political Science education into a scholarly work. Prerequisite: Instructor's approval and completion of the Political Science Assessment Examination. (Offered Spring semester)

**PSYCHOLOGY (PSY)**

**PSY 201 General Psychology** **3 Hours**

This course is a survey of the history, theories, methods, and data of psychology. Emphasis is placed on physiology, perception, learning, emotion, motivation, personality, measurement, and social behavior. Each semester.

**PSY 202 Human Growth and Development** **3 Hours**

A comprehensive coverage of the growth and development of the human organism from conception to death. Prerequisite: PSYY 201.

**PSY/EDU 302 Child Psychology** **3 Hours**

A study of the social, emotional, physical and intellectual development of the child from conception to age twelve. Prerequisite: PSY 201.

**PSY 303 Adolescent Psychology** **3 Hours**

A study of the adolescent period with special emphasis upon the social, emotional, physical and intellectual development peculiar to the adolescent. Prerequisite: PSY 201.

**PSY/POL/SOC/HIS 304 Statistics for the Social and Behavioral Sciences** **3 Hours**

Material covered includes frequency distributions and graphs, descriptive measures, probability, probability distributions, sampling distributions, and introductions to correlation, coefficients and simple regression, chi-square, t-tests, and analysis of

variance. Does not require knowledge of calculus. Prerequisites: MAT 101 or MTH 102 and 104.

**PSY 306 Learning and Cognition** **3 Hours**

Study of learning theory and cognitive science, including topics such as classical and operant conditioning and modeling; information-processing approaches to perception; language acquisition, reading semantics; concept formation and application, memory, problem solving, and creativity. Prerequisite: PSY 201.

**PSY 307 Behavioral Research and Therapy** **3 Hours**

Survey of learning principles involved in the acquisition, maintenance and extinction of behavior. Laboratory study of animal behavior is required. Prerequisite: PSY 201.

**PSY 308 Research Methods of Psychology** **3 Hours**

Designed to introduce students to the basic principles and methodologies and psychological research. Laboratory and field research and scientific reporting are required. Prerequisites: PSY 201, PSY 304.

**PSY 309 Human Sexuality** **3 Hours**

A comprehensive study of all the salient factors involved in human sexuality. Prerequisite: PSY 201 or permission of the instructor.

**PSY/EDU 357 Educational Psychology** **3 Hours**

A course for elementary and special education majors dealing with intelligence, theories of learning motivation, measurement, personality development, learning process, and individual differences. Prerequisites: EDU 101 and PSY 202 or PSY/EDU 302.

**PSY 401 Personality Theory** **3 Hours**

A study of the major theories of personality along with significant biographical commentary on the major personality theories. Prerequisite: PSY 201.

**PSY 402 Social Psychology** **3 Hours**

A study of the person in society and its effect upon individual behavior. Topics included are social perception, attitudes, communication, attraction, modeling, prosocial and antisocial behaviors. Emphasis is placed on the application of theory to the understanding of everyday life. Prerequisite: PSY 201.

**PSY 403 Abnormal Psychology** **3 Hours**

An introduction to the study of behavioral disorders, their definition, classification, symptomology, and methods of therapeutic treatment. Prerequisite: PSY 201.

**PSY 404 Counseling Psychology** **3 Hours**

A survey of selected theories, principles, and techniques of counseling. The treatment of individuals and the enhancement of personal well-being will be considered. Prerequisite: PSY 201, PSY 403, or permission of instructor.

**PSY 406 Biopsychology** **3 Hours**

A study of the biological basis of behavior and thought. After an examination of the human nervous system and how neurons communicate, this course examines the effects of various psychoactive drugs on the nervous system, and the biological basis for anxiety, neurosis, schizophrenia, depression, pleasure and pain, drug addiction, sexuality, stress responses, temperature regulation, thirst and hunger. Prerequisite: PSY 201 or 4 hours in biology or chemistry or permission of instructor.

**PSY 407 Sensation and Perception** **3 Hours**

Overview of the sensory systems and focused examination of theories and research in perception, with major aims being analysis and synthesis of research data and evaluation of empirical studies and of theory. Prerequisite: PSY 201.

**PSY 408 History and Systems of Psychology** **3 Hours**

A study of the philosophical foundations of psychology and the historical development of the major contemporary areas of the discipline. Prerequisite: 21 hours in psychology or permission of the instructor.

**PSY 409 Field Placement Internship** **3 Hours**

A course providing structured and supervised experience in a community-based agency. This course is designed to afford an opportunity for the student to apply principles and theories in the workplace. Prerequisite: 24 hours in psychology or permission of instructor.

**PSY/SOC 423 Consumer Behavior** **3 Hours**

A study of the motives, attitudes, and expectations of consumers, as well as business persons, in the marketing process. Prerequisite: BUS 321.

**PSY/BUS/SOC 431 Organizational Behavior** **3 Hours**

Introduction to the determinants and consequences of human behavior and task performance in an organizational setting. Topics include motivation, leadership, job design and satisfaction, communication, and group dynamics. Prerequisite: PSY 201 or SOC 201.

**PSY 480 Topics in Psychology** **1-3 Hours**

A study of selected topics in psychology. Prerequisite: PSY 201 and instructor's permission.

**RUSSIAN (RUS)**

**RUS 101 Elementary Russian** **3 Hours**

This course is an introduction to the Russian language including basic listening, speaking, reading and writing skills, along with a presentation of the Cyrillic alphabet. There is also a general introduction to the Russian culture.

**RUS 102 Elementary Russian** **3 Hours**

This course is a continuation of Russian 101 building upon the fundamental skills acquired in the first semester. Prerequisite: Russian 101 or equivalent.

**RUS 201 Intermediate Russian** **3 Hours**

Continued development of basic skills emphasizing speaking and reading literary texts and other academic texts as well as newspapers, magazines, and journals. Prerequisite: Russian 102

**RUS 202 Intermediate Russian** **3 Hours**

This course continues to emphasize a developed knowledge of the Russian language and its use in world culture. Prerequisite: Russian 201

**SOCIOLOGY (SOC)**

**SOC 201 Introductory Sociology** **3 Hours**

A survey of the science of sociology to include the fundamentals related to the individual and his/her relationship to group living. The nature of culture, custom, belief, institution, etc. and its role in the development of society; to include emphasis on social institutions, social classes, collective behavior, and social movements. Fall and Spring.

**SOC 202 Social Problems** **3 Hours**

A study of both the general and special problems considered in the social and cultural setting in which they occur. The emphasis is on people and their behavior. Prerequisite: SOC 201.

**SOC 203 Marriage and the Family** **3 Hours**

The American family as a social institution; a comparison of the American family to include the family as a social institution in other cultures and societies; includes the family life cycle, courtship and marriage patterns and problems. Prerequisite: SOC 201. On Demand.

**SOC/BUS 300 Business and Society** **3 Hours**

A study of the ever-changing relationships between business and the rest of society and the implications for business of such current issues as quality of work life, protection of the environment, and corporate social responsibility. Prerequisites: PSY 201, SOC 201, BUS 100, BUS 221, or BUS 222.

**SOC/POL/PSY/HIS 304 Statistics for the Social and Behavior Sciences** **3 Hours**

Material covered includes frequency distributions and graphs, descriptive measures, probability, probability distributions, sampling distributions, and introductions to correlation, coefficients and simple regression, chi-square, t-tests, and analysis of variance. Does not require knowledge of calculus. Prerequisites: MAT 101 or MTH 102 and 104.

**SOC 305 Race and Ethnic Relations** **3 Hours**

An examination of relationships between and within racial and ethnic groups: analysis of social causes of prejudice and discrimination. Prerequisite: SOC 201.

**SOC 308 Research Methods in Sociology** **3 Hours**

Introduction to basic research methods used in sociology including compilation of statistical data, research design, the research process, quantitative and qualitative methodology used in social research, the evaluation of evidence and the analysis of data. Prerequisites: SOC 201, SOC 304.

**SOC 310 Population Problems** **3 Hours**

World population trends, methods and analysis and determinants; and consequences of variations in fertility, mortality, and migration. Prerequisite: SOC 201.

**SOC 320 Sociological Theory** **3 Hours**

Sociological theory from Comte to Parsons with special emphasis on major contributions to contemporary sociology. Prerequisite: SOC 201.

**SOC/BUS 333 Human Resources Management** **3 Hours**

A course concerned with the techniques and procedures for acquiring, maintaining, and developing an organization's human resources.

**SOC/BUS 337 Social and Industrial Relations** **3 Hours**

Study of the application of social psychological theories, methods, and research findings to business and industry. Prerequisite: PSY 201 or SOC 201.

**SOC 350 Gender Roles** **3 Hours**

A study of the changing roles of men and women in contemporary American society in a socio-historical perspective. A sociological analysis of the definition, development, and change in the gender roles within various social institutions. Prerequisite: SOC 201.

**SOC 400 Social Stratification** **3 Hours**

The nature of class structure, patterns of status prestige relations, differential class behavior, analysis of comparative social structure and social mobility. Class, status, and power relations in society. Caste, estate, social class, and social mobility. Prerequisite: SOC 201.

**SOC/HIS 405 Asian Civilizations** **3 Hours**

A study of the history and culture of Asia from ancient times to the present. An interdisciplinary study of the major nations with emphasis on China and India and their impact on the rest of the region and the modern world. Prerequisites: one of the following: SOC 201, HIS 151 or 152.

**SOC 406 Cultural Anthropology** **3 Hours**

A study of culture, language, and personality in contemporary and primitive societies and their interactions which influence political, religious, and economic organizations. Prerequisite: SOC 201.

**SOC 409 Sociology Practicum Internship** **3 Hours**

A course providing structured and supervised experience in a community-based agency. This course is designed to afford an opportunity for the student to apply principles and theories in the workplace. Prerequisite: 24 hours in Sociology or permission of the instructor.

**SOC 410 Social Change and Social Conflict** **3 Hours**

Analysis of the causes, processes, and consequences of social change. Examination and analysis of theories of social change. Change developing within the social structure of the institution of society including the government and the family. Prerequisite: SOC 201.

**SOC 412 Criminology** **3 Hours**

The study of the nature, extent, and factors related to criminal behavior. Focus will be on the criminal justice system; the police, the judiciary and corrections (probation, imprisonment, parole and work release). Prerequisite: SOC 201.

**SOC 415 Social Work** **3 Hours**

A study designed to provide students with an understanding of social welfare as an institution and social work as a profession. Includes the methods and practice of social work and social casework in areas such as child welfare, family service and counseling, probation and corrections. Prerequisite: SOC 201.

**SOC 419 Fields of Child Welfare** **3 Hours**

This course is designed to introduce the student to the various fields of child welfare such as family income maintenance programs, child protective service, foster care, adoption, institutional care of children, services to children in their own home, children and the courts, guardianship and special services to children. Prerequisite: SOC 201.

**SOC 420 Sociology of Education** **3 Hours**

A comprehensive study of the educational institution, its relationship to the community and society. Prerequisite: SOC 201.

**SOC 421 Juvenile Delinquency** **3 Hours**

A study of causes and nature of juvenile delinquency, the development of juvenile courts, probation and other rehabilitative programs. Prerequisite: SOC 201.

**SOC/BUS 422 Sociology of Work** **3 Hours**

Study of work in industrial society, impact of industrial organizations, technology and work ethics on occupational structure, commitments to work, and feelings of self-worth. Prerequisite: PSY 201 or SOC 201.

**SOC/PSY 423 Consumer Behavior** **3 Hours**

A study of the motives, attitudes, and expectations of consumers, as well as business persons in the marketing process. Prerequisite: BUS 321.

**SOC/BUS/PSY 431 Organizational Behavior** **3 Hours**

Introduction to the determinants and consequences of human behavior and task performance in an organizational setting. Topics include motivation, leadership, job design and satisfaction, communication, and group dynamics. Prerequisite: PSY 201 or SOC 201.

**SOC/BUS 436 Sociology of Occupations and Professions** **3 Hours**

Study of occupations and professions in an industrial society in relationship to status, power, and wealth. Focus will be on the impact of social institutions, technology, and social change on occupational structure and self-identity. Prerequisite: PSY 201 or SOC 201.

**SOC 440 Sociology of Religion** **3 Hours**

A theoretical approach to the institution of religion with an emphasis on the functions and social organization of religion. Examines the importance of religious beliefs and institutions in shaping social institutions in America and explores contemporary trends among religious groups. Prerequisite: SOC 201.

**SOC 450 Senior Seminar in Sociology** **3 Hours**

A program of semi-independent study including reading, writing and discussions on sociologically relevant topics of interest to the student. Prerequisite: SOC 201, 202.

**SOC 480 Topics in Sociology** **1-3 Hours**

A study of selected topics in sociology. The topic and the number of hours will vary. Prerequisite: SOC 201.

**SPANISH**

**SPA 101 Elementary Spanish I** **3 Hours**

Introduction to the basic elements of the Spanish language, including reading, speaking and writing, and an introduction to Hispanic culture.

**SPA 102 Elementary Spanish II** **3 Hours**

Review and continuation of the principles taught in Spanish 101. Prerequisite: Spanish 101 or two units of high school Spanish or permission of the instructor.

**SPA 201 Intermediate Spanish I** **3 Hours**

Reinforcement of the concepts studied in Elementary Spanish. Emphasis is placed on amplification and enhancement of the skills necessary for conversation and composition. Prerequisite: SPA 102 or permission of the instructor.

**SPA 202 Intermediate Spanish II** **3 Hours**

Application of the skills developed in Spanish 201. Emphasis is placed upon increasing the ability to read, write, understand and speak the language. Prerequisite: SPA 201 or permission of the instructor.

**SPA 110 Spanish for the Professions: Education** **1 Hour**

Practical communication skills in the field of education.

**SPA 111 Spanish for the Professions: Business** **1 Hour**

Practical communication skills in the field of business.

**SPA 112 Spanish for the Professions: Health Care** **1 Hour**

Practical communication skills for health care professionals.

**SPA/ENG 215 Hispanic Literature** **3 Hours**

A survey of Hispanic Literature from its beginnings to modern times. The course is offered in a dual-language format that is designed to enhance vocabulary and increase awareness of literary, idiomatic and descriptive powers of the language. It is also a course for non-Spanish speakers who wish to know something of the rich Hispanic literary heritage. Prerequisite: SPA 101 or permission of the instructor.

**SPA 260 Spanish for Missions and the Ministry** **1 Hour**

Communication skills for the ministry and missions work. Study will include basic vocabulary and structure needed for sharing testimony. Topics will include Biblical terminology, personal and place names, concepts of salvation, specialized expressions, and cultural awareness. Health, abuse, and legal issues may be treated as needed. May be taken as one of the three seminar hours required by CHR 260.

**SPA 289 Topics in Spanish I** **3 Hours**

Special topics in Spanish.

**SPA 301 Composition and Conversation** **3 Hours**

A course designed to develop the skills of elementary and intermediate Spanish in the course of practical exercises. These include writing brief essays, holding discussions and debates, dramatic presentations and practical interactions in Hispanic culture. Prerequisite: SPA 201 or permission of the instructor.

**SPA 325 Introductory Professional Translation** **3 Hours**

Introductory systematic study of the practice of preparing and presenting translations of a variety of materials from English to Spanish and from Spanish to English. Attention will be given to authentic cultural expression, including but not limited to newspapers, magazines, and journals. Prerequisite: SPA 202 or permission of the instructor.

**SPA 350 Special Cultural Topics** **3 Hours**

Advanced readings of the development of modern Spain as manifest in its social, historical, political, geographic, and popular culture. Prerequisite: SPA 202 or permission of the instructor.

**SPA 351 Latin American Cultural** **3 Hours**

Advanced readings of the development of modern Latin America as manifest in its social, historical, political, geographic, and popular culture. Prerequisite: SPA 202 or permission of the instructor.

**SPA 389 Topics in Spanish II** **3 Hours**  
Special topics in Spanish.

**SPA 301 Composition and Conversation** **3 Hours**  
A course designed to develop the skills of elementary and intermediate Spanish in the course of practical exercises. These include writing brief essays, holding discussion and debates, dramatic presentations and practical interactions in Hispanic culture.  
Prerequisite: SPA 201 or permission of the instructor.

**SPA 325 Introductory Professional Translation** **3 Hours**  
Introductory systematic study of the practice of preparing and presenting translations of a variety of materials from English to Spanish and from Spanish to English. Attention will be given to authentic cultural expression, including but not limited to newspapers, magazines, and journals. Prerequisite: SPA 202 or permission of the instructor.

**SPA 350 Special Cultural Topics** **3 Hours**  
Advanced readings of the development of modern Spain as manifest in its social, historical, political, geographic, and popular culture. Prerequisite: SPA 202 or permission of the instructor.

**SPA 351 Latin American Cultural** **3 Hours**  
Advanced readings of the development of modern Latin America as manifest in its social, historical, political, geographic, and popular culture. Prerequisite: SPA 202 or permission of the instructor.

**SPA 389 Topics in Spanish II** **3 Hours**  
Special topics in Spanish.

**SPA 401 Advanced Composition** **3 Hours**  
An intensive writing course in which the student will develop advanced skills in expression in written Spanish. Attention will be given to achieving a polished, refined manner of expression appropriate to application in a variety of professions. Students must demonstrate competence in morphology and syntax. Prerequisite: SPA 301 or permission of instructor.

**SPA 410 Advanced Literary Readings** **3 Hours**  
Advanced readings of original texts. The readings are drawn from all periods of Spanish heritage from medieval to modern. Prerequisite: Advanced standing or permission of instructor.

**SPA 415 Contemporary Hispanic Literature** **3 Hours**  
A study of Hispanic literary works from the mid-twentieth century to the present. Emphasis will be on the relevance of literary trends to the developing societies which produce them. Literary works must be read, discussed, and analyzed in written Spanish

clearly and with grammatical accuracy. Prerequisite: SPA 215 or permission of instructor.

**SPA 425 Advanced Professional Translation**

**3 Hours**

Advanced systematic study of the practice of preparing and presenting translations of a variety of materials from English to Spanish and from Spanish to English. Prerequisite: SPA 325 or permission of instructor.

**SPA 435 Senior Seminar**

**3 Hours**

Senior seminar for Spanish or Spanish Education majors only. Students will demonstrate competency in reading, writing, listening, and speaking the language through course work, oral testing, and preparation of a finished thesis. Course work, oral testing, and the thesis will also demonstrate competency in a specific area from among those covered generally in earlier courses: phonology, morphology, syntax, geography, history, social structure, literature, or other artistic contributions or cultural patterns.

**SPA 489 Topics in Spanish III**

**3 Hours**

Special topics in Spanish.