

Course Descriptions

Course Fee amounts may be found under Financial Information - Undergraduates or Financial Information - Graduate Students

All Undergraduate courses display first followed by the Graduate courses.

See the "Type" drop down for types ending with "- Graduate".

[Indication of 'typical term course offered' is a general guideline for informational purposes only and is subject to change.]

Accounting

ACA 201 - Financial Accounting (3)

An introduction to the basic structure and language of accounting used in organizations. Emphasis is placed on preparing and understanding financial documents for sole proprietorships and corporations under US GAAP with some exposure to IFRS. Internal controls and ethical challenges in relation to financial management and reporting will also be explored.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ACA 202 - Managerial Accounting (3)

This course utilizes the language and preparatory skills learned in Financial Accounting to analyze the information for decision making as investors, managers, employees and creditors. The concept of "cost" will be explored extensively in understanding how it is accounted for in manufacturing environments as well as the role that it plays in pricing and analysis.

Prerequisite(s): ACC 201/ACA 201

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ACC 201 - Financial Accounting (3)

An introduction to the basic structure and language of accounting used in organizations. Emphasis is placed on preparing and understanding financial documents for sole proprietorships and corporations under US GAAP with some exposure to IFRS. Internal controls and ethical challenges in relation to financial management and reporting will also be explored.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ACC 202 - Managerial Accounting (3)

This course utilizes the language and preparatory skills learned in Financial Accounting to analyze the information for decision making as investors, managers, employees, and creditors. The concept of "cost" will be explored extensively in understanding how it is accounted for in manufacturing environments as well as the role that it plays in pricing and analysis.

Prerequisite(s): ACC 201/ACA 201

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ACC 301 - Intermediate Accounting I (3)

Intermediate accounting is a two course sequence. These courses reinforce the what and how of financial accounting gained at the principles level while exploring the why of how US GAAP works and its similarities and differences with IFRS. Students will deepen their understanding of financial accounting through an in-depth study of the conceptual framework and accounting standards, each financial statement, cash, receivables, inventory, PP&E, intangibles, current and long-term liabilities (especially bonds), stockholders' equity, investments, revenue recognition, leases, accounting for taxes, accounting changes and errors, and full disclosure. Emphasis is also placed on ethics in accounting and professional development. Current professional pronouncements and literature are considered.

Prerequisite(s): ACC 202, Students may be considered for ACC 301 after completion of ACC 201 pending professor approval.

Grading Method: Letter Grade

Term Typically Offered: Fall

ACC 302 - Intermediate Accounting II (3)

Intermediate accounting is a two course sequence. These courses reinforce the what and how of financial accounting gained at the principles level while exploring the why of how US GAAP works and its similarities and differences with IFRS. Students will deepen their understanding of financial accounting through an in-depth study of the conceptual framework and accounting standards, each financial statement, cash, receivables, inventory, PP&E, intangibles, current and long-term liabilities (especially bonds), stockholders' equity, investments, revenue recognition, leases, accounting for taxes, accounting changes and errors, and full disclosure. Emphasis is also placed on ethics in accounting and professional development. Current professional pronouncements and literature are considered.

Prerequisite(s): ACC 301

Grading Method: Letter Grade

Term Typically Offered: Spring

ACC 305 - Cost Accounting (3)

An in-depth examination of the role accounting plays in managerial decision making. Students learn to use financial management tools including budget preparation and variance analysis, break-even and target profit analysis, incremental analysis for decision making, and inventory management. Students also examine the concept of cost by applying various costing methods, allocating costs among products and departments, and considering cost as a component of pricing.

Prerequisite(s): ACC 202

Grading Method: Letter Grade

Term Typically Offered: Spring

ACC 307 - Principles of Federal Income Taxation (3)

An introduction to the U.S. federal tax system. Topics include an introduction to tax research, the tax effect of property transactions, basic individual income taxation and introduction to the taxation of C corporations, S corporations, and partnerships.

Prerequisite(s): ACC 201

Grading Method: Letter Grade

Term Typically Offered: Fall

ACC 361 - Management Information Systems (3)

A managerial perspective on the role of information technology and management information systems and its use for a competitive advantage in organizations. Topics include using data toward knowledge, business intelligence and decision support systems, common system applications, business process reengineering, efficiency and effectiveness, relational databases and reporting, networks, MIS infrastructure, eBusiness, security and ethics. Students complete Access certification and training in Access, QuickBooks and Excel.

Prerequisite(s): ACC 201, BU 211, BU 261

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ACC 391 - Independent Study (1-3)

Independent study projects with required written reports approved and directed by a member of the accounting faculty.

Prerequisite(s): Consent of instructor required

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

ACC 393 - Seminar (1-3)

Study of various issues that are relevant to the current accounting industry environment. Topics to be determined.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

ACC 401 - Advanced Accounting (3)

The final course in the financial accounting course sequence; it is especially beneficial for anyone interested in private or public accounting as well as gaining a deeper understanding of financial accounting under U.S. GAAP with an understanding of the similarities and differences with IFRS. Reinforce an understanding of the financial statements of a corporation through an in-depth understanding of business combinations and consolidation, as well as a review of accounting for equity investments. Examine accounting for partnerships from formation to liquidation and international accounting, including foreign currency translation and hedging. Perform a comparison of US GAAP versus IFRS financial statements.

Prerequisite(s): ACC 302

Grading Method: Letter Grade

Term Typically Offered: Fall

ACC 402 - Basic Auditing (3)

This course is viewed as a capstone experience for accounting majors and should be completed in a student's final spring semester. Examine and apply auditing standards, management assertions, risk, internal controls, auditing procedures, sample testing, computerized audit testing, reporting, fraud detection, and ethical professional conduct. Students explore auditing theory and practice through an applied experience in the business cycles of cash, revenue and collection, acquisition and expenditure, and production

Prerequisite(s): ACC 302 or permission of professor.

Grading Method: Letter Grade
Term Typically Offered: Spring

ACC 409 - Governmental and Nonprofit Accounting (3)

Understand and discuss accounting for state and local governments and various tax-exempt organizations. Topics include: governmental accounting, the implications of tax-exemption, understanding the Form 990 and unrelated business income tax, proper accounting for items unique to nonprofit organizations, and accounting and tax situations unique to ministers, missionaries, and faith-based organizations. Students will also consider the concept of stewardship and its implications to governmental and nonprofit entities.

Prerequisite(s): ACC 201

Grading Method: Letter Grade

Term Typically Offered: Fall

ACC 435 - Internship (0.5-6)

Students work with cooperating firms to secure a job for on-the-job training in accounting. Students maintain a journal of the work experience, complete a final paper applying theory to practice, and complete an exit interview with the professor. Employers must provide a description of the job responsibilities and agree to the minimum hours requirement as well as completing an evaluation of the student at the end of the internship period.

Prerequisite(s): Completion of the 200-level major core courses and one 300 or higher accounting course. Consent of the professor must be secured.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Adventure Education & Leadership

AEL 100 - Experiential Education: Theory & Foundation (2)

Study of theoretical principles and philosophical structures of the field of experiential education. Includes historical backgrounds and pedagogy of experiential education along with an introduction to theories of the related fields of place-based, outdoor, and adventure education.

Prerequisite(s): None

Corequisite(s): AEL 110

Grading Method: Letter Grade

Term Typically Offered: Spring

AEL 110 - Experiential Facilitation Techniques (1)

This course will give practical experience to go with the theory in AEL 100. Initial application techniques and metaphoric structures used in adventure settings are taught, students will get opportunities to test and implement theoretical understandings.

Prerequisite(s): None

Corequisite(s): AEL 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

AEL 150 - Minimum Impact Outdoor Skills (2)

Emphasizes the skills and attitudes necessary for successfully living in and enjoying the outdoors in all seasons with a focus on minimum impact practices. Skills addressed include basic survival techniques, outdoor equipment selection, staying warm and dry, shelter and campsite selection, map reading and navigation methods, wilderness travel and basic trip planning.

Prerequisite(s): None

Corequisite(s): AEL 151

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

AEL 151 - Leave No Trace Instructor Certification (1)

Co-offered with AEL 150, this course focuses on lesson planning and delivery and provides the certification aspect of the curriculum.

Prerequisite(s): None

Corequisite(s): AEL 150

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

AEL 200 - Wilderness First Responder (WFR) (3)

F.I.E.L.D. Semester course. Certification course taught by qualified outside instructors from the nationally recognized organization Wilderness Medical Associates. WFR is taught as an 8-day intensive early in the F.I.E.L.D. Semester. Students receive a 3-year certification.

Prerequisite(s): AEL 100, AEL 110

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

AEL 220 - Adventure Skills I (2)

F.I.E.L.D. Semester course. Field course focused on land-based outdoor pursuits. Gives technical knowledge necessary for the practice, facilitation, and risk-management of backpacking, rock climbing, and caving.

Prerequisite(s): AEL100, AEL110, PE 152

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

AEL 221 - Adventure Skills II (2)

F.I.E.L.D. Semester course. Field course focused on water-based outdoor pursuits. Gives technical knowledge needed for practice, facilitation, and risk management in flat water and moving water canoeing. Also introduces students to white-water rafting.

Prerequisite(s): AEL 100, AEL 110, PE 152

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

AEL 305 - Teaching in the Outdoors (2)

F.I.E.L.D. Semester course. Applied outdoor instructional techniques, including philosophy and theory from intro courses in lesson planning and delivery. Specific focus on preparation, design and presentation of interpretive recreational programs and outdoor ministry. Outdoor instructors and leaders will develop a capacity to incorporate multiple theoretical contexts and techniques to appropriately fit a client group or design outcome into their programs.

Prerequisite(s): AEL 100, AEL 110, PE 152

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

AEL 350 - Outdoor Program Design (3)

F.I.E.L.D. Semester course. Ultimately students are learning to lead. Outdoor and Adventure programs for large and small groups start with the planning and logistical phase. Students will learn processes and procedures for planning outdoor programs. Focus on risk management, adventure pedagogy, logistic management and organization, and program design with an outcomes focused approach. Transferable skills relatable to leadership roles in a variety of settings will be learned.

Prerequisite(s): AEL 100, AEL 110

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

AEL 370 - Advanced Technical Skills (2)

In depth investigation of a selected technical skill area in Adventure. Can substitute approved outside certification. May repeat to 6 total credits but requiring different certification or skill areas.

Prerequisite(s): AEL 210 and AEL 211

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

AEL 380 - Outdoor Stewardship & Environmental Literacy (2)

Upper level course in Adventure Education and Leadership program. Course is designed to explore advanced theory and application that has grown out of the field of Adventure education specific to the areas of environmental stewardship, creation care, place based education, and critical pedagogy.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

AEL 381 - Outdoor Christian Leadership (2)

Course content focuses on bringing about spiritual formation through adventure education. Content will include designing experiential and adventure activities that meet spiritual needs, transferring learning from adventure activities to spiritual growth, facilitating spiritual growth through group dynamics, as well as curriculum and program design. Will also focus on the role of the leader in the spiritual formation of others, and how one leads in a Christ-like way.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

AEL 382 - Environmental Interpretation (2)

Offers foundational knowledge of outdoor pedagogy and research methods for preparing and presenting environmental and recreation interpretation to groups. Students will gain practical experience planning and researching field-based curricula and activities, as well as teaching these in the outdoors. Includes basic environmental knowledge, as well as history, definition and principles of environmental education.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

AEL 393 - Seminar (1-3)

The study of various issues/topics in the field of adventure education. Topics will be determined and announced for each semester a seminar is offered.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

AEL 400 - Therapeutic Adventure Programs (2)

Theoretical, philosophical and historical foundations of therapeutic recreation and wilderness and adventure therapy. Understanding role of treatment, helper, and client, as well as settings and service models. Also includes topic of professional development and current issues in the field.

Prerequisite(s): AEL 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

AEL 415 - Challenge Course Operations (2)

This course is designed to give students a thorough understanding of the scope of challenge course practice. Topics to be covered include challenge course facilitation, maintenance and installation, managing programs, program design, technical skills, risk management, as well as certification and industry standards.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other spring

AEL 420 - Leadership Lab (2)

Upper class students have the opportunity to work with AUCAL staff in the planning and implementation of programming for F.I.E.L.D. Semester students or outside groups for credit. Requires acceptance. May repeat to 6 total credit hours.

Prerequisite(s): AEL 300

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

PE 152 - Basic Outdoor Skills (1)

Emphasizes the skills and attitudes necessary for successfully living in and enjoying the outdoors in all seasons with a focus on minimum impact practices. Skills addressed include basic survival techniques,

outdoor equipment selection, staying warm and dry, shelter and campsite selection, map reading and navigation methods, wilderness travel and basic trip planning.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Fee: Yes

Term Typically Offered: Spring

Air Force ROTC

AFS 111 - Aerospace Studies I (1)

A course designed to provide the student with a basic understanding of the nature and principles of war, national power, and the Department of Defense role in the organization of national security. The student also develops leadership abilities by participating in a military organization, the cadet corps, which offers a wide variety of situations demanding effective leadership.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AFS 112 - Leadership Laboratory I (1)

A course designed for development of basic skills required to be a manager, including communication, human relations, and administration of equal opportunity.

Prerequisite(s): None

Corequisite(s): AFS 111

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Off-Campus Program

AFS 113 - Aerospace Studies I (1)

A course designed to provide the student with a basic understanding of the contribution of aerospace power to the total U.S. strategic offensive and defensive military posture. The student also develops leadership abilities by participating in a military organization, the cadet corps, which offers a wide variety of situations demanding effective leadership.

Prerequisite(s): AFS 111

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AFS 114 - Leadership Laboratory I (1)

A continuation of AFS 113. A course designed to develop managerial skills including superior/subordinate relationships, communication, customs and courtesies, basic drill movements and career progression requirements.

Prerequisite(s): None

Corequisite(s): AFS 113

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Off-Campus Program

AFS 211 - Aerospace Studies II (1)

Introduces the study of air power from a historical perspective; focuses on the development of air power into a primary element of national security. Leadership experience is continued through active participation in the

cadet corps.

Prerequisite(s): AFS 111, AFS 113 or PAS approval

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AFS 212 - Leadership Laboratory II (1)

A course designed for development of advanced skills required to be a manager/leader, including leadership styles, public speaking, group dynamics, motivation and preparation for field training.

Prerequisite(s): None

Corequisite(s): AFS 211

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Off-Campus Program

AFS 213 - Aerospace Studies II (1)

Provides a foundation for understanding how air power has been employed in military and non-military operations to support national objectives. Examines the changing mission of the defense establishment, with particular emphasis on the United States Air Force. Leadership experience is continued through participation in the cadet corps.

Prerequisite(s): AFS 111, AFS 113 or PAS approval

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AFS 214 - Leadership Laboratory II (1)

A continuation of AFS 213. A course designed to develop supervisory management skills to include communication, techniques of critique, social actions, personnel evaluation procedures, problem solving, role playing and field training preparation.

Prerequisite(s): None

Corequisite(s): AFS 213

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Off-Campus Program

AFS 311 - Aerospace Studies III (1)

A study of management functions with emphasis on the individual as a manager in an Air Force environment. Individual motivational and behavioral process, communication, and group dynamics are included to provide a foundation for the development of professional skills as an Air Force Officer. Students refine their leadership and managerial abilities by organizing and managing a quasi-military unit. Satisfies Foundations PED 100 requirement.

Prerequisite(s): Acceptance into POC or approval of PAS

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AFS 312 - Leadership Laboratory IIIA (1)

A course designed and focused on developing advanced leadership skills. Students fill the mid-level management function within the cadet corps. The course involves the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other written and oral communication.

Prerequisite(s): None

Corequisite(s): AFS 311
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Off-Campus Program

AFS 313 - Aerospace Studies III (1)

A study of leadership with specific emphasis on the Air Force leader. Includes theoretical, professional and communicative aspects. In addition, military justice and administrative law are discussed within the context of the military organization. Students continue to develop and refine their leadership abilities by organizing and managing a military unit, the cadet corps, which offers a wide variety of situations requiring effective leadership.

Prerequisite(s): AFS 311
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AFS 314 - Leadership Laboratory III (1)

Laboratory to accompany AFS 313.

Prerequisite(s): None
Corequisite(s): AFS 313
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Off-Campus Program

AFS 411 - Aerospace Studies IVA (3)

A study of the military profession, civil-military interaction, communicative skills, framework of defense policy, and formulation of defense strategy. Students refine their leadership abilities by organizing and managing a military unit, the cadet corps, which offers a wide variety of situations requiring effective leadership.

Prerequisite(s): AFS 313, or approval of PAS.
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AFS 412 - Leadership Laboratory IVA (1)

A course designed and focused on developing advanced leadership skills. Students fill the top level management function within the cadet corps. The course involves the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other written and oral communication. The lab also includes practice of leadership techniques aimed at motivating and instructing cadets in the lower three levels.

Prerequisite(s): None
Corequisite(s): AFS 411
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Off-Campus Program

AFS 413 - Aerospace Studies IVB (3)

Continues the study of strategy and the management of conflict, formulation and implementation of U.S. defense policy, defense organization, and case studies in defense policy making. Students also refine their leadership abilities by organizing and managing a military unit, the cadet corps, which offers a wide variety of situations requiring effective leadership.

Prerequisite(s): AFS 411 or approval of PAS.

Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AFS 414 - Leadership Laboratory IVB (1)

A continuation of AFS 412. A course designed and focused on developing advanced leadership skills. Students fill the top level management function within the cadet corps. The course involves the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other written and oral communication. The lab also includes practice of leadership techniques aimed at motivating and instructing cadets in the lower three levels.

Prerequisite(s): None
Corequisite(s): AFS 413
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Off-Campus Program

AFS 999 - Air Force ROTC (0)

Denotes students officially in the Air Force ROTC program.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

Army ROTC

AMS 101 - Introduction to The Army (2)

This introductory level course is designed to give students an appreciation for the role the Army currently plays in our society. The course covers the history of the Army and the roles and relationships of the Army within our society. The course also covers some of the basic skills necessary for today's leaders to include oral presentation, time management, map reading, basic rifle marksmanship and squad tactics.

Prerequisite(s): None
Corequisite(s): AMS 250
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AMS 102 - Foundations of Agile & Adaptive Leadership (2)

This course is designed to acquaint the student with the fundamental skills necessary to be a leader, both in military and civilian context. Course also covers basic military map reading skills.

Prerequisite(s): None
Corequisite(s): AMS 250
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AMS 201 - Leadership and Ethics (2)

This course focuses on both theoretical and practical aspects of leadership. Students will examine topics such as written and oral communication, effective listening, assertiveness, personality, adult development, motivation, and organizational culture and change.

Prerequisite(s): Prerequisite: AMS 101 and AMS 102
Corequisite(s): AMS 250

Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AMS 202 - Army Doctrine & Team Development (2)

This course focuses principally on officership, providing an extensive examination of the unique purpose, roles, and obligations of commissioned officers. It includes a detailed investigation of the origin of our institutional values and their practical application in decision-making and leadership.

Prerequisite(s): Prerequisite: AMS 101, AMS 102, and AMS 201

Corequisite(s): AMS 250

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 250 - Basic Military Science Lab (1)

A hands-on practicum which exposes the student to the military skills required for basic technical and tactical competence to enter the Advanced Course. May repeat to 4 total credit hours.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 301 - Training Management & Warfighting Functions (3)

Course of study in development of basic skills required to function as a manager; study of leadership styles, group dynamics, communication, motivation and military instruction methods; and school of the soldier and exercise of command. Satisfies Foundations PED 100 requirement.

Prerequisite(s): AMS 101, AMS 102 graduate or undergraduate student (male or female), successful completion of basic course or basic camp, physically fit to pursue program; consent of PMS.

Corequisite(s): AMS 350

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 302 - Applied Leadership in Small Unit Operations (3)

Small unit tactics and communication, organization and mission of combat arms units; leadership and the exercise of command.

Prerequisite(s): AMS 101, AMS 102, graduate or undergraduate student (male or female), successful completion of basic course or basic camp, physically fit to pursue program; consent of PMS.

Corequisite(s): AMS 350

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 320 - Advanced Studies in American Military History (3)

This course will furnish upper level UK ROTC Cadets, and qualified History majors or minors with the methodological tools and materials needed to gain a more detailed understanding of American Military History and to put together a major research paper. AMS 320 will emphasize basic research skills: understanding historiographical debates within a military framework, developing effective note taking, outlining techniques, picking a feasible research topic, finding useful primary sources and drawing inferences from them, examining American military campaigns and leaders in order to complete a battle analysis, and short research assignments.

Prerequisite(s): Consent of instructor

Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

AMS 350 - Advanced Military Science Lab (1)

A hands-on practicum which exposes the student to the military skills required for advanced technical and tactical competence as an Army officer. The course affords junior and senior cadets opportunities to develop and refine their leadership style and abilities under differing constraints and environments. May repeat to 4 total credit hours.

Prerequisite(s): AMS 101, AMS 201 AMS 202, and AMS 250

Corequisite(s): AMS 301, AMS 302, AMS 341 or AMS 342

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 395 - Independent Study in Leadership (1-2)

Advanced study in leadership. Students are under guidance and confer individually with faculty on approved topic(s). A written report or paper is expected and will be filed in the chairperson's office. May be repeated to a maximum of four credits.

Prerequisite(s): AMS 302 and approval of PMS.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 401 - The Army Officer (3)

Explores the dynamics of leading in the complex situations of current military operations. This is an academically challenging course where you will study, practice, develop, and apply critical thinking skills pertaining to Army leadership, officer skills, Army Values and ethics, personal development, and small unit tactics at platoon level. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, practical exercises, a mid-term exam, and final exam. You will also be assessed on the execution of missions during cadet duty assignments and classroom Practical Exercises. You will receive systematic and specific feedback on your leader attributes, values, and core leader competencies from your cadre and other Cadets. You will receive feedback on your abilities as a leader and how to improve those leader skills. At the conclusion of this course, you will be able to plan, coordinate, navigate, motivate and lead a platoon in future operational environments. Successful completion of this course will assist in preparing you for your transition to a career as an Army Officer and is a mandatory requirement for commissioning.

Prerequisite(s): Students must have completed ROTC Basic Course requirements, AMS 301 and AMS 302.

Corequisite(s): AMS 350

Grading Method: Letter Grade

AMS 402 - Company Grade Leadership (3)

Company Grade Leadership explores the dynamics of leading in the complex situations of current military operations. This is an academically challenging course where you will study, practice, develop, and apply critical thinking skills pertaining to Army leadership, officer skills, Army Values and ethics, personal development, and small unit tactics at platoon level. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, practical exercises, a mid-term exam, and final exam. You will also be assessed on the execution of missions during cadet duty assignments and classroom Practical Exercises. You will receive systematic and specific feedback on your leader attributes, values, and core leader competencies from your cadre and other Cadets. You will receive feedback on your

abilities as a leader and how to improve those leader skills. At the conclusion of this course, you will be able to plan, coordinate, navigate, motivate and lead a platoon in future operational environments. Successful completion of this course will assist in preparing you for your transition to a career as an Army Officer and is a mandatory requirement for commissioning.

Prerequisite(s): Students must have completed the ROTC Basic Course requirements, taken AMS 301, AMS 302 and AMS 401.

Corequisite(s): AMS 350

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

AMS 999 - Army ROTC (0)

Denotes students officially in the Army ROTC program.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

Art & Design

ART 100 - Understanding Art (3)

Exposure to elements, principles and periods in art. Exposure to studio components, through guided exercises and gallery visits are an integral part of the course.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 101 - Art & Culture (1.5)

Music majors register for an Art portion (half semester) of approved Foundations SLO 2 options. Presents a rudimentary knowledge of the elements and principles used in art. Provides a philosophical basis for understanding the arts with considerable time spent viewing and exploring art. (ART 101 is required for Music majors.)

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 110 - Art & Creativity in Practice (3)

Experiential course that promotes the processes of creativity necessary for visual art and design; applicable to any discipline. This course will engage imagination, haptic experience and discovery to transcend traditional ideas/rules/patterns to create meaningful new ideas and infuse them in a variety of experimental visual projects.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 111 - Introduction to 2D Form and Design (3)

The introduction to the fundamental principles and elements of two-dimensional design and the technical skills required to apply them in various media. The student learns how to structure intelligent and creative solutions to specific design problems and to evaluate those solutions according to critical standards. The nature and meaning of the creative process and the expressive potential of visual form are addressed.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 112 - Introduction to 3D Form & Design (3)

Explores spatial principles through a series of projects involving concept generation, technical construction, and expressive intent with a variety of materials.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

ART 123 - Introduction to Drawing (3)

An introduction to drawing as a means of seeing and formulating ideas in visual form. Explores the basic concepts and formal devices of drawing. Working in various drawing media builds a practical understanding of drawing as the foundation for all visual thinking.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 222 - Ceramics (4)

An introduction to the complete ceramics process. Techniques in clay formation, decoration, firing, and potter's wheel are taught with an emphasis on the expressive potential of utility.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 231 - Color Theory (3)

Further exploration of the principles and elements of design. Develops awareness of the theoretical and expressive significance of color in pictorial space.

Prerequisite(s): ART 111 strongly recommended

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ART 233 - Figure Drawing (4)

Further develops lessons introduced in ART123 by addressing the classical subject of the live model in an intensive studio context. Various media.

Prerequisite(s): ART 123

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

ART 242 - Watercolor (3)

Introduces the basic techniques of traditional watercolor. While the emphasis is on the handling of the media, principles of form and composition are also addressed.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

ART 251 - Art History Through 1500 (3)

Examination of major developments in art and architecture from prehistory through the 14th century, with consideration given to the dominant political, religious, and social concerns of each period.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ART 252 - Art History After 1500 (3)

Broad survey of the principal innovations in art and architecture in the West from the Renaissance to the present.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer, Every other Fall in Paris Semester

ART 254 - Graphic Design I (3)

Fundamental design principles within the context of graphic design, using industry-standard page-layout and digital image-editing software. Two-dimensional visual communication is reinforced, along with typographic principles and a survey of graphic design processes, through problem solving projects and exercises.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 265 - Honors Art Appreciation (3)

Honors Program course in Art appreciation. Course syllabus varies by semester. Equivalent to ART 100.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

ART 266 - Introduction to Photography (3)

Introduction to seeing photographically. Emphasizes critical thinking, photography's history, and thoughtful evaluation of photographs. Methods and practice are also covered, including equipment, history, basic digital imaging, and presentation, culminating in a final portfolio. Requires an SLR camera (film or digital)

with manual functions.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 292 - Working in the Visual Arts (3)

Prepares student for advanced study in their chosen emphasis. Combines faculty mentorship with a chance to learn the principles and practice of presenting, exhibiting, curating, and documenting artwork. Students learn to identify areas of interest and begin the process of self-propelled art creation and/or research. Ideally taken in sophomore year.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

ART 300 - Art Theory & Criticism (3)

Historical survey of critical methods and theories by which "art" and the "artist" have been defined and assessed. Theological perspectives on the visual arts are addressed.

Prerequisite(s): ART 251 or ART 252

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-even years

ART 322 - Ceramics II (3)

Intermediate studio course building on the foundations on Ceramics I. Design, concept development, sculptural application and surface considerations will be explored. Emphasis on contemporary ceramic practices and the development of one's own creative expression within the medium. May be repeated up to 3 times.

Prerequisite(s): ART 222

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ART 340 - Traditional Black & White Photography (4)

Intermediate studio course that introduces black and white darkroom craft as a form of artistic expression. Students learn traditional silver-based light sensitive processes and darkroom techniques, and medium- and large-format camera equipment usage. Students will also study the medium's history from the early twentieth century to present times. May be repeated up to 3 times.

Prerequisite(s): ART 266

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ART 350 - Art Practice Seminar (3)

A group seminar course designed to begin to develop the individual student's personal vision in consultation with faculty and advanced students. The student will be expected to generate work in their chosen

concentration (painting, sculpture, photography, ceramics, drawing, graphic design, or art history), and to share their progress in regular critique sessions, as a part of the seminar format. Research and articulation of other artist's work and various influences is expected of each student. Assessment will be based on: a) written projects, meeting or exceeding a pre-established amount of work (as demonstrated in critiques), and b) whether growth in the student's resulting body of work is evident overall. Technical consultation with the students' respective discipline-specific professors is expected to be ongoing and as-needed.

Prerequisite(s): Sophomore status

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 356 - Digital Darkroom & Imaging (3)

Covers digital imaging techniques from capture to print. This course is designed to prepare the student for both commercial and fine arts applications. Various methods, tools, and techniques of digital imaging and efficient post-production workflow are covered, along with editing, manipulation, file management and preparation, and scanning. Access to DSLR required. May be repeated up to 3 times.

Prerequisite(s): ART 266

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ART 360 - Aesthetics (3)

Aesthetics is the study of how certain sensory experiences come to be considered distinctly "artistic", beautiful, musical, poetic or sublime. An understanding of aesthetics enlarges the way we think about human flourishing in general and the ways in which we think about the fine and performing arts in particular. This course will explore the aesthetic theory of influential philosophers from classical Greece to the present (such as Plato, Aristotle, Hume, Kant, and Adorno) along with theologians who have addressed the intersection of theology and aesthetic experience. The course will consist of readings and class discussion; evaluative looking and listening assignments; presentations; and a book review.

Prerequisite(s): Sophomore status and at least one completed course in the visual and/or performing arts (e.g. music, art, theatre) or philosophy

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-odd years

ART 372 - Sculpture (3)

Investigation of the major issues and techniques of contemporary sculptural practice including materials choice, formation process, and idea development.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ART 381 - Painting (4)

This course introduces the basic concepts and techniques of representational painting in acrylics and oils. The emphasis lies in developing technical proficiency and visual acuity as the foundation for imaginative formal expression in paint. May be repeated up to 3 times.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ART 390 - Printmaking (4)

Students learn the procedures, techniques, vocabulary and implications of using relief and screen-printing processes. May be repeated up to 3 times.

Prerequisite(s): ART 123 strongly recommended

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ART 396 - Contemporary Art Seminar (3)

Students engage the ideas, practices and broader context of art produced today. The course includes traveling to Chicago to view art, research and discuss current art exhibitions and publications. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ART 403 - Advanced Drawing (4)

This studio course continues the practice, study, and craft of drawing and related applications begun in ART 123. Additional attention will be given to research skills and focused expression through a studio classroom setting. May be repeated up to 3 times.

Prerequisite(s): ART 123 and ART 231 are strongly recommended as pre-requisite.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ART 435 - Internship (3)

Students work under joint supervision of professor and on-the-job supervisor in appropriate setting. Requires prior approval of work setting, and minimum of 120 hours of documented field work.

Prerequisite(s): Junior status and departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

ART 450 - Advanced Art Practice Seminar (3)

Group seminar course designed to sharpen the individual student's personal vision, in preparation of the Senior Art Thesis. The student will be expected to generate work in their chosen concentration (painting, sculpture, photography, ceramics, drawing, graphic design, or art history), and to share their progress in regular critique sessions, as a part of the seminar format. Research and articulation of other artist's work and various influences is expected of each student. Assessment will be based on: a) written projects, meeting or exceeding a pre-established amount of work (as demonstrated in critiques), and b) whether growth in the student's resulting body of work is evident overall. Technical consultation with the students' respective discipline-specific professors is expected to be ongoing and as-needed. May be repeated.

Prerequisite(s): ART 350; Junior or Senior status; at least introductory level course in chosen area of specialization.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 452 - Graphic Design II (3)

Builds on ART 254 in considering critical analyses in graphic design and its larger cultural impact. Introduces vector graphics software and further study of page layout and digital image-editing tools. Three hours of laboratory per week required. May be repeated up to 3 times.

Prerequisite(s): ART 254

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ART 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

ART 475 - Senior Seminar (1)

Capstone Seminar dealing with what it means to have a liberal arts degree in Art, as well as making plans for relevant graduate education and career opportunities. Senior Seminar is normally taken in the fall semester of the year in which the student will carry out their senior exhibit, or senior art historical research.

Prerequisite(s): Senior status

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

ART 477 - Senior Art Thesis (3)

A student in studio art mounts a professional-quality exhibition of a body of work created for the Art major in the University gallery or other designated space. The exhibit must meet faculty approval both as proposed and as installed. The student completing an art history emphasis presents research at the public annual art history symposium or independently curates a show on or off campus.

Prerequisite(s): ART 450, Senior status, and recommendation of department

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

Biology

BIO 100 - Biological Science (3)

Specifically designed, in conjunction with BIO 101, to satisfy the natural science Foundations requirement for non-science majors. Emphasis is placed on the nature, methodology, and limitations of biological scientific investigation, as well as on selected topics relevant to humans, including cell biology, genetics, evolution, and ecology.

Prerequisite(s): None

Corequisite(s): BIO 101

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BIO 101 - Biological Science Lab (1)

In conjunction with BIO 100, satisfies the natural science Foundations requirement for non-science majors. Emphasis is placed on using the methodologies of science for problem solving, and on distinguishing among pure, applied, and technological aspects of biological science. Specific labs highlight concepts presented in BIO 100 and cover cell biology, genetics, evolution, and ecology.

Prerequisite(s): None

Corequisite(s): BIO 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

BIO 121 - Mission Farm I (1)

This is an introductory experiential study of the process of establishing and running a sustainable farm. Knowledge about food production and how it can be used to begin and foster relationships especially in the context of mission will be presented. Students will acquire skills needed to plan, establish, maintain and harvest a garden. There will be an emphasis on transferability of this knowledge to other cultures, especially on the mission field.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

BIO 122 - Mission Farm II (1)

This is a continuation of the fall Mission Farm Project class. More advanced topics in sustainable farming will be covered in the context of developing the farm and transferring these principles to the mission field. Fundamentals of small livestock husbandry will be covered especially with regard to the role they play in sustainable farming. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

BIO 201 - General Biology I (3)

First course in a one-year sequence designed to be taken by students majoring or minoring in biology or biochemistry. Included is coverage of cell biology, ecology, genetics, and evolution. Philosophy and methodology of science will also be treated from a Christian point of view. High school biology and chemistry are assumed.

Prerequisite(s): None

Corequisite(s): BIO 203

Grading Method: Letter Grade

Term Typically Offered: Fall

BIO 202 - General Biology II (3)

Second course in a one-year sequence designed for students majoring or minoring in biology or biochemistry. Emphasizes biological classification and organismal biology, including a survey of plant and animal organ systems.

Prerequisite(s): None

Corequisite(s): BIO 204

Grading Method: Letter Grade

Term Typically Offered: Spring

BIO 203 - General Biology Lab I (1)

In conjunction with BIO 201, satisfies Foundations requirement for a natural science. Emphasis is placed on using the methodologies and tools of science. Developing computer and research report writing skills are integral to the course. Subject matter parallels BIO 201 and includes labs on ecology, cell biology, genetics, and evolution.

Prerequisite(s): None

Corequisite(s): BIO 201

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

BIO 204 - General Biology Lab II (1)

In conjunction with BIO 202, satisfies Foundations requirement for a natural science. A variety of laboratory techniques, including microscopic observation, dissection, and computer data analysis will be used to investigate the biological systems of organisms within the five kingdoms of classification.

Prerequisite(s): None

Corequisite(s): BIO 202

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

BIO 211 - Microbiology (3)

A comprehensive study of the microbial worlds. Bacterial structure, reproduction, and growth are described. Emphasis is placed on microbial-related disease processes, microbial control and identification of common and medically-important bacteria and parasites. Also includes discussion of microbial genetics and virus replication. In conjunction with BIO 213, satisfies Foundations requirement for a natural science.

Prerequisite(s): None

Corequisite(s): BIO 213

Grading Method: Letter Grade

Term Typically Offered: Fall

BIO 213 - Microbiology Lab (1)

Introduces students to the basic microbiological techniques used in the laboratory for the isolation, growth and/or identification of medically important bacteria, fungi and parasites. Special emphasis is placed on identifying "unknown" microbes, utilizing various morphological and biochemical tests. Experimental data is obtained to study the effects of selected physical and chemical factors on bacterial growth.

Prerequisite(s): None

Corequisite(s): BIO 211

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

BIO 217 - Environmental Science (3)

Provides a sound foundation in basic principles and unifying concepts of environmental science. Current environmental issues are also covered, with emphasis on the ecological, economic, and human health impacts of air and water pollution, global climate change, ozone depletion, acid rain, hazardous and solid waste, alternative energy resources, soils, deforestation, overfishing, biodiversity, and endangered species. Intended both for biology majors and non-biology majors.

Prerequisite(s): None

Corequisite(s): BIO 219

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

BIO 219 - Environmental Science Lab (1)

Applies ecological principles to current environmental problems using experimental and statistical analysis techniques. Exercises are carried out in the lab and in the field. Topics include energy production, consumption, and conservation, soil, air, and water quality testing, and human impacts on plant and animal populations. In conjunction with BIO 217, satisfies Foundations requirement for a natural science.

Prerequisite(s): None

Corequisite(s): BIO 217

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

BIO 221 - Ecology (3)

Presents the theoretical basis for modern ecology: laws of thermodynamics, population dynamics, evolutionary adaptation, the earth's weather machine, physiological ecology, marine ecology, and nutrient cycling.

Prerequisite(s): BIO 201/BIO 203, BIO 202/BIO 204

Corequisite(s): BIO 223

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

BIO 223 - Ecology Lab (1)

Provides practical learning experiences in major ecological principles. Exercises are conducted both in the field and the laboratory. Topics include population dynamics, community structure and dynamics, biodiversity, soils, and behavior. Collection and evaluation of data are important components of the course.

Prerequisite(s): None

Corequisite(s): BIO 221

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

BIO 227 - Aquatic & Wetland Biology (3)

Provides an overview of the biology and ecology of aquatic systems with an emphasis on the diversity and taxonomy of organisms residing in these habitats. The processes dictating the characteristics of freshwater ecosystems (energy flow, nutrient flow, movement of water) are examined as well as the impact of anthropogenic perturbations on these processes. Additional topics discussed in the course include constructed wetlands, aquatic toxicology, infectious aquatic microorganisms and their control, trophic states, and extreme aquatic environments. Students exit the course with a strong foundation in the many facets of aquatic biology and familiarity with aquatic flora and fauna.

Prerequisite(s): BIO 201/BIO 203

Corequisite(s): BIO 229

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BIO 229 - Aquatic & Wetland Biology Lab (1)

Emphasizes taxonomy of freshwater aquatic and wetland species with a focus on Kentucky fauna. Methods used in aquatic biology play a central role in the course and students practice these techniques in the field. Collection and identification of Kentucky species of fish, mussels, crustaceans, amphibians, reptiles, and herbaceous and woody plants as well as first-hand observations of ecosystem characteristics and processes are a central theme in the course.

Prerequisite(s): None

Corequisite(s): BIO 227

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

BIO 252 - Nutrition (3)

The basic principles of human nutrition are studied and then applied to the nutritional needs of humans at the various stages of the life cycle. The chemical and physiological approach is emphasized.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BIO 262 - Human Physiology (3)

The functions of the tissues, organs and organ systems of the human body are studied. Qualifies as a prerequisite for numerous nursing and physician assistant programs.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BIO 265 - Honors Biology (3)

Honors Program course in Biology. Course syllabus varies by semester. Equivalent to BIO 100 (lecture only).

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

BIO 272 - Principles of Plant Biology (3)

The course provides an introduction to plant structure and physiology, development, reproduction, classification, diversity, and the roles plants play in ecological systems. The different ways humans depend on, and impact, plants in our changing world are also discussed.

Prerequisite(s): BIO 202/BIO 204

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BIO 274 - Principles of Plant Biology Lab (1)

The course provides experimentation that introduces students to numerous aspects of plant taxonomy and physiology. Experiments examining plant hormones, photosynthesis, transpiration, plant genetic modification, detection of plant transgenes, and plant tissue culture are included. Additional labs examine the morphology and life histories of major plant taxonomic groups.

Prerequisite(s): BIO 202/BIO 204

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

BIO 280 - Scientific & Medical Terminology (3)

Designed to provide science and pre-professional health majors with a basic knowledge of the linguistic principles inherent in the specialized vocabulary of medical science.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BIO 322 - Genetics (3)

A basic knowledge of Mendelian genetics is assumed. Traditional topics such as Mendelian genetics, meiosis, cytogenetics and population genetics are covered. Emphasis is also placed on modern molecular genetics including DNA organization, protein synthesis, gene control and recombinant DNA technology.

Prerequisite(s): BIO 201/BIO 203 and BIO 202/BIO 204

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BIO 331 - Human Anatomy (3)

A comprehensive study of mammalian anatomy approached through a detailed examination of the organ systems of the human body. Designed for science majors and required for pre-nursing students.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

BIO 333 - Human Anatomy Lab (1)

A laboratory approach to the study of mammalian anatomy, including a detailed dissection of *Felis domesticus*. In conjunction with BIO 331, satisfies Foundations requirement for a natural science.

Prerequisite(s): None

Corequisite(s): BIO 331

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

BIO 341 - Ethical Issues (2)

Designed to help the students explore, from a biblical perspective, ethical issues involved in the practice and application of science.

Prerequisite(s): Sophomore status

Grading Method: Letter Grade

Term Typically Offered: Spring

BIO 352 - Physiology (3)

Provides students with an introduction to the function and regulation of the human body with an emphasis on the integration of organ systems to maintain homeostasis. Includes a detailed discussion of musculoskeletal, nervous, circulatory, respiratory, digestive, urinary, immune, reproductive, and endocrine system physiology. Discussions of cell structure and metabolism, respiration, and cell transport are also included. Seeks to develop the student's conceptual and quantitative skills and to prepare the student to understand the nature and potential consequences of common diseases.

Prerequisite(s): BIO 201/BIO 203, BIO 202/BIO 204, CHE 121/CHE 123

Corequisite(s): BIO 354

Grading Method: Letter Grade

Term Typically Offered: Spring

BIO 354 - Physiology Lab (1)

Provides the student with experience in the collection of physiological data pertaining to metabolism, osmoregulation, membrane permeability, muscle contraction, blood pressure, and neurotransmitter modulation of cardiac output. Both human and animal models are utilized, and laboratory skills used in the collection of physiological data such as muscle preparation, blood collection, dissection and electrophysiological measurements are emphasized.

Prerequisite(s): BIO 201/BIO 203, BIO 202/BIO 204, CHE 121/CHE 123

Corequisite(s): BIO 352

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

BIO 372 - Cell and Molecular Biology (3)

An introduction to the regulation of cellular structure and function at the molecular level with an emphasis on the study of enzymes and nucleic acids.

Prerequisite(s): BIO 201/BIO 203, BIO 202/BIO 204, CHE 121/CHE 123, CHE 122/CHE 124, CHE 201/CHE 202

Corequisite(s): CHE 201 may be taken concurrently by permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall

BIO 374 - Cell and Molecular Biology Lab (1)

Provides students with experience in various molecular biology techniques that are used in many fields of biological investigation. Techniques include, but are not limited to, protein isolation, agarose and polyacrylamide gel electrophoresis, RNA isolation, cDNA synthesis and analysis, polymerase chain reaction, bacterial transformation and histological staining of tissue samples. Students will gain experience using instruments that allow digital data collection and analysis. Formal laboratory reports will be generated by students using a mock "peer review" system.

Prerequisite(s): None
Corequisite(s): BIO 372
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

BIO 379 - Immunology (3)

An introduction to the biology and chemistry of the immune system. Includes discussion of antigen/antibody reactions, antibody synthesis, humoral and cell-mediated immunity, tolerance, the role of the immune system in disease related processes, and immuno-assay procedures. Includes several laboratory exercises.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

BIO 391 - Independent Study (1-3)

Offered by consent by supervising instructor in the biology department. A topic is established by negotiations with the instructor. A student may not take more than 6 hours.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

BIO 393 - Seminar (1-4)

Discussion of selected topics. May be offered in conjunction with other departments or as a separate course primarily for biology students.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

BIO 399 - Introduction to Biological Research (1)

A practical experience which introduces the student to the methods of biological research and writing. The topic for an independent research project (for BIO 400) is chosen; a literature search is initiated; and essential laboratory techniques pertinent to the project are mastered.

Prerequisite(s): Junior status and a minimum of 12 hours each of biology and chemistry
Grading Method: Letter Grade
Term Typically Offered: Spring

BIO 400 - Senior Research in Biology (1-2)

Required of all biology majors. Students will, under faculty supervision, independently design and carry to completion an independent, scientific research project of a biological nature. A senior research paper must be written at the completion of the project. Students must earn a total of at least 2 credits but may take 1 credit per semester in their senior year. 2 credits required, but students may take 1 credit per semester in their senior year.

Prerequisite(s): Senior status and completion of BIO 399
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Fall

BIO 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

BIO 475 - Senior Seminar (1)

Designed to provide practical experience in the oral presentation of a scientific paper. Students will prepare and present seminars and a poster on their research projects (BIO 400), take a cumulative exam in their major, and evaluate other research presentations.

Prerequisite(s): Senior status and BIO 400

Grading Method: Letter Grade

Term Typically Offered: Spring

Bible-Theology

BTH 300 - Bible, Culture, & Justice (3)

This course will explore the biblical mandate to love our neighbors as ourselves (Lev 19:18; Mark 12:31). Drawing from all parts of Scripture, students will study biblical passages relating to some of the pressing issues Christians face in contemporary society such as human trafficking, poverty and economic justice, abortion and child welfare, discrimination, gender roles and sexual identity. The goal of the course is not to provide students with a pat answer for each issue, but to equip students with tools to evaluate and respond in Christian ways to these concerns.

Prerequisite(s): OT 100 and NT 100.

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BTH 320 - Biblical Interpretation (3)

A study of the methods and principles of biblical interpretation. It includes an application of interpretive principles to such areas as literary genre, historical and theological issues, the history of interpretation and the relationship between the testaments.

Prerequisite(s): OT 100 and NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

BTH 330 - Defending the Christian Faith (3)

An introduction to Christian apologetics: the church's reasoned, faithful responses to problems and criticisms of the Christian faith. The course (a) surveys the range of approaches to apologetics; (b) evaluates the kinds of evidence used (philosophical/theological, scientific, scriptural, ecclesiastical, and spiritual); and (c) explores the Christian responses to skepticism on various issues (e.g., the existence of God, miracles, historicity of Jesus' resurrection).

Prerequisite(s): OT 100 and NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

BTH 340 - Holiness and the Christian Life (3)

This course explores the biblical, theological, and historical foundations of Christian holiness and its relation to the doctrine of salvation. Special emphasis will be given to a Wesleyan understanding of holiness, and its relevance in relation to contemporary expressions of Christian spirituality.

Prerequisite(s): OT 100, NT 100 and TH 250

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BTH 435 - Internship (3-4)

The application of ministry principles in an actual ministry setting, with a primary focus on pastoral ministry. Supervised by appropriate ministry personnel.

Prerequisite(s): Junior or Senior status; major/minor only.

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Contract course offering

BTH 475 - Senior Seminar (1)

A discussion-oriented course examining issues in biblical and theological studies. Requirements include readings and written reflections, with a required ministry experience for pre-ministry majors. Passing grades are based on fulfillment of requirements, attendance and participation.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Spring

Business

BU 211 - Principles of Management (3)

The topic of management is introduced from a business leadership perspective. Students will be exposed to methods of motivation, group management and how to work in virtual teams. The topics of innovation and entrepreneurship are also explored to understand how each person can have impact on the world. Learning about how to implement successful change and the ideas of corporate social responsibility conclude the study of management.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BU 250 - The Business of Care, Help, & Development (3)

People of faith, like everyone else, are active participants in a business-dominated world. Developing a clear understanding of how the business world runs, and more importantly, having our faith perspective define and dictate how we understand and behave within this world is the primary intent of this class. Specifically, the course will focus on several key attributes: • First, we will explore our Christian anthropology, and the relationship between this anthropological makeup and commercial activity (i.e., business). • Second, we will describe poverty in its most pervasive forms: Economic, Social, and Spiritual. • Next, we will explore the Biblical mandate to address these forms for poverty. • Further, we will incorporate key insights from the field of business in order to think carefully about how we fulfill our Biblical mandate to serve others and address poverty (i.e., how do we care in an effective, helpful way?) Here we will borrow from a growing body of scholarship to help us think carefully in these areas. • Finally, the course will involve practical application:

What does it mean to apply our learning to specific ministry contexts?

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

BU 253 - God, Faith, & the Marketplace (3)

The purpose of this course is to unite key business principles with Wesleyan theological insights for students in the Howard Dayton School of Business. Understanding our Christian anthropology, in addition to our heritage and key beliefs, is a necessary antecedent to future business courses in the HDSB and, eventually, the professional business world. Specifically, this course will explore the more common ethical traditions and their moral claims relative to the marketplace and the business world. Moreover, the course will aim to explicitly incorporate Wesleyan Theology and its applications for modern business practice.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BU 261 - Business Analytics I (3)

Students will engage in finite mathematical applications, basic statistics, and probability within a business context. Furthermore, students will explore contemporary applications of data storage, extracting, and analysis within the business sector. Specifically, a managerial understanding of big data, data mining, and data collection will be considered.

Prerequisite(s): MAT 111, MAT 119 or MAT 120 or above.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

BU 262 - Business Analytics II (3)

This class will address advanced statistical topics including forecasting, multivariate regression, and regression diagnostics used in business. Furthermore, students will engage and utilize advanced research tools (Excel, SPSS, Minitab) in order to carry out and interpret high-level statistical analysis. This course ends with a full scale research project and presentation.

Prerequisite(s): BU 261/BUA 261

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BU 281 - Give, Save, Spend (3)

This course is designed to familiarize the student with the following topics which will aid in personal money management: personal family budgeting and banking, insurance principles (property, liability, health, and life insurance), financial loans, income tax, investment principles, retirement and estate planning.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BU 312 - Small Business Management (3)

This course examines the development and management of the business venture. Topics include: the innovation idea, the development of business and financial plans, feasibility studies, alternative modes of financing, and the launching of the venture.

Prerequisite(s): ACA/ACC 201, BUA/BU 211, MKA/MKT 241

Grading Method: Letter Grade

Term Typically Offered: Spring

BU 321 - Business Law I (3)

An introduction to the American Legal System including an overview of both civil and criminal procedure. A study of the applications of legal principles to business transactions. Substantive areas to be considered include: Contracts, Commercial Paper, Sales, Real Property, Personal Property, Wills and Trusts, Agency, Torts, Business Crimes.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BU 322 - Business Law II (3)

An examination of government influence on business and the societal obligations of the business professional and firm, as required by law and public policy. Continued study of substantive legal principles governing business transactions. Subjects surveyed include: Corporations, Partnerships, Secured Transactions, Bankruptcy, Antitrust Law, Labor Law, Securities Regulations, Consumer Protection Laws, and Professional Liability.

Prerequisite(s): BU 321/BUA 321

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BU 325 - Triple Bottom Line Entrepreneurship (3)

Entrepreneurship in itself is bringing forth something new and assuming the risk of implementing it. Social entrepreneurship intertwines the innovative spirit with the societal impact to empower others in the quest for sustainable change. This course explores the concepts, theories and practice of social entrepreneurship domestically and internationally.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

BU 331 - Human Resource Management (3)

A study of issues related to attracting, motivating, and retaining employees. This course discusses the activities of planning staffing, appraising, compensating, training and developing, improving, and establishing work relationships with employees.

Prerequisite(s): BU 211/BUA 211

Grading Method: Letter Grade

Term Typically Offered: Fall

BU 335 - International Business Ventures (3)

This course examines the unique issues faced by business ventures engaging in international activities; the influences of economic, political, legal, and cultural environments on international business operations and management. The dynamics of religion, beliefs, language, legal environments, and politics that influence leadership, motivation, communication, ethical concerns, and management decision-making are discussed. This course utilizes case studies and discussions with special emphasis on small and medium businesses as well as new ventures.

Prerequisite(s): BU 211/BUA 211, MKT 241/MKA 241, ECA 273/ECN 273

Grading Method: Letter Grade

Term Typically Offered: Fall

BU 339 - Business as Mission (3)

This course examines the role of business in missions. The general areas covered in this class are comprised of: 1) the philosophy of business as mission; 2) practical issues related to using business as a method for cross-cultural missions; and 3) an investigation of the spectrum of business models employed. By utilizing case studies, students in the course will have a better understanding of the opportunities and challenges associated with integrating business and missions.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

BU 391 - Independent Study (1-3)

Independent study projects with required written reports approved and directed by a member of the Business Management faculty.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

BU 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. Credit may be given more than once.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BU 410 - Management of Innovation (3)

An introduction to tools and concepts that will help understand the role of emerging technologies, as well as identify opportunities and possibilities for competitive advantage through innovation. Specific topics covered include sources and models of innovation, innovation strategy, and new product development.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

BU 412 - Organizational Behavior & Structure (3)

This course provides an overview of topics in the field of organizational behavior. Topics covered include leadership, motivation, teamwork, decision processes, conflict, organizational change, and learning. The course will focus on how to improve productivity, job satisfaction, and commitment. Elements of regulatory and legal environment on businesses will also be integrated in the course.

Prerequisite(s): BU 211/BUA 211

Grading Method: Letter Grade

Term Typically Offered: Spring

BU 413 - Strategic Management Capstone (3)

This is a capstone course for all graduating senior Dayton School of Business majors. It is designed to provide a collective view of the application of the business theory that has been learned in the core business curriculum. Evaluation of the internal and external environment of businesses leading to the formulation of alternative courses of action and translating objectives and strategy into current operational plans will be reviewed. The course will focus heavily on case analysis and formal presentation.

Prerequisite(s): To be taken senior year.

Grading Method: Letter Grade

Term Typically Offered: Spring

BU 420 - Entrepreneurship: Finance & Venture Capital (3)

[Same as FIN 420] This course focuses on the financial aspects of venture creation. Topics include pro forma development and review, business valuation models, cash flow analysis, and raising capital from private investors, venture capitalists, and banks.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

BU 430 - Nonprofit Leadership & Management (3)

This course is a survey of the operational and management practices of non-governmental, nonprofit organizations. There are key features that differentiate nonprofit organizations within organizational design, governance structures, board and community relations, fiscal structures and the regulatory environment. These topics will be covered as they specifically relate to the non-governmental, nonprofit organizations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BU 435 - Internship (3)

Students work with cooperating organizations to secure a job for on-the-job training in business administration. Students maintain a journal of the work experience, complete a final paper applying theory to practice, and complete an exit interview with the professor. Employers must provide a description of the job responsibilities and agree to the minimum hours requirement as well as completing an evaluation of the student at the end of the internship period.

Prerequisite(s): Completion of the 200-level major core courses and one 300 or higher business course. Consent of the professor must be secured.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

BU 440 - Nonprofit Fundraising, Grant Writing, & Philanthropy (3)

Revenue generation is critical for the going concern of any non-governmental nonprofit organization. This is accomplished through fundraising, grants, contracts and philanthropic efforts that will be examined during this course. Evaluation of current fundraising strategies and hands-on experience with grant writing are highlights of the course content.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BU 445 - Fiscal & Performance Management of a Nonprofit (3)

This course will introduce the requirements of adequate financial systems for nonprofit organizations. This includes the form and content of reports as well as performance management techniques and analysis. It will also focus on understanding how to develop budgets, manage daily fiscal activities, establish internal controls and meet regulatory requirements.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BU 450 - Community Development (3)

This course surveys key principles and issues in community development both domestically and internationally including methods of community assessment, strategies for identifying, evaluating and implementing community-level initiatives and working with the strengths of the community as a whole.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BU 457 - Global Supply Chain Management (3)

The efficient delivery of goods and services from global suppliers is critical to every company and nation. Supply chain management (SCM) is the structured approach for meeting this requirement. Supply chains are systems and processes that transform resources into products and services ranging from automobiles, mobile phones, healthcare, and aerospace to education and software development. Procurement, inventory, transformation, distribution, and transportation all must be managed individually and in concert with each other to achieve corporate goals and objectives. This course provides students with the theory and practice to design, operate, and sustain global supply chains. Application of systems thinking methods and tools will provide students with market-ready skills.

Prerequisite(s): BU 261

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-even years

BU 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

BUA 211 - Principles of Management (3)

The topic of management is introduced from a business leadership perspective. Students will be exposed to methods of motivation, group management and how to work in virtual teams. The topics of innovation and entrepreneurship are also explored to understand how each person can have impact on the world. Learning about how to implement successful change and the ideas of corporate social responsibility conclude the study of management.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BUA 250 - The Business of Care, Help, & Development (3)

People of faith, like everyone else, are active participants in a business-dominated world. Developing a clear understanding of how the business world runs, and more importantly, having our faith perspective define and dictate how we understand and behave within this world is the primary intent of this class. Specifically, the course will focus on several key attributes: • First, we will explore our Christian anthropology, and the relationship between this anthropological makeup and commercial activity (i.e., business). • Second, we will describe poverty in its most pervasive forms: Economic, Social, and Spiritual. • Next, we will explore the Biblical mandate to address these forms for poverty. • Further, we will incorporate key insights from the field of business in order to think carefully about how we fulfill our Biblical mandate to serve others and address poverty (i.e., how do we care in an effective, helpful way?) Here we will borrow from a growing body of scholarship to help us think carefully in these areas. • Finally, the course will involve practical application: What does it mean to apply our learning to specific ministry contexts?

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

BUA 253 - God, Faith, & the Marketplace (3)

The purpose of this course is to unite key business principles with Wesleyan theological insights for students in the Howard Dayton School of Business. Understanding our Christian anthropology, in addition to our heritage and key beliefs, is a necessary antecedent to future business courses in the HDSB and, eventually, the professional business world. Specifically, this course will explore the more common ethical traditions and their moral claims relative to the marketplace and the business world. Moreover, the course will aim to explicitly incorporate Wesleyan Theology and its applications for modern business practice.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BUA 261 - Business Analytics I (3)

Students will engage in finite mathematical applications, basic statistics, and probability within a business context. Furthermore, students will explore contemporary applications of data storage, extracting, and analysis within the business sector. Specifically, a managerial understanding of big data, data mining, and data collection will be considered.

Prerequisite(s): MAT 111, MAT 119 or MAT 120 or above.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

BUA 262 - Business Analytics II (3)

This class will address advanced statistical topics including forecasting, multivariate regression, and regression diagnostics used in business. Furthermore, students will engage and utilize advanced research tools (Excel, SPSS, Minitab) in order to carry out and interpret high-level statistical analysis. This course ends with a full scale research project and presentation.

Prerequisite(s): BU 261/BUA 261

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BUA 281 - Give, Save, Spend (3)

This course is designed to familiarize the student with the following topics which will aid in personal money management: personal family budgeting and banking, insurance principles (property, liability, health, and life insurance), financial loans, income tax, investment principles, retirement and estate planning.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BUA 312 - Small Business Management (3)

This course examines the development and management of the business venture. Topics include: the innovation idea, the development of business and financial plans, feasibility studies, alternative modes of financing, and the launching of the venture.

Prerequisite(s): ACA/ACC 201, BUA/BU 211, MKA/MKT 241

Grading Method: Letter Grade

Term Typically Offered: Fall

BUA 321 - Business Law I (3)

An introduction to the American Legal System including an overview of both civil and criminal procedure. A study of the applications of legal principles to business transactions. Substantive areas to be considered include: Contracts, Commercial Paper, Sales, Real Property, Personal Property, Wills and Trusts, Agency, Torts, Business Crimes.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

BUA 322 - Business Law II (3)

An examination of government influence on business and the societal obligations of the business professional and firm, as required by law and public policy. Continued study of substantive legal principles governing business transactions. Subjects surveyed include: Corporations, Partnerships, Secured Transactions, Bankruptcy, Antitrust Law, Labor Law, Securities Regulations, Consumer Protection Laws, and Professional Liability.

Prerequisite(s): BU 321/BUA 321

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 325 - Triple Bottom Line Entrepreneurship (3)

Entrepreneurship in itself is bringing forth something new and assuming the risk of implementing it. Social entrepreneurship intertwines the innovative spirit with the societal impact to empower others in the quest for sustainable change. This course explores the concepts, theories and practice of social entrepreneurship domestically and internationally.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

BUA 331 - Human Resource Management (3)

A study of issues related to attracting, motivating, and retaining employees. This course discusses the activities of planning staffing, appraising, compensating, training and developing, improving, and establishing work relationships with employees.

Prerequisite(s): BU 211/BUA 211

Grading Method: Letter Grade

Term Typically Offered: Fall

BUA 335 - International Business Ventures (3)

This course examines the unique issues faced by business ventures engaging in international activities; the influences of economic, political, legal, and cultural environments on international business operations and management. The dynamics of religion, beliefs, language, legal environments, and politics that influence leadership, motivation, communication, ethical concerns, and management decision-making are discussed. This course utilizes case studies and discussions with special emphasis on small and medium businesses as well as new ventures.

Prerequisite(s): BU 211/BUA 211, MKT 241/MKA 241, ECA 273/ECN 273

Grading Method: Letter Grade

Term Typically Offered: Fall

BUA 339 - Business as Mission (3)

This course examines the role of business in missions. The general areas covered in this class are comprised of: 1) the philosophy of business as mission; 2) practical issues related to using business as a method for cross-cultural missions; and 3) an investigation of the spectrum of business models employed. By utilizing case studies, students in the course will have a better understanding of the opportunities and challenges associated with integrating business and missions.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

BUA 391 - Independent Study (1-3)

Independent study projects with required written reports approved and directed by a member of the Business Management faculty.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

BUA 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 410 - Management of Innovation (3)

An introduction to tools and concepts that will help understand the role of emerging technologies, as well as identify opportunities and possibilities for competitive advantage through innovation. Specific topics covered include sources and models of innovation, innovation strategy, and new product development.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

BUA 412 - Organizational Behavior & Structure (3)

This course provides an overview of topics in the field of organizational behavior. Topics covered include leadership, motivation, teamwork, decision processes, conflict, organizational change, and learning. The course will focus on how to improve productivity, job satisfaction, and commitment. Elements of regulatory and legal environment on businesses will also be integrated in the course.

Prerequisite(s): BU 211/BUA 211

Grading Method: Letter Grade

Term Typically Offered: Spring

BUA 413 - Strategic Management Capstone (3)

This is a capstone course for all graduating senior Howard Dayton School of Business majors (juniors by permission). It is designed to provide a collective view of the application of the business theory that has been learned in the core business curriculum. Evaluation of various operational models, formulation of alternative courses of action, and translating objectives and strategy into current operational plans will be reviewed. The course will focus heavily on case analysis and formal presentation.

Prerequisite(s): To be taken senior year. Advisor approval required.

Grading Method: Letter Grade

Term Typically Offered: Spring

BUA 420 - Entrepreneurship: Finance & Venture Capital (3)

This course focuses on the financial aspects of venture creation. Topics include pro forma development and review, business valuation models, cash flow analysis, and raising capital from private investors, venture capitalists, and banks.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 430 - Nonprofit Leadership & Management (3)

This course is a survey of the operational and management practices of non-governmental, nonprofit organizations. There are key features that differentiate nonprofit organizations within organizational design, governance structures, board and community relations, fiscal structures and the regulatory environment. These topics will be covered as they specifically relate to the non-governmental, nonprofit organizations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 435 - Internship (3)

Students work with cooperating organizations to secure a job for on-the-job training in business administration. Students maintain a journal of the work experience, complete a final paper applying theory to practice, and complete an exit interview with the professor. Employers must provide a description of the job responsibilities and agree to the minimum hours requirement as well as completing an evaluation of the student at the end of the internship period.

Prerequisite(s): Completion of the 200-level major core courses and one 300 or higher business course. Consent of the professor must be secured.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

BUA 440 - Nonprofit Fundraising, Grant Writing, & Philanthropy (3)

Revenue generation is critical for the going concern of any non-governmental nonprofit organization. This is accomplished through fundraising, grants, contracts and philanthropic efforts that will be examined during this course. Evaluation of current fundraising strategies and hands-on experience with grant writing are highlights of the course content.

Prerequisite(s): None

Corequisite(s): BUA 441 (MM program)

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 441 - Nonprofit Fundraising, Grant Writing & Philanthropy Lab (1)

(Ministry Management Program) Students will apply fundraising and philanthropy knowledge and strategies to address a real-world problem in their current ministry context in one of the following areas: (1) leveraging volunteer resources, (2) individual solicitation, or (3) corporate/foundation solicitation. All three options will emphasize messaging and communicating vision and value.

Prerequisite(s): None

Corequisite(s): BUA 440

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 445 - Fiscal & Performance Management of a Nonprofit (3)

This course will introduce the requirements of adequate financial systems for nonprofit organizations. This includes the form and content of reports as well as performance management techniques and analysis. It will also focus on understanding how to develop budgets, manage daily fiscal activities, establish internal controls and meet regulatory requirements.

Prerequisite(s): None

Corequisite(s): BUA 446 (MM program)

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 446 - Fiscal/Performance Management NPO Lab (1)

(Ministry Management Program) In conjunction with BUA 445, emphasis is placed on the fiscal management of nonprofit budgets. Applying the concepts in BUA 445, budget reports and performance management metrics will be utilized to analyze and implement a debt reduction strategy for a nonprofit. The development of a fiscally responsible budget, management of daily activities, and the establishment of internal controls will be considered in the implementation of the fiscal strategy.

Prerequisite(s): None

Corequisite(s): BUA 445

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 450 - Community Development (3)

This course surveys key principles and issues in community development both domestically and internationally including methods of community assessment, strategies for identifying, evaluating and implementing community-level initiatives and working with the strengths of the community as a whole.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

BUA 457 - Global Supply Chain Management (3)

The efficient delivery of goods and services from global suppliers is critical to every company and nation. Supply chain management (SCM) is the structured approach for meeting this requirement. Supply chains are systems and processes that transform resources into products and services ranging from automobiles, mobile phones, healthcare, and aerospace to education and software development. Procurement, inventory, transformation, distribution, and transportation all must be managed individually and in concert with each other to achieve corporate goals and objectives. This course provides students with the theory and practice to design, operate, and sustain global supply chains. Application of systems thinking methods and tools will provide students with market-ready skills.

Prerequisite(s): BUA 261

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-even years

Cross-Cultural Engagement

CCE 150 - Cultural Engagement and Responsibility (1)

This course will prepare students to understand their own ethnicity and cultural background. Additionally, students will be equipped to identify cultural realities and be prepared to adapt, understand, and communicate across cultural boundaries. This course brings the mission of Asbury University to equip students for leadership and service to the professions, society, the family and the Church, preparing them to engage their cultures and advance the cause of Christ around the world into clear focus. Finally, this course will prepare students to fulfill their CCE graduation requirement in a culturally responsible way.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

CCE 150EX - Cultural Immersion Experience (0.5)

This requirement will be completed through a domestic or international cultural engagement experience. CCE150 Institutional credit for final 0.5 credits will be awarded upon documented completion.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Credit Only

Chapel

CH 021 - Chapel Attendance (0)

Required each semester for traditional full time undergraduates.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

Chemistry

CHE 104 - Introduction to Forensic Science (4)

Introduction to forensic science. Emphasis is given to the basic principles of scientific investigation, and their application in the forensics. Includes crime scene techniques, ballistics, arson and explosives, blood spatter, blood chemistry, toxicology, soils, trace evidence, chain of custody. Laboratory course, including scientific procedures of observation, developing a hypothesis, experimentation, analysis of results and drawing a conclusion. Satisfies Foundations requirement for science.

Prerequisite(s): None

Corequisite(s): CHE 104L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

CHE 106 - Science of Light & Media (4)

This course presents the science behind the magic of media. It is a scientific survey of understanding in light and matter as it pertains to electronics used in the past and current film media. It specifically investigates the science behind video electronics, film and special effects. Emphasis is placed on the chemical and physical attributes of media to assist in the fundamental understanding of how each area works. This course presents a survey of current knowledge and theories in media. The concept behind this course is to dispel the sense of a "black box". Students interested in film and video will not only comprehend current theories, but understand how technology historically drove these changes, while recognizing future directions. CHE 106/106L satisfies Foundations requirement for science.

Prerequisite(s): None

Corequisite(s): CHE 106L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

CHE 111 - Introductory Chemistry (3)

For non-science majors. Basic concepts of general, organic, and biological chemistry for non-science majors. Topics include electronic structure of atoms and molecules, periodicity of the elements, stoichiometry, states of matter, kinetics, equilibria, acids and bases, organic functional groups, stereochemistry, carbohydrates, lipids, proteins, and enzymes. CHE 111/CHE 113 satisfies Foundations requirement for science.

Prerequisite(s): Math test score of ACT 22/pre-2016 SAT 510 or new 2016 SAT 540, or MAT 118.

Corequisite(s): CHE 113

Grading Method: Letter Grade

Term Typically Offered: Fall

CHE 113 - Introductory Chemistry Lab (1)

For non-science majors register. Laboratory experience designed to complement CHE 111. The laboratory exercises will highlight concepts presented in CHE 111 and are designed to promote the development of laboratory and problem solving skills.

Prerequisite(s): None

Corequisite(s): CHE 111

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

CHE 121 - General College Chemistry I (3)

For science and pre-medical students. An introduction to theory, principles and problem solving in inorganic chemistry. Topics include molecular structure, classification of reactions, stoichiometry, gases, thermochemistry and quantum mechanics. CHE 121/CHE 123 satisfies Foundations requirement for science.

Prerequisite(s): None

Corequisite(s): CHE 123

Grading Method: Letter Grade

Term Typically Offered: Fall

CHE 122 - General College Chemistry II (3)

For science and pre-medical students. A continuation of introductory chemistry. Topics include molecular and intermolecular bonding, rates of reactions, equilibrium, acid-base theory, thermodynamics and electrochemistry.

Prerequisite(s): CHE 121/CHE 123 or equivalent.

Corequisite(s): CHE 124

Grading Method: Letter Grade

Term Typically Offered: Spring

CHE 123 - General College Chemistry Lab I (1)

Laboratory experience designed to complement CHE 121. Reinforces concepts and problem solving skills presented in lecture. In addition, students will analyze data, draw conclusions, and present results in formal written reports.

Prerequisite(s): None

Corequisite(s): CHE 121

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

CHE 124 - General College Chemistry Lab II (1)

Laboratory experience designed to complement CHE 122. Reinforces concepts and problem solving skills presented in lecture. In addition, students will analyze data, draw conclusions, and present results in formal written reports.

Prerequisite(s): CHE 121/CHE 123 or equivalent.

Corequisite(s): CHE 122

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

CHE 221 - Organic Chemistry I (3)

The first half of a two-semester course in organic chemistry. The structure, nomenclature, synthesis and reactions of the alkanes, alkenes, alkynes, and alcohols are studied, along with reaction mechanisms and structure - reactivity relationships.

Prerequisite(s): CHE 122 and CHE 124

Corequisite(s): CHE 223

Grading Method: Letter Grade

Term Typically Offered: Fall

CHE 222 - Organic Chemistry II (3)

The second half of a two-semester course in organic chemistry. The structure, nomenclature, spectroscopy, and reactions of aromatics, ketones and aldehydes, amines, carboxylic acids and acid derivatives are studied, along with reaction mechanisms and structure - reactivity relationships.

Prerequisite(s): CHE 221 and CHE 223

Corequisite(s): CHE 224

Grading Method: Letter Grade

Term Typically Offered: Spring

CHE 223 - Organic Chemistry I Lab (1)

The purpose of this course is for students to learn the laboratory methods and develop the laboratory skills associated with studying organic chemical compounds and their associated reactions. Emphasis is on laboratory techniques.

Prerequisite(s): CHE 122 and CHE 124

Corequisite(s): CHE 221

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

CHE 224 - Organic Chemistry II Lab (1)

The purpose of this course is for students to learn the laboratory methods and develop the laboratory skills associated with studying organic chemical compounds and their associated reactions. Emphasis is on laboratory techniques.

Prerequisite(s): CHE 221 and CHE 223

Corequisite(s): CHE 222

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

CHE 265 - Honors Chemistry (3)

Honors Program course in Chemistry. Course syllabus varies by semester. Equivalent to CHE 111 (lecture only).

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

CHE 300 - Junior Research (2)

Students will, under faculty supervision, design and carry to completion an independent scientific research project of a chemical nature. A research paper must be written at the completion of the project.

Prerequisite(s): CHE 221, CHE 222

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CHE 321 - Analytical Chemistry I (4)

Basic principles, theory, and practice of quantitative analysis, including standard, traditional methods of analysis and instrumental methods of analysis.

Prerequisite(s): CHE 122 /CHE 124

Corequisite(s): CHE 321L
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Every other Fall

CHE 322 - Analytical Chemistry II (4)

Modern theory and techniques of instrumental analysis, covering spectroscopy and chromatography.

Prerequisite(s): CHE 321 or permission

Corequisite(s): CHE 322L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

CHE 361 - Biochemistry (3)

An introduction to cellular chemistry. Includes protein structure and enzyme function, carbohydrate, lipid and amino acid metabolism, nucleic acid synthesis and function and genetic engineering.

Prerequisite(s): CHE 222 and CHE 224, or permission.

Corequisite(s): CHE 363

Grading Method: Letter Grade

Term Typically Offered: Every other spring

CHE 363 - Biochemistry Laboratory (1)

The biochemistry laboratory course includes methods for the isolation, purification, and characterization of proteins, nucleic acids, carbohydrates and lipids, and manipulation of macromolecular structures from databases using contemporary visualization software. Emphasis is on laboratory techniques.

Prerequisite(s): CHE 222 and CHE 224

Corequisite(s): CHE 361

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-odd years

CHE 382 - Inorganic Chemistry (3)

Covers the following areas: 1. Theories of chemical bonding, including molecular orbital theory. 2. Symmetry and group theory, and its application to bonding. 3. Advanced topics in acid-base chemistry. 4. Survey of main group chemistry. 5. Coordination chemistry of the transition metals, including structures, bonding, spectra, and reaction mechanisms. 6. Organometallic chemistry. 7. Bioinorganic chemistry.

Prerequisite(s): CHE 121, CHE 122, CHE 201, CHE 202

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

CHE 383 - Inorganic Chemistry II (4)

Inorganic Chemistry II examines topics of relevance to today's chemists. Covering more interdisciplinary and high impact areas, such as catalysis, biological inorganic chemistry, solid state chemistry, materials chemistry, and nanoscience. Lab required.

Prerequisite(s): CHE 382

Corequisite(s): CHE 383L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

CHE 391 - Independent Study (1-3)

Offered by consent by supervising instructor in the Chemistry Department. A topic is established by negotiations with the instructor. A student may not take more than 6 hours of independent study.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CHE 393 - Seminar (1)

Discussion of selected topics. May be offered in conduction with other departments or as a separate course primarily for Chemistry students.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

CHE 399 - Introduction to Chemical Research (1)

A practical experience which introduces the student to the methods of chemical research and writing. The topic for an independent research project (CHE 400) is chosen and the literature search is initiated.

Prerequisite(s): Junior status and a minimum of 12 hours of chemistry.

Grading Method: Letter Grade

Term Typically Offered: Spring

CHE 400 - Senior Research in Chemistry (1-2)

Required of all chemistry majors. Biochemistry majors take BIO 400 or CHE 400. Students will, under faculty supervision, design and carry to completion an independent scientific research project of a chemical nature. A senior research paper must be written at the completion of the project. 2 credits required, but students may take 1 credit per semester in their senior year.

Prerequisite(s): Senior status and completion of CHE 399

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Fall

CHE 421 - Physical Chemistry I (4)

The first course (421) focuses on chemical thermodynamics and includes the study of gas behavior, the laws of thermodynamics, enthalpy, entropy, free energy, phase and chemical equilibria.

Prerequisite(s): None

Corequisite(s): CHE 421L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

CHE 422 - Physical Chemistry II (3)

The second course (422) covers quantum mechanics, spectroscopy, and chemical kinetics.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

CHE 435 - Internship (3)

A summer undergraduate research experience of at least 6 weeks culminating in a paper on the research.

The research may take place at Asbury or at another institution.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CHE 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CHE 475 - Senior Seminar (1)

Designed to provide practical experience in the oral presentation of a scientific paper. Students will prepare and present a seminar on their research projects (CHE 400).

Prerequisite(s): CHE 400 and senior status

Grading Method: Letter Grade

Term Typically Offered: Spring

Church Music

CHM 210 - Worship in Music (2)

A brief examination of the history and philosophy of church music in its relation to fixed and free forms of Christian worship. Includes study of both Western and non-Western indigenous practices. Open to all students without Pre-requisites.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

CHM 312 - Church Music Administration (2)

A philosophical and practical study of methods and materials used in the administration and leadership of congregational, choral and instrumental music in the church. Open to all students without Pre-requisites.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

CHM 435 - Internship (3)

An internship under the guidance of experienced and qualified church musicians in an approved church music program. It is designed for the student to acquire the practical experience vital to understanding a comprehensive ministry of church music. The internship may also be completed internationally, with the expectation that the student will assume full financial responsibility.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CHM 472 - Songs of the Church (2)

An introduction to the historical and analytical study and utilization of songs intended for Christian worship. The content begins with Biblical songs and progresses to the current time. Open to all students without Prerequisites.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

Chinese

CHN 101 - Elementary Chinese I (3)

An introduction to spoken Chinese with emphasis on listening (especially tones) and speaking, basic vocabulary, and basic reading skills.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CHN 102 - Elementary Chinese II (3)

A review and expansion of spoken Chinese building upon the skills acquired in CHN 101.

Prerequisite(s): CHN 101

Grading Method: Letter Grade

Term Typically Offered: Spring

CHN 151 - Chinese Culture (3)

An introduction to Chinese culture from ancient to modern times. Students will be exposed to the essentials of the geography of China, its music, art, philosophies, and belief systems. The most famous people and events of Chinese history will be studied, along with the country's most important landmarks. Modern China and its place in the contemporary world will also be examined. All readings and discussions in English.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

CHN 201 - Intermediate Chinese (3)

A course to introduce students to the first stages of intermediate proficiency in Chinese. Attention to the development of the skills of speaking, listening, reading, and writing.

Prerequisite(s): CHN 102

Grading Method: Letter Grade

Term Typically Offered: Fall

Classical Languages

CLA 211 - Classical Mythology (3)

An introduction to classical mythology. Close reading of myths as well as the relationship of myth to areas such as art, literature, and religion will be explored. All readings and discussions in English.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CLA 212 - Classical Culture & Civilization (3)

An introduction to classical culture and civilization, and its influence on Western society. All readings and discussions in English.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

CLA 223 - Survey of Classical Literature (3)

An introduction to the major authors, genres, and periods of classical literature. All readings and discussions in English.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

CLA 391 - Independent Study (1-3)

Independent study in a specialized field in consultation with supervising professor. All readings and discussions in English.

Prerequisite(s): Completion of at least one 200-level Classical Languages course and a 3.0 GPA in Classical Languages courses or permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CLA 475 - Senior Seminar (1)

A course for all Ancient Languages majors, in which students are asked to integrate and assess their skills with literature, language, and culture. Required of all Ancient Language majors. All readings and discussions in English.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

Christian Ministries

CM 100 - Ministry & Mission in the Contemporary Church (3)

An examination of various models of the church and its ministry. Contemporary expressions of the church's mission in the world will be explored and compared to Biblical ideas, and students will develop a personal

statement of ministry philosophy. Consideration will be given to the call, qualifications, and roles of ministry leaders.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

CM 201 - Dynamics of Spiritual Growth (3)

A study of the dynamics of Christian growth and maturity, with special emphasis on the Spirit-filled life. Concepts of discipleship and spiritual formation will be considered in the light of human developmental patterns. The course is concerned with students' own spiritual growth, and their facilitation of others' spiritual growth.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

CM 211 - Instructional Bible Study (3)

A Bible study skill course combined with examination and application of appropriate methods and materials for teaching the Bible. Opportunity is given in lab sessions to develop personal skills in teaching and leading small group Bible studies.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

CM 213 - Introduction to Worship (3)

An examination of the history and biblical base of Christian worship, including implications for the role and development of forms of worship in contemporary ministry.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

CM 235 - CM Practicum (1)

Opportunity for observation and practical experience in ministry settings as a means to clarify direction and call to ministry through networking with professionals serving in a ministry role. Periodic class sessions provide opportunity for interaction with peers and reflection on ministry practices. Majors and minors only. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

CM 331 - Principles of Preaching (3)

This course focuses on developing skills for effectively communicating the Christian gospel using a variety of preaching styles. Students will learn principles for planning, preparing, and delivering messages that are biblically sound and relevant to the needs of our ever-changing culture. Some class sessions will serve as labs for practicing these principles in a context of cooperative learning.

Prerequisite(s): OT 100 and NT 100

Grading Method: Letter Grade

Term Typically Offered: Fall

CM 361 - Worship Through the Ages (3)

A study of worship through the lenses of Scripture and Christian history, with an emphasis on developing theological reflection skills regarding worship practices. Students develop their own philosophy of congregational worship.

Prerequisite(s): CM 213 or WA 101

Grading Method: Letter Grade

Term Typically Offered: Spring

CM 380 - Organizational Strategies in Ministry (3)

A study of organizational strategies and administrative structures for effective ministry. Attention is given to planning, implementing and evaluating the organizational and administrative framework of various types of ministries.

Prerequisite(s): CM 100

Grading Method: Letter Grade

Term Typically Offered: Fall

CM 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in Christian ministry. The preparation of a scholarly paper is included. May be repeated.

Prerequisite(s): EM 280, senior status

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CM 393 - Seminar (1-3)

The study of various issues and fields of Christian ministry, with special emphasis on trends and issues of contemporary ministry. Topics will be determined and announced for each semester the seminar is offered. (Not more than 4 hours of seminar credit may count towards a CSP department major or minor. Admission by departmental permission only.)

Prerequisite(s): CM 100

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

CM 411 - Leadership in Ministry (3)

A survey of foundational principles of leadership and leadership development in ministry settings. Students develop personal leadership skills relating to team ministry.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

CM 435 - Internship (3-4)

The application of ministry principles in an actual ministry setting, supervised by appropriate ministry personnel.

Prerequisite(s): Either EM 340, 350, or EM 360 (whichever is appropriate to the internship situation), and CM 380; JR/SR status; major/minor only.

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Contract course offering

CM 475 - Senior Seminar (3)

A reflection upon the entire field of Christian Ministries with specific orientation toward the evaluation of experience and the setting of goals for future ministry. Senior majors and minors only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

Communication

CMA 200 - Agency Practicum (1)

Provides Communications majors and minors with hands-on application of the concepts and skills they are learning in the classroom. Provides real-world experience in working with clients and in creating a professional setting. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

CMA 251 - Intercultural Communication (3)

Focuses on introducing the fundamental topics, theories and theorists, cultural values models, concepts and themes that are at the center of research in intercultural communication. The application of that information will focus on identifying, understanding, and being able to effectively apply knowledge so as to increase one's cultural intelligence, particularly in the educational and business world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CMA 261 - Social Media & Emerging Technologies (3)

This course is organized around three overarching questions. First - what are social media and emerging technologies? Second - what are the effects of social media on the individual and society? Third - how can these technologies be used strategically, ethically and in line with a Christian worldview? Given the ubiquity of social media in contemporary society, answering these questions satisfactorily is important for our personal, professional, and spiritual well-being.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CMA 271 - Introduction to Communication Theory (3)

An introductory, yet diversified, examination of various theories analyzing and describing the human communication process from different perspectives. Systematic examination of models, structural components, content, audiences and effects of communication and their interaction.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

CMA 281 - Public Relations Theory & Practice (3)

Introduces students to public relations and then lets the class put its skills into practice by operating as its own PR firm. Covers essential topics such as the importance of PR to society, ethical dilemmas, theories, crisis planning, working in cross-cultural environments and the future of PR. Students produce press releases, communication plans, and presentations.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

CMA 301 - Health Communication (3)

This course focuses on the growing field of health communication. Building on students' knowledge of communication - public relations, branding, journalism and social media marketing - this class aims to help students understand how to create content and target audiences specific to the public health field. Through readings, case studies, guest speakers and field trips, the class is designed to provide an overview of what health communicators do and where they work.

Prerequisite(s): Completion of Health Care Core.
Grading Method: Letter Grade
Term Typically Offered: Spring

CMA 301 - Health Communication (3)

This course focuses on the growing field of health communication. Building on students' knowledge of communication -public relations, branding, journalism and social media marketing -this class aims to help students understand how to create content andtarget audiences specific to the public health field. Through readings, case studies, guest speakers and field trips, the class is designed to provide an overview of what health communicators do and where they work.

Prerequisite(s): Completion of Health Care Core
Corequisite(s): None
Contract Course: No
Grading Method: Letter Grade
Fee: No
Term Typically Offered: Spring

CMA 342 - Communication Campaigns (3)

Examines the intentional communication processes designed to influence a designated audience over a specific period of time. Communication processes such as campaign cycles, campaign development and maintenance, and campaign strategies for commercial, political, and social action campaigns.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Fall

CMA 435 - Internship (1-6)

A supervised, work experience of one academic semester with a previously approved business firm, private, academic, or government agency. Work experience of 120 hours will be expected plus a journal and final paper.

Prerequisite(s): Junior standing, Communication major, 12 hours completed within the major, and departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

CMA 461 - Social Media Marketing (3)

The growth of social media channels and applications have changed how business conducts marketing, especially how business communicates with and interacts with consumers. This course introduces students to strategic marketing approaches needed to develop an effective social media marketing strategy for meeting organizational goals. Students will learn social media research, planning, implementation, measurement, best social media practices, and how to create successful programs and campaigns. Students will also execute a social marketing strategy, contribute to a course blog, conduct a 3-week social media campaign for a real client, and create a digital presentation analyzing their experience.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

CMA 475 - Senior Seminar (1)

Designed to prepare communication arts students for entrance into the professional world. Topics include pursuing advanced degrees, developing a resume and portfolio, and developing a strategy for future employment in communication related fields.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

COM 130 - Public Speaking & Media Influence in Culture (3)

Students develop their public speaking and critical thinking skills by examining how mass oratory and media impact culture. Students will hone their public speaking skills by preparing, adapting, delivering, and evaluating oral presentations. The course analyzes contemporary messages and systems of meaning in traditional and digital forms of popular media. Emphasis on recognizing media's impact on cultural formation, and the development of the critical tools necessary to recognize and engage worldviews embedded in media and messages. Students move beyond being passive consumers of media to being active, thoughtful, and ethical communicators in today's participatory media culture.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring, Summer

COM 200 - Agency Practicum (1)

Provides Communications majors and minors with hands-on application of the concepts and skills they are learning in the classroom. Provides real-world experience in working with clients and in creating a professional setting. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

COM 220 - Interpersonal Communication (3)

Interpersonal communication impacts the nature of all our relationships. This course explores the role of communication in the construction of the self, our perception of reality, relational development and deterioration, friendships and family, and in conflict management.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

COM 221 - Narratives & Ideologies of Film, TV & Theater (3)

Stories shape society, and the medium used shapes the stories. Blends mass media and narrative theory with theology as it looks at how stories are told in film, various television genres, radio, newspapers, magazines, and advertising. Emphasis given to understanding what Hollywood teaches theologically, how mass media stories shape modern culture, and then analyzing and creating stories for moral purposes.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

COM 230 - Leadership Skills (3)

Individual leadership potential is best understood by exploring leadership principles and practicing day-to-day leadership skills. Leadership study and practice includes discussing the academic literature on leadership. Also, individual and practical leadership will be examined on three levels: 1) personal leadership, 2) relational leadership, and 3) the leader as social architect.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

COM 251 - Intercultural Communication (3)

Focuses on introducing the fundamental topics, theories and theorists, cultural values models, concepts and themes that are at the center of research in intercultural communication. The application of that information will focus on identifying, understanding, and being able to effectively apply knowledge so as to increase one's cultural intelligence, particularly in the educational and business world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

COM 261 - Social Media & Emerging Technologies (3)

This course is organized around three overarching questions. First - what are social media and emerging technologies? Second - what are the effects of social media on the individual and society? Third - how can these technologies be used strategically, ethically and in line with a Christian worldview? Given the ubiquity of social media in contemporary society, answering these questions satisfactorily is important for our personal, professional, and spiritual well-being.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

COM 265 - Honors Communication (3)

Honors Program course in Communication. Course syllabus varies by semester. Equivalent to COM 150 .

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

COM 271 - Introduction to Communication Theory (3)

An introductory, yet diversified, examination of various theories analyzing and describing the human communication process from different perspectives. Systematic examination of models, structural components, content, audiences and effects of communication and their interaction.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

COM 281 - Public Relations Theory & Practice (3)

Introduces students to public relations and then lets the class put its skills into practice by operating as its own PR firm. Covers essential topics such as the importance of PR to society, ethical dilemmas, theories, crisis planning, working in cross-cultural environments and the future of PR. Students produce press releases, communication plans, and presentations.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

COM 301 - Health Communication (3)

This course focuses on the growing field of health communication. Building on students' knowledge of communication - public relations, branding, journalism and social media marketing - this class aims to help students understand how to create content and target audiences specific to the public health field. Through readings, case studies, guest speakers and field trips, the class is designed to provide an overview of what health communicators do and where they work.

Prerequisite(s): Completion of Health Care Core.

Grading Method: Letter Grade

Term Typically Offered: Spring

COM 301 - Health Communication (3)

This course focuses on the growing field of health communication. Building on students' knowledge of communication -public relations, branding, journalism and social media marketing -this class aims to help students understand how to create content andtarget audiences specific to the public health field. Through readings, case studies, guest speakers and field trips, the class is designed to provide an overview of what health communicators do and where they work.

Prerequisite(s): Completion of Health Care Core

Corequisite(s): None

Contract Course: No

Grading Method: Letter Grade

Fee: No

Term Typically Offered: Spring

COM 331 - Group Communication & Leadership (3)

The course is a study of the structure and dynamics of small groups with participation in the specialized forms of group discussion. Students will learn about the dynamics of group interaction with emphasis on leadership, subordinate participation, and problem solving, to encourage efficient and productive small group discussions.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

COM 340 - Researching the Big Idea (4)

This is a course introducing students to communication research methods. Students will hone skills in textual analysis, ethnographic research, focus groups, in-depth interviews, content analysis, survey design, and statistical analysis. Honing research question, conducting a literature review, reliability, validity, and systems of measurement will be explored. Students will use grounded theory to explore research design and theory testing.

Prerequisite(s): None

Corequisite(s): COM 340L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

COM 342 - Communication Campaigns (3)

Examines the intentional communication processes designed to influence a designated audience over a specific period of time. Communication processes such as campaign cycles, campaign development and maintenance, and campaign strategies for commercial, political, and social action campaigns.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

COM 351 - Persuasion (3)

This course examines persuasion and influence from both scientific and psychological perspectives. Basic persuasion tactics that are effective in changing attitudes and behaviors are examined in a variety of situations, and students apply learned techniques. Emphasis is also placed on learning from society's masters of communication: commercial advertisers, experienced social action activists, and the political elite.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

COM 375 - Junior Seminar (1)

[same as MC 375] Designed to prepare communication arts students for entrance into the professional world. Topics include pursuing advanced degrees, developing a resume and portfolio, and developing a strategy for future employment in communication related fields.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

COM 391/491 - Directed Study (1-3)

A directed and supervised investigation of a selected research problem or issue in the field of applied communication. Reading and preparation of a scholarly paper or special project is included. Juniors may take 391, seniors 491. Course credit for the major may be received only once.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

COM 392 - Directed Study (1-3)

An upper level directed and supervised investigation of a selected research problem or issue in the field of applied communication. Reading and preparation of a scholarly paper or special project is included. Course credit for the major may be received only once.

Prerequisite(s): Junior standing.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

COM 393 - Seminar (1-3)

The study of various issues in the fields of communication and theatre arts, with special emphasis on trends and issues of contemporary communication. Topics will be determined and announced for each semester the course is offered.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

COM 431 - PR Management & Strategy (3)

This advanced PR course challenges students with case studies and familiarizes them with strategic management tools such as media monitoring, crisis planning, content analysis and questionnaire development. Students pick a client and act as their PR agency, with an emphasis placed upon media interaction and training.

Prerequisite(s): COM 281

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-even years

COM 435 - Internship (1-6)

A supervised, work experience of one academic semester with a previously approved business firm, private, academic, or government agency. Work experience of 120 hours will be expected plus a journal and final paper.

Prerequisite(s): Junior standing, Communication major, 12 hours completed within the major, and departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

COM 461 - Social Media Marketing (3)

The growth of social media channels and applications have changed how business conducts marketing, especially how business communicates with and interacts with consumers. This course introduces students to strategic marketing approaches needed to develop an effective social media marketing strategy for meeting organizational goals. Students will learn social media research, planning, implementation, measurement, best social media practices, and how to create successful programs and campaigns. Students will also execute a social marketing strategy, contribute to a course blog, conduct a 3-week social media campaign for a real client, and create a digital presentation analyzing their experience.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

COM 492 - Directed Study (1-3)

A senior level directed and supervised investigation of a selected research problem or issue in the field of applied communication. Reading and preparation of a scholarly paper or special project is included. Course credit for the major may be received only once.

Prerequisite(s): Senior standing.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Conducting Music

CON 311 - Conducting I (2)

Study of the fundamentals of conducting.

Prerequisite(s): MTH 112

Grading Method: Letter Grade

Term Typically Offered: Fall

CON 312 - Conducting II (2)

Course will include conducting skills with baton and the study of orchestral and band scores. Score reading, score study, aural skill development, interpretation, style and rehearsal techniques are all part of the study. Members of the class serve as the laboratory ensemble.

Prerequisite(s): CON 311

Grading Method: Letter Grade

Term Typically Offered: Spring

China Semester Abroad

CSA 301 - Christianity & Chinese Culture (3)

Explores the development and characteristics of Chinese culture in comparison with Christianity. This course is essential for understanding and appreciating the Chinese mind today, and thus to enlighten contemporary dialogue among religious traditions.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

CSA 302 - Area Study: China (3)

A survey of China as revealed through history, literature, business, geography, popular culture and the arts.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

CSA 304 - Dynamics of Cross-Cultural Ministry (3)

This course provides the key rubrics in preparation for total emersion in non-Western settings. Interdisciplinary in approach, this course marshals the disciplines of intercultural communication, applied anthropology, and contextualization to cultivate the empathy needed to minimize misunderstandings and judgments that bred xenophobia and mistrust. Students will be equipped for the various ministries in which they will be involved during the semester.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

Computer Science

CSC 121 - Programming for Computational Mathematics and Data Science I (4)

Focuses on problem solving and algorithm development, learning a high-level language, and how to design, code, test, and document a program using standard programming techniques. Programming tasks are chosen from computational mathematics and/or data science.

Prerequisite(s): None

Corequisite(s): CSC 121L

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

CSC 122 - Programming for Computational Mathematics and Data Science II (4)

Continuation of CSC 121. Further development of programming skills, algorithmic analysis, elementary data structures. More applications from computational mathematics and data science.

Prerequisite(s): CSC 121

Corequisite(s): CSC 122L

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

Digital Content Creation

DCA 101 - Introduction to Digital Content Creation (1)

An introduction to digital content creation that gives students an overview to the creativity, networking and practices in this complex expanding industry. Students will also learn what skills are needed and how Asbury's Christian tradition and liberal arts foundation can inform their future projects.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

DCA 264 - Project Development & Distribution (3)

This course focuses on the development of video, marketing, and larger social media content. It will show students how to impact, address, and connect with their audience before shooting begins. Students will learn how to take an idea, hone the story, and present it in a professional manner to employers, clients, or investors in order to achieve their production goals. Students will also learn how to find and utilize the best outlet for distribution for their project. Learning will center around market research, networking, and industry best practices.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

DCA 435 - Internship (1-6)

Digital online creation related industry experience under the auspices of a cooperating organization, with paper submitted detailing internship experiences. May take twice for credit.

Prerequisite(s): Junior/senior standing, 12 hour completed within major, and departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

DCA 490 - Capstone Project (3)

This project should demonstrate the student's knowledge and application of their production skills, research, theory, practice and technology. The project will represent the student's ability to analyze, develop, and design online content at a professional level. This faculty-supervised project could include any type of digital online creation including videos, animation, graphic design and a website.

Prerequisite(s): Senior standing

Grading Method: Letter Grade

Term Typically Offered: Spring

DCC 264 - Project Development & Distribution (3)

This course focuses on the development of video, marketing, and larger social media content. It will show students how to impact, address, and connect with their audience before shooting begins. Students will learn how to take an idea, hone the story, and present it in a professional manner to employers, clients, or investors in order to achieve their production goals. Students will also learn how to find and utilize the best outlet for distribution for their project. Learning will center around market research, networking, and industry best practices.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

Economics

ECA 272 - Introduction to Microeconomics (3)

This course will explore questions such as "How do people make decisions?", "Do businesses maximize profits?", "Do markets work?", and "What role should the government have in the economy?" The workhorse model of microeconomics, supply and demand, will be used to analyze consumer decisions, minimum wage laws, price controls, taxes and numerous other economic scenarios.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ECA 273 - Introduction to Macroeconomics (3)

This course is a study of the big-picture national outcomes such as economic growth, inflation, unemployment and the national debt. Major public programs such as Social Security, Medicare and taxes will be evaluated, including their future viability. The roles of Congress and the Federal Reserve in shaping the economy will be analyzed from both Keynesian and Classical perspectives.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ECN 265 - Honors Economics (3)

Honors Program course in Economics. Course syllabus varies by semester. Equivalent to ECN 273.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

ECN 272 - Introduction to Microeconomics (3)

This course will explore questions such as "How do people make decisions?", "Do businesses maximize profits?", "Do markets work?", and "What role should the government have in the economy?" The workhorse model of microeconomics, supply and demand, will be used to analyze consumer decisions, minimum wage laws, price controls, taxes and numerous other economic scenarios.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ECN 273 - Introduction to Macroeconomics (3)

This course is a study of the big-picture national outcomes such as economic growth, inflation, unemployment and the national debt. Major public programs such as Social Security, Medicare and taxes will be evaluated, including their future viability. The roles of Congress and the Federal Reserve in shaping the economy will be analyzed from both Keynesian and Classical perspectives.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ECN 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in economics, including the preparation of a scholarly paper. A student may not take more than four (4) hours of independent study.

Prerequisite(s): Permission of instructor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

ECN 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. Credit may be given more than once.

Prerequisite(s): None

Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

Education

ED 200 - Introduction to Education (2)

An introduction to the historical and contemporary dynamics of education in America. Topics of study include the philosophies and theories of education, legal implications, teacher organizations, career opportunities, learning styles relevant to varying cultures, and the significance of participatory democracy. This introductory course includes opportunities for working with experienced teachers in school classrooms in the area of intended major.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

ED 201 - Structured Inquiry Clinical-Based Experience (1)

This clinical experience component is designed to enhance the initial School of Education cluster of courses. It has been designed to give prospective teacher education candidates an opportunity for initial exposure to classrooms in the public schools. Candidates will spend 60 clinical hours in a variety of authentic settings. A significant portion of this clinical experience is designed to facilitate our candidates' ability to work in schools with a high population of P-12 diverse students.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

ED 220 - Technology for Education (2)

Introduction to the 21st Century Teaching Skills, as to the value and use of multiple apps and strategies for integrating technology in instruction. These skills include, but are not limited to, iTools, instructional videos, podcasts, interactive whiteboards, multimedia, and web development tools to be used in the educational setting to facilitate student learning, student assessment and professional productivity.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

ED 225 - Assistive Technologies for Special Populations (1)

An array of basic technology skills will be included to facilitate the education of students with disabilities. Technological experiences will include: authoring software, interactive electronic presentation device/software and an assistive technology workshop.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

ED 230 - Human Growth & Development (2)

A study of the physical, emotional, social, cognitive, and moral aspects of human development through the life span including birth, childhood, adolescence, and adulthood, and their interaction with environmental and cultural influences pertaining to elementary and secondary school teachers.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 262 - Social Studies Content (P-5) (3)

Provides an overview of the content in social studies that elementary teachers need in order to deliver the instruction and assess that content in the K-5 grades. Candidates will be presented this content through the Kentucky Academic Standards and other resources. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 263 - Science Content (P-5) (3)

Provides an overview of the content in science that elementary teachers need to deliver instruction and assess that content in the K-5 grades. Candidates will be presented this content through the Kentucky Academic Standards and other resources. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 276 - Arts & Humanities and Practical Living/Vocational in The Elementary Classroom (2)

Provides an overview of the content in arts, humanities, and practical living that teachers need in order to deliver the instruction and assess that content needed in the K-5 grades. Some of the content included in these areas is music, drama, visual arts, dance, safety, careers, and health. Candidates will be presented this content through the Kentucky Academic Standards in the areas of arts and humanities and practical living and learn the methodology in these content areas for instructional design and assessment. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

ED 290 - Facilitating EL Student Success (3)

This course addresses methods of assessment for teaching English Learners (EL) with an emphasis on a systemic assessment process as well as ethical and intercultural sensitivity. Students will be introduced to criteria to ensure consistent identification of EL students, as well as to determine their eligibility, placement, and duration of programs and services based on English language proficiency assessment. Candidates will acquire knowledge and skills related to language proficiency assessments that are linked to the Kentucky Academic Standards, appropriate standardized assessments, and formative and summative assessments used for English Learners. Candidates will be prepared to analyze assessment results to create intervention plans and to design instruction and monitor progress for English Learners.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

ED 300 - Guided Inquiry Clinical-Based Experience / Elementary (0.5)

This clinical field experience component is designed to enhance the School of Education's elementary methods courses. ED 300 provides teacher education candidates an initial opportunity to demonstrate their ability to plan and implement inquiry-based instruction with elementary students. This course is repeated once and taken concurrently with the two semesters of methods courses. Must be taken twice for Credit.

Prerequisite(s): Admission to the Teacher Education Program.
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring

ED 301 - Guided Inquiry Clinical-Based Experience (1)

This clinical experience component is designed to enhance the School of Education's cluster of Secondary, Middle School, and P-12 methods courses. ED 301 provides teacher education candidates an initial opportunity to demonstrate their ability to plan and implement inquiry-based instruction with P-12 students.

Prerequisite(s): Admission to the Teacher Education Program.
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

ED 320 - Exceptional Learner in the General Education Classroom (3)

An introduction to the various contemporary areas of special education focused on the learning needs of students with disabilities (including intellectual, behavioral, physical, or sensory disabilities) and students identified as gifted and talented. Emphasis will be placed on the principles and procedures for educational programs to accommodate students with disabilities in inclusive settings.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

ED 330 - Behavioral Intervention of Students with Learning and Behavior Disabilities (3)

Offers principles and techniques for managing the behavior of children and youth with disabilities. Preventive, supportive, and corrective techniques are included. The course focuses on the development of management plans that provide positive behavior supports for P-12 students. [previously 2 credits]

Prerequisite(s): Admission to the Teacher Education Program.
Corequisite(s): ED 300
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

ED 332 - Collaboration & Advocacy for Special Populations (3)

Focuses on collaborative models and appropriate techniques for cooperative working relationships in the school setting. Pertinent legislation and issues of advocacy for the student, parent, and teacher will be

explored and applied to current principles for the development of educational programming for students with disabilities.

Prerequisite(s): ED 320, and admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 334 - Early Childhood Education of Special Populations (3)

Overview of the special needs of young children including the discussions of historical and empirical support for providing early intervention services; assessment, instructional methodologies, family involvement and including children with and without disabilities. Attention will be given to assessing and assisting achievement of cognitive, language, social, and motor skills.

Prerequisite(s): ED 320 and admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 338 - Introduction to Students with Learning and Behavior Disabilities (3)

The learning, behavioral, and emotional problems of children and youth are explored in the context of theory, etiology, assessment, and practice. Issues of educational programming and community agency support are considered.

Prerequisite(s): ED 320 and admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 341 - Reading and Language Arts Methods & Materials (P-5) (3)

A study of current English language arts methods and materials for teaching with an emphasis on culturally responsive instructional strategies for the optimal language learning growth for all primary students related to the developmental stages of handwriting, spelling, grammar, and composition.

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): ED 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 342 - Reading Methods & Content (P-5) (3)

Direct approaches to the teaching of reading, including phonemic awareness, phonics, vocabulary, fluency, and comprehension. This course includes an emphasis on the development of and teaching strategies of reading. [previously 2 credits]

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): ED 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 343 - Language & Literacy Development (3)

Teacher candidates will learn how children develop language and literacy from birth on. Learning about popular theorists and theories will help inform teacher candidates on the literacy development of children and how those development processes play a role in the child's ability to learn literacy.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 344 - Advanced Teaching of Reading (3)

Teacher candidates will take an in depth look at the methods used to teach phonemic awareness, phonics, word study, and fluency. Teacher candidates will demonstrate how to design sound instruction and develop on-going lessons from the various components of reading.

Prerequisite(s): ED 341, ED 342

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 345 - Reading Comprehension (3)

Teacher candidates will spend a semester learning comprehension strategies students need in order to be strategic and successful readers. These strategies will be created and designed in lesson plans, as well as executed in micro-teaching exercises.

Prerequisite(s): ED 341, ED 342

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 346 - Teaching Writing (3)

Teacher candidates will learn evidence-based strategies to implement when teaching writing to elementary-aged students. This course is designed to enhance what was learned from previous education literacy courses, in order to understand the writing process, how to help students be successful writers, how to complete written research, and how to publish written work.

Prerequisite(s): ED 341

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 350 - Literacy Assessment (P-5) (3)

An introduction for preservice teachers to understand the methods of literacy assessments. The reading interests and needs of readers are considered, and primary emphasis will focus on the study of current methods and materials useful in analyzing assessments to make data-based decisions to instruct students in reading. Time is given to actual in-school diagnosis and remediation of readers that focuses on impact on student learning and culminates in a literacy work sample.

Prerequisite(s): ED 341 and ED 342

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 360 - Social Studies Methods & Materials (P-5) (3)

Exploration of methods, materials, and motivational techniques in teaching social studies at the elementary level. Social studies instructional skills are developed through clinical laboratory experiences. Time is given to developing lesson plans.

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): ED 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 382 - Science Methods & Content (P-5) (3)

The main purpose of this course is to equip the future elementary teacher with appropriate methods, materials, and motivational techniques for the teaching of science. Students will begin to understand what is the nature of science, what are appropriate expectations for learning in elementary science, what are exemplary teaching and assessment practices that support science programs, and what are available materials and resources for the teaching of science.

Prerequisite(s): Admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 385 - Reading and Writing Across the Curriculum (P-12, Middle School and Secondary Education majors) (3)

Establishes methods and techniques for Middle, Secondary, and P-12 teachers to enhance reading and writing in the discipline. Includes an overview of the various aspects of the reading process and discusses the specialized disciplinary literacy demands of reading and writing in the content area.

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): ED 301

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 393 - Seminar (3)

Seminars, cross-cultural experiences and special extended field experiences supervised by faculty, with appropriate reading and assessment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

ED 395 - Extended Clinical-Based Experience (1-3)

This course extends the clinical field experiences currently integrated within each of the education majors. It will (a) assist the student to connect theory & practice; (b) provide a sense of flow and schedule for a typical school day; (c) enable in-depth and extended interaction with classroom teachers and students, and (d) help the student apply content from methods classes in lesson planning & teaching. Students are involved in planning for and implementing lessons for both small and whole group instruction. This course also enables candidates who desire additional experiences in urban settings or with students who have diverse learning needs to have those opportunities. Offered as needed.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Contract course offering

ED 401 - Open Inquiry Clinical-Based Experience (1)

This clinical-based experience is designed to enhance the School of Education's third cluster of courses. Candidates must complete ED 401 the semester PRIOR to Student Teaching to complete a year-long clinical experience. ED 401 gives teacher education candidates a culminating opportunity to demonstrate their ability to plan, implement, assess, and analyze the inquiry-based instruction.

Prerequisite(s): ED 300 or ED 301
Corequisite(s): ED 405, ED 410, and ED 428
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

ED 405 - Learning Performance & Assessment (3)

Designed to examine classical learning theories of motivation and cognitive development of human behavior. Future teachers will be trained to interpret the results of standardized achievement tests, create performance-based assessment items, develop teacher-made tests which take into account a student's individual approaches to learning, and analyze the impact on student learning. An assessment work sample which incorporates a skill set of instructional design, standard-based, unit planning, integration of formative and summative assessment measuring analysis of student learning is a requirement for the course.

Prerequisite(s): ED 300 or ED 301
Corequisite(s): ED 401
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

ED 410 - Classroom Management (3)

Examination of basic discipline technologies for students. Course emphases will include practical application of effective classroom environments, appropriate selection of management technologies for behavioral remediation, effective teaching styles and teacher behavior, efficient observation and conferencing skills.
[previously 2 credits]

Prerequisite(s): Admission to the Teacher Education Program.
Corequisite(s): ED 300 or ED 301
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

ED 415 - Assessment for Special Education (3)

This course provides instruction on the various forms of assessment used by a special educator including; administration of standardized individual achievement assessments, techniques for monitoring student progress and Individualized Education program goals and various forms of curriculum-based measures. To demonstrate test administration, interpretation and data analysis of curriculum-based measures, candidates will complete a clinical work sample.

Prerequisite(s): ED 320, ED 330, ED 332, ED 334, ED 338
Corequisite(s): ED 416
Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 416 - Methods for Special Populations (3)

This course focuses on direct instruction and student-oriented methodologies for students with mild disabilities. Emphasis will be placed on metacognitive strategies, appropriate and non-intrusive accommodations, and seamless transitions for collaborative and inclusive settings. Instructional methodologies that support student achievement in the general core knowledge will be included. An instructional work sample will provide evidence of the candidate's competence in designing and accommodating instruction.

Prerequisite(s): ED 320, ED 330, ED 332, ED 334, ED 338

Corequisite(s): ED 415

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 418 - Teaching English as a Second Language Methods and Culture (3)

Addresses current methods and materials for teaching English as a Second Language with a particular emphasis on culturally responsive instruction. Focuses on theory made practical with a strong emphasis on ethical and intercultural sensitivity. Includes practicum experiences to ensure classroom confidence and success.

Prerequisite(s): ENG 200, ENG 331, ENG 335, ENG 336.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 419 - ESL Methods II/Assessment (3)

Addresses methods of assessment for teaching English Language Learners (ELL) with an emphasis on a systemic assessment process as well as ethical and intercultural sensitivity. Students will be introduced to criteria to ensure consistent identification of EL students, as well as to determine their eligibility, placement and duration of programs and services based on English language proficiency assessment. Candidates will acquire knowledge and skills related to language proficiency assessments that are linked to the Kentucky Academic Standards, appropriate standardized assessments and formative and summative assessments used for English Learners. Candidates will be prepared to analyze assessment results to create intervention plans and to design instruction and monitor progress for English Learners. This course is designed to provide methods for assessing the effectiveness of school-based language instructional programs to inform future program improvements.

Prerequisite(s): ED 418

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 420 - Content Methods (3)

Courses by Subject: Art, Biological Science, Chemistry, English, Health/PE, World Language (P-12), Mathematics, Middle School, and Social Studies. The study of methods and materials used in current education and to develop skills in relating these to the teaching-learning process. Aims and objectives for teaching a specific discipline are included as well as courses of study, unit and lesson plans, assessment, and use of equipment.

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): ED 301, ED 424
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

ED 424 - Content Methods Lab (1)

An experiential laboratory to support the application of ED 420 Content Methods.

Prerequisite(s): Admission to Teacher Education.

Corequisite(s): ED 420

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 428 - Interventions for Differentiation (3)

The course focus is the teacher's role in creating collaborative structures that provide interventions to ensure the learning for each child. Candidates will analyze Response to Intervention (RTI) for students, as well as analyze and assess effective collaboration models for English Language Learners (ELL) and students with exceptionalities. To ensure the needs of all students can be met in the regular education classrooms, students will acquire an understanding of language acquisition theories and research-based practices for English Learners. [previously 2 credits]

Prerequisite(s): ED 300 or ED 301

Corequisite(s): ED 401

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ED 498 - Student Teaching: Professional Clinical-Based Component (3-12)

Within the professional semester, there will be two components to support and guide the beginning educator. Component I, "Integration and Reflection Forums," is a series of 5-7 seminars that focus on practical insights gained through authentic learning during student teaching. Component II involves a minimum of 70 academic days of full-time assignment in an accredited school to observe, to participate, and to teach in classroom settings with special emphasis on the impact of student learning. [All education majors register for a minimum of 12 credits in 498 and 499 student teaching.]

Prerequisite(s): Candidates must have successfully completed all GATE 3 requirements, and ISTEPS (Student Teacher Engaging Professional Seminar) a multi-component preparatory seminar held prior to the start of the academic semester. ISTEPS focuses on teaching objectives, classroom procedures, motivation techniques and legal implications for classroom teachers. Successful completion of ISTEPS is a Pre-requisite to student teaching.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ED 499 - Student Teaching: Professional Clinical-Based Component (3-12)

Within the professional semester, there will be two components to support and guide the beginning educator. Component I, "Integration and Reflection Forums," is a series of 5-7 seminars that focus on practical insights gained through authentic learning during student teaching. Component II involves a minimum of 70 academic days of full-time assignment in an accredited school to observe, to participate, and to teach in classroom settings with special emphasis on the impact of student learning. [All education majors register for a minimum of 12 credits in 498 and 499 student teaching.]

Prerequisite(s): Candidates must have successfully completed all GATE 3 requirements, and ISTEPS (Student Teacher Engaging Professional Seminar) a multi-component preparatory seminar held prior to the start of the academic semester. ISTEPS focuses on teaching objectives, classroom procedures, motivation techniques and legal implications for classroom teachers. Successful completion of ISTEPS is a Pre-requisite to student teaching.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 200 - Introduction to Education (2)

An introduction to the historical and contemporary dynamics of education in America. Topics of study include the philosophies and theories of education, legal implications, teacher organizations, career opportunities, learning styles relevant to varying cultures, and the significance of participatory democracy. This introductory course includes opportunities for working with experienced teachers in school classrooms in the area of intended major.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

EDA 201 - Structured Inquiry Clinical-Based Experience (1)

This clinical experience component is designed to enhance the initial School of Education cluster of courses. It has been designed to give prospective teacher education candidates an opportunity for initial exposure to classrooms in the public schools. Candidates will spend 60 clinical hours in a variety of authentic settings. A significant portion of this clinical experience is designed to facilitate our candidates' ability to work in schools with a high population of P-12 diverse students.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

EDA 220 - Technology for Education (2)

Introduction to the 21st Century Teaching Skills, as to the value and use of multiple apps and strategies for integrating technology in instruction. These skills include, but are not limited to, iTools, instructional videos, podcasts, interactive whiteboards, multimedia, and web development tools to be used in the educational setting to facilitate student learning, student assessment and professional productivity.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

EDA 230 - Human Growth & Development (2)

A study of the physical, emotional, social, cognitive, and moral aspects of human development through the life span including birth, childhood, adolescence, and adulthood, and their interaction with environmental and cultural influences pertaining to elementary and secondary school teachers.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

EDA 262 - Social Studies Content (P-5) (3)

Provides an overview of the content in social studies that elementary teachers need to deliver instruction and assess that content in the K-5 grades. Candidates will be presented this content through the Kentucky Academic Standards and other resources. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 263 - Science Content (P-5) (3)

Provides an overview of the content in science that elementary teachers need to deliver instruction and assess that content in the K-5 grades. Candidates will be presented this content through the Kentucky Academic Standards and other resources. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDA 276 - Arts & Humanities and Practical Living/Vocational in The Elementary Classroom (2)

Provides an overview of the content in arts, humanities, and practical living that teachers need in order to deliver the instruction and assess that content needed in the K-5 grades. Some of the content included in these areas is music, drama, visual arts, dance, safety, careers, and health. Candidates will be presented this content through the Kentucky Academic Standards in the areas of arts and humanities and practical living and learn the methodology in these content areas for instructional design and assessment. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

EDA 290 - Facilitating EL Student Success (3)

This course addresses methods of assessment for teaching English Learners (EL) with an emphasis on a systemic assessment process as well as ethical and intercultural sensitivity. Students will be introduced to criteria to ensure consistent identification of EL students, as well as to determine their eligibility, placement, and duration of programs and services based on English language proficiency assessment. Candidates will acquire knowledge and skills related to language proficiency assessments that are linked to the Kentucky Academic Standards, appropriate standardized assessments, and formative and summative assessments used for English Learners. Candidates will be prepared to analyze assessment results to create intervention plans and to design instruction and monitor progress for English Learners.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 300 - Guided Inquiry Clinical-Based Experience / Elementary (0.5)

This clinical experience component is designed to enhance the School of Education's elementary methods courses. EDA 300 provides teacher education candidates an initial opportunity to demonstrate their ability to plan and implement inquiry-based instruction with elementary students. This course is repeated once and taken concurrently with the two semesters of methods courses. Must be taken twice for Credit.

Prerequisite(s): Admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

EDA 320 - Exceptional Learner in the General Education Classroom (3)

An introduction to the various contemporary areas of special education focused on the learning needs of students with disabilities (including intellectual, behavioral, physical, or sensory disabilities) and students identified as gifted and talented. Emphasis will be placed on the principles and procedures for educational programs to accommodate students with disabilities in inclusive settings.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

EDA 330 - Behavioral Intervention of Students with Learning and Behavior Disabilities (3)

Offers principles and techniques for managing the behavior of children and youth with disabilities. Preventive, supportive, and corrective techniques are included. The course focuses on the development of management plans that provide positive behavior supports for P-12 students. [previously 2 credits]

Prerequisite(s): Admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDA 341 - Reading and Language Arts Methods & Materials (P-5) (3)

A study of current English language arts methods and materials for teaching with an emphasis on culturally responsive instructional strategies for the optimal language learning growth for all primary students related to the developmental stages of handwriting, spelling, grammar, and composition.

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): EDA 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDA 342 - Reading Methods & Content (P-5) (3)

Direct approaches to the teaching of reading, including phonemic awareness, phonics, vocabulary, fluency, and comprehension. This course includes an emphasis on the development of and teaching strategies of reading. [previously 2 credits]

Prerequisite(s): Admission to the Teacher Education Program.

Corequisite(s): EDA 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDA 350 - Literacy Assessment (P-5) (3)

An introduction for preservice teachers to understand the methods of literacy assessments. The reading interests and needs of readers are considered, and primary emphasis will focus on the study of current methods and materials useful in analyzing assessments to make data-based decisions to instruct students in reading. Time is given to actual in-school diagnosis and remediation of readers that focuses on impact on student learning and culminates in a literacy work sample.

Prerequisite(s): EDA 341 and EDA 342

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 360 - Social Studies Methods & Materials (P-5) (3)

Exploration of methods, materials, and motivational techniques in teaching social studies at the elementary level. Social studies instructional skills are developed through clinical laboratory experiences. Time is given to developing lesson plans.

Prerequisite(s): Admission to the Teacher Education Program and EDA 201.

Corequisite(s): EDA 300

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 382 - Science Methods & Content (P-5) (3)

The main purpose of this course is to equip the future elementary teacher with appropriate methods, materials, and motivational techniques for the teaching of science. Students will begin to understand what is the nature of science, what are appropriate expectations for learning in elementary science, what are exemplary teaching and assessment practices that support science programs, and what are available materials and resources for the teaching of science.

Prerequisite(s): Admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 393 - Seminar (3)

Seminars, cross-cultural experiences and special extended field experiences supervised by faculty, with appropriate reading and assessment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

EDA 395 - Extended Clinical-Based Experience (1-3)

This course extends the clinical field experiences currently integrated within each of the education majors. It will (a) assist the student to connect theory & practice; (b) provide a sense of flow and schedule for a typical school day; (c) enable in-depth and extended interaction with classroom teachers and students, and (d) help the student apply content from methods classes in lesson planning & teaching. Students are involved in planning for and implementing lessons for both small and whole group instruction. This course also enables candidates who desire additional experiences in urban settings or with students who have diverse learning

needs to have those opportunities. Offered as needed.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

EDA 401 - Open Inquiry Clinical-Based Experience (1)

This clinical-based experience is designed to enhance the School of Education's third cluster of courses. Candidates must complete EDA 401 the semester PRIOR to Student Teaching to complete a year-long clinical experience. EDA 401 gives teacher education candidates a culminating opportunity to demonstrate their ability to plan, implement, assess, and analyze the inquiry-based instruction.

Prerequisite(s): EDA 300 or EDA 301

Corequisite(s): EDA 405, EDA 410, and EDA 428

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 405 - Learning Performance & Assessment (3)

Designed to examine classical learning theories of motivation and cognitive development of human behavior. Future teachers will be trained to interpret the results of standardized achievement tests, create performance-based assessment items, develop teacher-made tests which take into account a student's individual approaches to learning, and analyze the impact on student learning. An assessment work sample which incorporates a skill set of instructional design, standard-based, unit planning, integration of formative and summative assessment measuring analysis of student learning is a requirement for the course.

Prerequisite(s): EDA 300 or EDA 301

Corequisite(s): EDA 401

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 410 - Classroom Management (3)

Examination of basic discipline technologies for students. Course emphases will include practical application of effective classroom environments, appropriate selection of management technologies for behavioral remediation, effective teaching styles and teacher behavior, efficient observation and conferencing skills.

[previously 2 credits]

Prerequisite(s): Admission to the Teacher Education Program.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

EDA 428 - Interventions for Differentiation (3)

The course focus is the teacher's role in creating collaborative structures that provide interventions to ensure the learning for each child. Candidates will analyze Response to Intervention (RTI) for students, as well as analyze and assess effective collaboration models for English Language Learners (ELL) and students with exceptionalities. To ensure the needs of all students can be met in the regular education classrooms, students will acquire an understanding of language acquisition theories and research-based practices for English Learners. [previously 2 credits]

Prerequisite(s): EDA 300

Corequisite(s): EDA 401

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDA 498 - Student Teaching: Professional Clinical-Based Component (3-12)

Within the professional semester, there will be two components to support and guide the beginning educator. Component I, "Integration and Reflection Forums," is a series of 5-7 seminars that focus on practical insights gained through authentic learning during student teaching. Component II involves a minimum of 70 academic days of full-time assignment in an accredited school to observe, to participate, and to teach in classroom settings with special emphasis on the impact of student learning. [All education majors register for a minimum of 12 credits in 498 and 499 student teaching.]

Prerequisite(s): Candidates must have successfully completed all GATE 3 requirements, and ISTEPS (Student Teacher Engaging Professional Seminar) a multi-component preparatory seminar held prior to the start of the academic semester. ISTEPS focuses on teaching objectives, classroom procedures, motivation techniques and legal implications for classroom teachers. Successful completion of ISTEPS is a Pre-requisite to student teaching.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDA 499 - Student Teaching: Professional Clinical-Based Component (3-12)

Within the professional semester, there will be two components to support and guide the beginning educator. Component I, "Integration and Reflection Forums," is a series of 5-7 seminars that focus on practical insights gained through authentic learning during student teaching. Component II involves a minimum of 70 academic days of full-time assignment in an accredited school to observe, to participate, and to teach in classroom settings with special emphasis on the impact of student learning. [All education majors register for a minimum of 12 credits in 498 and 499 student teaching.]

Prerequisite(s): Candidates must have successfully completed all GATE 3 requirements, and ISTEPS (Student Teacher Engaging Professional Seminar) a multi-component preparatory seminar held prior to the start of the academic semester. ISTEPS focuses on teaching objectives, classroom procedures, motivation techniques and legal implications for classroom teachers. Successful completion of ISTEPS is a Pre-requisite to student teaching.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

English Language Pathway

EL 101 - English Integrated Skills: Reading, Writing, Speaking, Listening (3)

This course is designed to develop basic academic speaking, listening, writing and speaking skills. Emphasis is placed on conversation, discussion, vocabulary, pronunciation, and grammar. Students read and discuss a variety of literary material as well as develop composing, revising, and editing skills in a workshop atmosphere

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EL 102 - American Cultures (3)

Introduces students to various aspects of American history and culture in order to develop more awareness and understanding as well as increase their cross-cultural communication skills. Field trips will be taken to local points of interest. The course is designed to help student acclimate to their new cultural environment and become familiar with American customs and culture. The course also provides context for practice in the foundational skills of English reading, writing, speaking and listening.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EL 103 - Christian Life and Language (3)

Introduces students to biblical content and background, the life of Christ, and the foundations of Christianity. It provides a foundational knowledge of Christian thought and its relationship to the Christian life and our culture. This course also provides context for practice in the foundational skills of reading, writing, listening and speaking.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EL 104 - Oral Communication (3)

The oral communication course focuses on improving student's oral and aural English language skills for an academic environment. The curriculum aims to develop students' ability to understand academic lectures through listening activities, note-taking strategies, and expanding vocabulary. In addition, students give presentations and participate in class discussions to improve their English fluency, sharpen their critical thinking skills, and become confident in a U.S. classroom. The course also includes in-class activities focused on developing overall speaking fluency, accuracy, and pronunciation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

Educational Ministries

EM 220 - Teaching in the Church (3)

An introduction to the educational ministry of the church, with a focus on the act of teaching as a means for leading people to Christ and to maturity in their Christian walk. Students will explore basic principles of learning and human development, curriculum design and varieties of methodology, as well as structures for Christian growth and learning in the Church.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EM 280 - Foundations for Educational Ministry (3)

A study of cultural, theological, philosophical, and psychological concepts foundational to the field of educational ministry.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

EM 340 - Children's Ministry (3)

A study of the nature and needs of childhood with special attention to principles of nurturing and enriching the moral and spiritual development of the child. Students gain skills in planning the Church's ministry to, by, and with children.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EM 360 - Adult Ministry (3)

An examination of the periods of adulthood from the perspective of needs, developmental tasks and spiritual formation. Includes program development and a study of principles which promote the integration of all adults into the community of faith.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

EM 401 - Curriculum & Resources (2)

A study of the biblical, theological, and historical foundations of church/ministry curriculum and resources. Opportunity is provided for students to critique and write curriculum, as well as to observe the commercial development of materials for the Christian market.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

Engineering Math

EMA 999 - Engineering Math Affiliate Program (1-6)

Prefix denotes affiliate course in conjunction with the University of Kentucky. Course numbers and credits vary. Engineering Mathematics majors only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Off-Campus Program

English

ENA 200 - Introduction to Teaching English as a Second Language (3)

Presents theories of language learning and factors which impede language learning. Designed to provide theoretical and practical experience in language acquisition. Students will provide tutorial assistance to non-native English speakers.

Prerequisite(s): Completion of ENG 110 or ENG 151

Grading Method: Letter Grade

Term Typically Offered: Fall

ENA 331 - Linguistics & Advanced Grammar (3)

An introduction to phonetics, phonology, morphology, syntax and semantics, as well as first and second language acquisition, sociolinguistics and the history of the English language. Students will also refine their

knowledge and use of English grammar.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ENA 360 - Children's Literature (P-5) (3)

A survey of the various types of literature suitable for presentation to children of the elementary school level. The course is designed particularly for those who are planning to work with children in the elementary school.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ENG 100 - College Writing I (3)

A critical reading and writing course that introduces students to composition at the college level, while addressing fundamental questions relating to humankind and the varieties of human experience. Particular emphasis placed upon essay structure, foundational rhetorical skills, and the practical mechanics of good writing. Required of all freshmen with English test scores of ACT 17-19/pre-2016 SAT 340-500 or Reading test score post 2016 SAT 27 or below. Students will be enrolled concurrently in, and must successfully complete, the Writing Center Lab. Students completing ENG 100 are required to proceed to ENG 110 during the next semester of enrollment.

Prerequisite(s): None

Corequisite(s): ENG100L Writing Center Lab

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ENG 105 - Written Communication (3)

[English Language Pathway] The Written Communication course focuses on improving student's reading and writing English language skills for the undergraduate classroom. The curriculum focuses on developing the necessary strategies for writing college level English, such as responding appropriately to essay prompts, developing a thesis, organizing different types of essays, and writing effective introductions and conclusions. Students analyze and respond to course readings to develop reading comprehension and critical thinking skills, while practicing how to appropriately paraphrase, summarize, and quote to avoid plagiarism. Additionally, students hone their grammatical accuracy in writing through focused grammar exercises and essay revisions to address the specific needs of non-native English writers. The course concludes with a final in-class exam based on the course novel and grammar material. [Equivalent to ENG 100]

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 110 - College Writing II (3)

Develops the critical reading and writing skills vital to functioning successfully in contemporary society, helping students ask and address fundamental questions relating to humankind and the varieties of human experience. Concentrates on expository and argumentative writing, research skills, and matters of rhetorical style and the practical mechanics of good writing. Required of freshmen with English test scores of ACT 20-25/pre-2016 SAT 510-650 or Reading test score post 2016 SAT 28-34.

Prerequisite(s): Placement scores or ENG 100

Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

ENG 151 - Advanced College Writing (3)

An advanced critical reading and writing course that addresses fundamental questions relating to humankind and the varieties of human experience. Centered around expository and argumentative writing, research skills, and matters of rhetoric and style. Required of freshmen with English test scores of ACT 26 or above/pre-2016 SAT 660 or above or Reading test score post 2016 SAT 35 or above. Not for students who have completed ENG 110.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

ENG 200 - Introduction to Teaching English as a Second Language (3)

Presents theories of language learning and factors which impede language learning. Designed to provide theoretical and practical experience in language acquisition. Students will provide tutorial assistance to non-native English speakers.

Prerequisite(s): Completion of ENG 110 or ENG 151
Grading Method: Letter Grade
Term Typically Offered: Fall

ENG 205 - Literature & Culture (3)

A survey of selected literature of the Western World from the ancients to the present. Designed to provide the student with an in-depth exposure to literary works that have shaped contemporary culture.

Prerequisite(s): ENG 110 or ENG 151
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

ENG 230 - Introduction to Literature (3)

An initial course in the art of critical reading. A survey of genres (fiction, poetry, drama) which lays a foundation for the upper-division course work in the major, it is designed to assist entry-level students (or the interested non-major) to develop the skills and techniques of effective literary analysis.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

ENG 231 - The British Literary Tradition I (3)

An historical survey of English literature from its beginnings to the Romantic movement, tracing the development of literary traditions and techniques, intellectual history, and major movements.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

ENG 232 - The British Literary Tradition II (3)

A continuation of the study begun in ENG 231, beginning with the Romantic movement and continuing to the present.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

ENG 241 - Introduction to Creative Writing: Fiction (3)

Introduction to the writing of fiction through the study of professional models, specific writing assignments, and instructor critique.

Prerequisite(s): ENG 110 or ENG 151
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

ENG 242 - Introduction to Creative Writing: Poetry (3)

Introduction to the writing of poetry through the study of professional models, specific writing assignments, and instructor critique.

Prerequisite(s): ENG 110 or ENG 151
Grading Method: Letter Grade
Term Typically Offered: Spring

ENG 250 - Writing for Teachers (3)

Instruction in the teaching of composition in English classes for the middle school and secondary school teacher. Includes introduction to research methods and documentation for English education, contemporary theories about composition pedagogy, revision and editing methods, and practice in writing styles and writing modes.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Fall

ENG 261 - American Literature I (3)

A general survey of American literature from the early Colonial period to the time of Walt Whitman (up to 1860).

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

ENG 262 - American Literature II (3)

A general survey of American literature from the time of Walt Whitman to the present (since 1860).

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

ENG 265 - Honors Literature (3)

Honors Program course in Literature. Course syllabus varies by semester. Equivalent to ENG 205.

Prerequisite(s): By permission only; see Honors Program Coordinator.
Grading Method: Letter Grade
Term Typically Offered: Occasional offering

ENG 300 - Writing for the Marketplace (3)

This course is designed to take writing into the real world, introducing students to a variety of exciting career pathways for professional writers. Through writing, editing, and speaking assignments, students will learn and practice the fundamentals of written and spoken communication used in the non-profit sector, marketing, publishing, academic support, and beyond. Students will hear from professional writers and will produce a portfolio of pieces designed for 3-4 specific career pathways. This course will focus on writing skills that students can build upon in future internships or other work opportunities.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 311 - The Rise of the Novel (3)

A study of the cultural conditions that contributed to the development of the novel as a dominant literary genre in the 18th and 19th centuries. This course will explore the variety of narrative approaches introduced by those experimenting with this new form.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other spring

ENG 331 - Grammar & Linguistics (3)

An introduction to the sounds (phonetics and phonology) and structure (morphology and syntax) of English as well as to first and second language acquisition, sociolinguistics, and the history of the English language. As part of the course, students will also refine their knowledge of the rules of formal English grammar.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-even years

ENG 335 - Sound Systems of Language (3)

Phonetics involves the study of human speech sounds, including articulatory phonetics, acoustic phonetics, and auditory phonetics. Phonology is the study of sound systems of languages, including how phonemes and allophones form integrated systems in particular languages resulting in differences from one language to another.

Prerequisite(s): ENG 331

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 336 - Grammatical Structure of Language (3)

Morphology is the word formation system of languages, including how morpheme and allomorphs form integrated systems in particular languages resulting in differences from one language to another. The study moves to syntax and how these smaller units are used to form sentences and how sentences relate to one another.

Prerequisite(s): ENG 331

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 344 - Women in Literature (3)

This course begins with Virginia Woolf just a few years after women win the right to vote. From that vantage point we will consider the century of books written by, about, and for women leading up to that suffrage victory. What is a woman capable of? Nineteenth-century literature embraces the challenges and freedoms of answering that question.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other spring

ENG 345 - Experimental Forms (3)

A study of experimental forms across the literary tradition, with particular emphasis on the modernist period (1890-1945), but with connections to earlier and subsequent experimental works.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other fall

ENG 348 - Contemporary Literature (3)

A study of British and American Literature since 1950. The course will focus on poetry, prose, and drama.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

ENG 353 - Creative Writing for Young Readers (3)

Includes a variety of exemplary examples of creative writing for young people, including both fiction and poetry. In-class workshops will give opportunity to share their responses to writing prompts, to receive feedback on writing, and to offer comments and suggestions on the work of classmates. Requires a number of original works for critique, revision, and polishing. Class time will also be given to exploring markets for this type of writing and on finding appropriate venues where projects may be submitted.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

ENG 360 - Children's Literature (P-5) (3)

A survey of the various types of literature suitable for presentation to children of the elementary school level. The course is designed particularly for those who are planning to work with children in the elementary school.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ENG 361 - Adolescent Literature (3)

Survey of literature from various genres for use in middle/high school. To prepare teachers for the tasks of assisting students in the transition from children's literature to adult reading and guiding adolescents in the development of appreciation for well written literature.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ENG 362 - Diverse Voices in Literature (3)

A study of literature written in English from a wide range of cultural perspectives. This course includes literature from a variety of racial, ethnic, and cultural groups from within the United States, as well as others from around the globe.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 371 - Intermediate Creative Writing: Fiction (3)

This course builds on the foundation of ENG 241, allowing the student to gain further practice in the writing of fiction and non-fiction through the study of professional models, specific writing assignments, workshops, and instructor critique.

Prerequisite(s): ENG 241

Grading Method: Letter Grade

Term Typically Offered: Fall

ENG 372 - Intermediate Creative Writing: Poetry (3)

This course builds on the foundation of ENG 242, allowing the student to gain further practice in the writing of poetry through the study of professional models, specific writing assignments, workshops, and instructor critique.

Prerequisite(s): ENG 242

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 374 - Studies in Medieval and Renaissance Literature (3)

This course examines topics in English literature from the Middle Ages to the Renaissance (1400-1700). It conducts readings of texts in various genres--verse, drama, and prose--in their specific cultural and historical contexts. Readings may include the Gawain-poet, medieval women writers, medieval devotional texts, and Chaucer's *The Canterbury Tales*. The course also studies the disruptions and continuities in the transition from the medieval to the early modern period, with the primary aim to explore the explosion of literary and poetic productivity in the sixteenth and seventeenth centuries in England and its justification as an essential activity. Readings include Spenser, Sidney, Lady Mary Wroth, Donne, Herbert, Mary Herbert Sidney, and Jonson.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other fall

ENG 378 - Milton & the Seventeenth Century (3)

A study of the principal writers of the 17th century. A major emphasis of the course will be a study of Milton's poetry and prose and his development as a writer with major emphasis on *Paradise Lost*, giving attention to both his artistic quality and his theology.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

ENG 390 - Creative Nonfiction (3)

Creative nonfiction is "true stories well told" (Gutkind). While the word "nonfiction" describes the form the writing in this class will take, the word "creative" refers to literary craft and the techniques that fiction writers, playwrights, and poets use employ in those genres to tell factually accurate prose about real people and real places in a compelling, vivid, and dramatic manner. The goal of this class is to explore, practice, experiment with various techniques and forms of creative nonfiction (essay, memoir, personal narrative, nature writing, travel writing, literary journalism), and gain tools to be able to draw, as skillfully as possible, a reader into the "vivid and continuous dream" of a great, true, story.

Prerequisite(s): ENG 110, ENG 151 or JRN 110

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in the field of English. A student may not take more than four (4) hours of independent study.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

ENG 393 - Seminar (1-3)

A study of one major author, or a small circle of authors or a literary movement, the subject to be determined by the staff. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

ENG 402 - ESL Practicum (3)

An off-campus, intensive opportunity to apply skills in an authentic setting with individuals for whom English is a second language. This clinical/field experience may be arranged with a local ESL population or in an international context.

Prerequisite(s): ENG 200

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

ENG 410 - Shakespeare (3)

A study of the principal plays of Shakespeare read in the light of dramatic and literary conditions of his time.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

ENG 423 - C. S. Lewis & the Oxford Circle (3)

A study of literature inspired by a Christian vision of life. Focuses primarily on the writings of C.S. Lewis and secondarily on the Oxford Circle of writers with whom he was associated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

ENG 431 - Literary Criticism (3)

A study of the philosophy of literary composition from various sources, designed to give students an understanding of the principles which underlie literary composition and to enable them to form a basis for evaluating the literature which they meet in their own personal reading.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ENG 435 - Internship (3)

A supervised, experiential learning/work experience in Creative Writing or English of one academic semester with an approved business, private, academic, publishing, government, or nonprofit agency. Work experience (or other relevant experience subject to approval) of a minimum of 45 hours will be expected plus a journal and record of hours, a supervisor's report/evaluation, and final reflection paper.

Prerequisite(s): 12 hours complete within the major, and departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

ENG 450 - Advanced Studies in Creative Writing (3)

Students will analyze their current body of work and write additional pieces in preparation for a final portfolio worthy of being submitted to a graduate school or a publisher.

Prerequisite(s): ENG 241 or ENG 242

Grading Method: Letter Grade

Term Typically Offered: Fall

ENG 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Ensembles

ENS 101 - Collegium Musicum (0.5-1)

General name under which all of the instrumental chamber groups function. Combinations vary each semester. By audition and as openings occur. Ensembles may be combined. Minimum of one-hour weekly rehearsals. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ENS 111 - Women's Choir (0.5-1)

Open to all women students, staff, and faculty by audition. In addition to local concerts, this ensemble will tour periodically. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ENS 131 - Men's Glee Club (0.5-1)

Open to all male students without audition. In addition to local concerts, this ensemble will tour periodically. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ENS 141 - Concert Band (0.5-1)

Open to all qualified students by audition. In addition to local concerts, this ensemble will tour periodically. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ENS 151 - Orchestra (0.5-1)

Open to all qualified students by audition. The heart of the group is the string section. Woodwind, brass, percussion, and keyboard players are added on a per composition basis. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ENS 161 - Chorale (0.5-1)

The Asbury Chorale is an SATB ensemble open to all students by audition. Repertoire consists of challenging choral literature from various style periods. The Chorale supplements its on-campus performance schedule with occasional off-campus events and tours. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ENS 171 - Handbell Choir (0.5-1)

Open to all students by audition. In addition to local concerts, this ensemble tours periodically. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ENS 191 - Jazz Ensemble (0.5-1)

Open to all qualified students through audition. In addition to local concerts, this ensemble will tour periodically. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

Equine

EQ 100 - Equine Studies I (3)

An introduction to various aspects of the horse including: the history of the horse, types, colors & markings, breeds, gaits, unsoundness, body condition scoring, behavior, anatomy, genetics, nutrition, reproduction, and health & disease management. Career opportunities available in the equine industry will also be discussed.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EQ 102 - Equine Studies II (3)

An introduction to various aspects of equine facilities, equipment, and management. Facilities and equipment used in the production and training of horses will be discussed with particular attention given to tack used in various disciplines of the equine industry. This course will also explore basic principles of equine business, including establishing a business plan and emergency/disaster planning, and basic principles of managing the daily operation of a stable, such as feeding and bedding.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EQ 130 - Horseback Riding I (1)

Placement Credit for Equine majors and minors. Does not satisfy PE requirement.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Credit Only

EQ 131 - Horseback Riding II (1)

Placement Credit for Equine majors and minors. Does not satisfy PE requirement.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Credit Only

EQ 200 - Horsemanship Ministry (3)

Training of dedicated Christians to conduct safe, efficient, and effective horsemanship programs as a tool of Christian Ministry. Designed to equip each equine student with the necessary tools to successfully manage, train, and teach in a variety of equestrian ministry settings.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

EQ 201 - Equine Conformation & Selection (3)

Conformation of the horse is covered in detail and its relationship to "form follows function". This is a complete evaluation of all aspects of the horse's anatomy and how it is related to its function and purpose. Individual breed characteristics are covered and why they are important to that breed. The different gaits of breeds will be covered.

Prerequisite(s): EQ 100
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

EQ 206 - Equine Health & First Aid (3)

Comprehensive course to explain routine but essential health care, basic first aid, and how to identify urgent medical conditions.

Prerequisite(s): EQ 100
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

EQ 208 - Introduction to Therapeutic Riding (3)

Progressive instruction for building a skill foundation in therapeutic riding instruction. Professional Association of Therapeutic Horsemanship International (PATH) Standards including the use of therapy horses, tack and other equipment.

Prerequisite(s): EQ 100
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

EQ 245 - Riding Instructor Certification (3)

Students complete a 40-hour certification clinic. Teaching and equitation skills in ring and trail riding.

Prerequisite(s): PE 130/EQ 130 & PE 131/EQ 131
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

EQ 251 - Introduction to Horse Training (2)

The basic handling of horses on the ground and under saddle. Students will also learn how to understand equine behavior and how it relates to training a horse.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring

EQ 257 - Weanling Training (1)

This course focuses on safe handling of the weanling horse on the ground. The training covers leading, desensitizing, and control of the horse in every direction.

Prerequisite(s): EQ 251

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EQ 258 - Yearling Training (1)

This course focuses on fundamental ground manners and the skills needed to move the yearling horse in various directions. The training covers tying, trailering, navigating obstacles, controlling the horse's motion with lateral movement, and round penning.

Prerequisite(s): EQ 257 or EQ 251 and instructor permission.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EQ 259 - Long Yearling Training (1)

This course focuses on teaching a long yearling horse to respond to trainer cues in preparation for riding. The training covers driving in long-lines, navigating obstacles, controlling the horse at the walk, trot, and canter on a circle, and trailering.

Prerequisite(s): EQ 258

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EQ 305 - Equine Nutrition & Forage Management (3)

Introduction to the nutritional requirements and the practical feeding of various classes of horses including those with various clinical conditions. The basic classes of feeds and how to read a feed tag will also be discussed. The role that pastures play in a well-planned feeding program will be investigated along with proper management of those pastures. Evaluating forages and understanding a forage analysis in relation to feeding will be covered.

Prerequisite(s): EQ 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

EQ 310 - Farm & Ranch Management (3)

Resource Management of land, water, and facilities involved in equine programs. The primary goals will be to train equine managers, and to develop a focus on natural resource systems with the overall aim to increase efficient farm or ranch management.

Prerequisite(s): EQ 102

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EQ 311 - Therapeutic Riding Instruction (3)

This course is a practical hands-on class to acquire skill and technique in preparation and implementation of therapeutic riding and ground lessons.

Prerequisite(s): EQ 208

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EQ 320 - Equine Administration (3)

Study of equestrian business, equestrian organizations, breed associations, facility and event management operations, conventions and programs.

Prerequisite(s): EQ 102

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EQ 335 - Animal Nutrition (3)

An introduction to the nutrients key to animal health, applications of nutrition, types of feedstuff, and ration formulation. Digestive anatomy & physiology of various animal species as they relate to nutrition will also be discussed.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

EQ 340 - Equine Law (3)

This course covers the broad spectrum of legal situations and laws that govern the equine industry. It will provide students with a basic understanding of methods of settling disputes, relevant tort law, business structures, record keeping, contracts, liens, tax liabilities, and estate planning. The course will also cover the equine professional's rights and responsibilities, relevant legal definitions and terms, how to recognize when to use legal counsel, and how to avoid liability and prevent situations that could result in costly litigation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

EQ 353 - Starting Horses Under Saddle I (2)

This course focuses on the foundations of starting a horse under saddle, which will primarily be 2-year-old horses. The training introduces the horse to the rider's cues under saddle.

Prerequisite(s): EQ 251 & EQ/PE 230

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EQ 354 - Starting Horses Under Saddle II (2)

This course builds on the skills learned in Starting Horses under Saddle I and focuses on continuing to teach a horse to respond to trainer cues under saddle. The training covers balanced riding at the walk, trot, and canter. This course also covers riding through obstacles and over various terrains.

Prerequisite(s): EQ 353

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EQ 355 - Advanced Horse Training Under Saddle I (2)

This course focuses on working with horses with approximately a year or more of training under saddle. The course will be tailored to meet the goals of each student trainer and horse combination.

Prerequisite(s): EQ 251

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EQ 356 - Advanced Horse Training Under Saddle II (2)

This course builds on the skills learned in Advanced Horse Training under Saddle I and focuses on teaching students how to fine-tune training under saddle. The course will be tailored to meet the goals of each student trainer and horse combination.

Prerequisite(s): EQ 355

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EQ 361 - Equine Anatomy & Physiology (3)

This course will be a study of the anatomy and physiology of the horse. A systems approach will be used including the musculoskeletal, digestive, respiratory, circulatory, reproductive, endocrine, integument, nervous, and immune systems. Some comparative anatomy will also be included.

Prerequisite(s): EQ 100

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

EQ 391 - Independent Study (1-3)

A directed and supervised investigation of a selected problem/topics in the area of Equine Management. Available to senior EQ majors or minors. A student may take up to six (6) hours of independent studies.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

EQ 393 - Seminar (1-3)

The study of various issues/topics in the field of equine management. Topics will be determined and announced for each semester a seminar is offered.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

EQ 403 - Equine Immunology & Infectious Diseases (3)

A study of equine immunology as it relates to various disease processes. This course is designed to identify diseases of the horse according to their causative agent(s), pathogenesis, and clinical signs of disease.

Different systems will be evaluated as well as their roles in the disease process. Prevention and control of disease outbreaks through a thorough understanding of quarantine and vaccinations will also be covered.

Prerequisite(s): EQ 206

Grading Method: Letter Grade

Term Typically Offered: Every other spring

EQ 404 - Equine Non-infectious Diseases (3)

This course will discuss the causes, pathogenesis, clinical signs, diagnosis, treatment, and management of common non-infectious diseases in the horse. Particular focus will be given to various types of lameness, colic, genetic diseases, and metabolic and endocrine disorders.

Prerequisite(s): EQ 206

Grading Method: Letter Grade

Term Typically Offered: Every other spring

EQ 420 - Equine Reproduction Management (3)

This course will focus on the equine breeding operation primarily from a management perspective and secondarily investigate the medical management of reproduction.

Prerequisite(s): EQ 100 & EQ 206

Grading Method: Letter Grade

Term Typically Offered: Spring

EQ 435 - Equine Field Experience (3-6)

A directed field experience at Asbury University or at another location with departmental approval. Students are responsible for total care of the horses including feeding, as well as maintaining stables and facilities including programming for one semester. May repeat to 6.0 credits.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

EQ 451 - Equine Exercise Physiology & Conditioning (3)

This course will cover advanced physiology of skeletal, muscular, and connective tissues along with implications of exercise on cardiac and respiratory systems. The effect of exercise upon the conditioning responses and practical applications of these responses will be demonstrated on horses used in class during a required separate lab practical time.

Prerequisite(s): EQ 100 & EQ 251. EQ 305 & EQ 361 recommended.

Corequisite(s): EQ 451L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other fall

EQ 475 - Equine Senior Seminar (1)

A capstone course that brings all aspects of the Equine curriculum into perspective, so students can prepare to enter the industry upon graduation. Students will be given the opportunity to evaluate their experiences in the program and to suggest changes to improve the curriculum. Students will also submit their portfolios covering their enrollment in the university.

Prerequisite(s): None

Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

Equine-Assisted Services

EAS 100 - Intro to Equine Assisted Services I (3)

This course will introduce students to the field of Equine-Assisted Services (EAS) by surveying the origin and history of the field of Animal-Assisted Services and EAS. Students will learn about theories related to the human-animal relationship, specifically the human-equine relationship, that form the theoretical foundation of EAS. Students will also learn about the current organization of the field of EAS, including most common career paths, certification options, and related professional associations. Current issues of the field are being approached by applying critical thinking skills to support the development of a realistic understanding and appreciation for the early development status of the field of EAS. Students will get the opportunity to see EAS in action when visiting EAS programs and by volunteering with EAS initiatives at the Asbury Equine Center.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

EAS 102 - Intro to Equine Assisted Services II (3)

In this course, students will explore the three branches of EAS: Therapies, Activities, and Education. Students will get a comprehensive introduction to each service and related best practices. Students will also learn about EAS program structure and management that are unique to each service field. Students will explore aspects related to program management, equine management, business management, and those aspects unique to each service branch, such as healthcare laws and volunteer coordination. Students will learn to apply critical thinking skills when exploring current issues of the field, such as animal welfare and ethical considerations in regards to each service field, so that students can develop a realistic understanding and appreciation for the current status of the field of EAS. Students will have hands-on learning opportunities while volunteering with local EAS programs.

Prerequisite(s): EAS100
Grading Method: Letter Grade
Term Typically Offered: spring

EAS 235 - Equine Assisted Services Practicum (3)

Students will be engaged in a designed practicum experience that will provide them with hands-on learning experiences and education in the practical components of the three practices of Equine Assisted Services, including therapeutic riding, equine-assisted therapies, and equine-assisted learning. Students will also gain practical experiences related to the management of an EAS program, such as administrative work, volunteer coordination and management, and service coordinations, and related to the management of an EAS farm, such as equine and facility care.

Prerequisite(s): EAS100 and EAS102
Contract Course: Yes
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Fall

EAS 376 - Ethical Considerations in Equine Assisted Services (1)

This course will explore ethical considerations related to the practice of Equine-Assisted Services (EAS) and EAS program management. The course will survey ethical considerations related to equine management

and handling in the equine industry at large and will connect these with topics specifically relevant to EAS practices, including equine welfare, client safety, and issues related to EAS program management and EAS practitioners' competencies and scope of practice. This course will also survey ethical considerations related to incorporating equines into services involving vulnerable populations, such as individuals with disabilities, minors, and seniors. Students will learn to develop an ethical decision-making model that will assist them to approach and manage ethical dilemmas they will face in their career.

Prerequisite(s): EAS100 and EAS102

Grading Method: Letter Grade

Term Typically Offered: Fall

EAS 435 - Equine Assisted Services Internship (3-6)

The EAS Internship will provide students with the opportunity to gain practical experience in the service field of their choice. Students, together with their advisor, will coordinate their internship placement and students will receive internship evaluations from their supervisor(s) at their placement during the course of their internship.

For students in the EASA concentration, the EAS Internship can count towards their hours required for the CTRI application.

Prerequisite(s): EAS 100 and EAS 102 and EAS 235

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Summer

Exercise Science

EXS 200 - Foundations of Health/EXS (3)

Students will be introduced to the principles of safe and effective physical activity. Instruction and practice for assessing, designing and implementing various types of activity/training programs for a variety of populations, and demonstrate an understanding of basic training principles. This course is a lecture/lab style course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

EXS 228 - Practicum (1)

Forty (40) hours of practical experience and observation in selected professional settings.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

EXS 229 - Practicum II (1)

A continuation of EXS 228 requiring forty (40) hours of practical experience and observation in selected professional settings.

Prerequisite(s): EXS 228

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

EXS 350 - Physical Fitness Assessment & Prescription (3)

Methods and techniques used to enhance physical fitness and physical performance capacities. Includes assessment, training techniques, exercise prescriptions, enhancement of health and skill related areas of fitness.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

EXS 371 - Motor Learning & Development (3)

A study of the principles of motor learning that affects acquisition and performance of skilled movement in sports and physical education and recreational activities.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EXS 381 - Advanced Principles of Strength & Conditioning (3)

This course will focus on applying the concepts of exercise physiology, biomechanics, motor control, sport psychology, and nutrition into the practice of exercise prescription and strength and conditioning. The goal of this course is to bridge the gap between science and practice as it relates to strength and conditioning.

Prerequisite(s): BIO 331/BIO 333, BIO 264 or BIO 352/BIO 354, and EXS 350

Grading Method: Letter Grade

Term Typically Offered: Spring

EXS 420 - Physiology of Exercise (4)

A study of the body's physiological responses to exercise with emphasis on the proper methods of obtaining optimal levels of performance.

Prerequisite(s): BIO 100/BIO 101 or BIO 202/BIO 204 (preferred), BIO 262 or BIO 352, and BIO 331/BIO 333, or permission. (CHE 121/CHE 123 and CHE 122/CHE 124 highly recommended.)

Corequisite(s): EXS 420L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EXS 428 - Human Functional Anatomy (3)

A study of human anatomy and its application to human motion including musculoskeletal origins, insertions, actions and innervations. Surface and functional anatomy will be explored with an emphasis on the biomechanical principles of human movement. Lab activities will focus on live model palpation and exploring functional movements in sport and exercise.

Prerequisite(s): BIO 100/BIO 101 or BIO 202/BIO 204 (preferred), BIO 262 or BIO 352, and BIO 331/BIO 333, or permission. (Should be taken prior to EXS 431)

Grading Method: Letter Grade

Term Typically Offered: Fall

EXS 431 - Kinesiology/Biomechanics (4)

The anatomical and mechanical analysis of human motion with emphasis on analyzing and improving athletic performance with application of mechanics to the structure and function of the human body.

Prerequisite(s): BIO 100/BIO 101 or BIO 202/BIO 204 (preferred), BIO 262 or BIO 352, and BIO 331/BIO 333, or permission. (PHY 201 and PHY 202 highly recommended.)

Corequisite(s): EXS 431L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EXS 435 - Internship (2-3)

Directed professional field experience in Exercise Science (80 clock hours minimum);

Prerequisite(s): EXS 228, EXS 350, EXS 420, and senior status. Application process required; departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

EXS 475 - Senior Seminar (2)

A course for Exercise Science majors where students are asked to integrate and assess their skills, experience, and professional knowledge. Application processes for certification exams and graduate school are also facilitated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

Finance

FIN 351 - Principles of Finance (3)

This course examines the basic concepts, principles, and functions of managerial finance. Topics emphasized include financial markets, valuation models for stocks and bonds, time value of money, cost of capital, risk and return, and capital budgeting.

Prerequisite(s): ECN 272/ECA 272, ACC 201/ACA 201 and ACC 202/ACA 202

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

FIN 352 - Principles of Investment (3)

Conceptual and analytical frameworks for formulating investment policies, analyzing securities, and constructing portfolio strategies for individuals and institutions.

Prerequisite(s): FIN 351/FNA 351

Grading Method: Letter Grade

Term Typically Offered: Spring

FIN 372 - Financial Markets & Institutions (3)

A study of the principles and function of the stock, bond, mutual fund, derivative and other major financial markets. Operation of securities markets, monetary policy, interest rates, business cycles, inflation, money supply, stabilization policy, and financial restructuring. Significant emphasis on international applications of financial developments and monetary policies around the globe.

Prerequisite(s): ECN 273

Grading Method: Letter Grade

Term Typically Offered: Spring

FIN 391 - Independent Study (1-3)

Independent study projects with required written reports approved and directed by a member of the finance faculty.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

FIN 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

FIN 420 - Entrepreneurship: Finance & Venture Capital (3)

[Same as BU 420] This course focuses on the financial aspects of venture creation. Topics include pro forma development and review, business valuation models, cash flow analysis, and raising capital from private investors, venture capitalists, and banks.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other fall

FIN 435 - Internship (0.5-6)

Students are placed with cooperating firms for on-the-job training in finance. Written reports to be submitted by the firm and by the student to the professor. This is an option for the student and will be tailored to fit the student's needs as far as possible.

Prerequisite(s): Consent of the instructor must be secured.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

FIN 451 - Intermediate Corporate Finance (3)

This class will continue from FIN 351 and go deeper into financial concepts such as capital budgeting, stock valuation, global financial markets, etc.

Prerequisite(s): FIN 351

Grading Method: Letter Grade

Term Typically Offered: Fall

FIN 452 - Strategic Financial Decision-Making (3)

The course will focus on strategic financial decision-making to ensure that students can prepare accurate business plans, financial forecasts and make informed decisions utilizing decision-making tools that have been learned in previous Finance courses.

Prerequisite(s): FIN352, FIN451

Grading Method: Letter Grade

Term Typically Offered: Spring

FIN 453 - Private Equity, Real Estate, Venture Capital (3)

Course will explore the financial levers, systems and strategies necessary to have a successful career in investment banking.

Prerequisite(s): FIN 351

Grading Method: Letter Grade

Term Typically Offered: Fall

FNA 351 - Principles of Finance (3)

This course examines the basic concepts, principles, and functions of managerial finance. Topics emphasized include financial markets, valuation models for stocks and bonds, time value of money, cost of capital, risk and return, and capital budgeting.

Prerequisite(s): ECN/ECA 272 or ECN/ECA 100, and ACC/ACA 201 or ACC/ACA 100

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

French

FRN 101 - Elementary French I (3)

An introduction to the study of French with emphasis on listening, speaking, reading, and writing. This course is designed for students who have never studied French.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

FRN 102 - Elementary French II (3)

Review and expansion of French grammar, composition, and conversation.

Prerequisite(s): FRN 101 or placement by examination.

Grading Method: Letter Grade

Term Typically Offered: Spring

FRN 201 - Intermediate French (3)

Continued development of listening, speaking, reading, and writing skills in French with a cross-cultural emphasis.

Prerequisite(s): FRN 102 or placement by examination.

Grading Method: Letter Grade

Term Typically Offered: Fall

FRN 291 - Advanced Intermediate French (3)

Designed to familiarize students with grammatical structures and syntax not mastered in elementary or intermediate French. Special attention will be given to enhancing student skills in listening, speaking, reading and writing, as well as the acquisition of cultural and literary knowledge, enabling students to move smoothly into courses at the 300-level and beyond.

Prerequisite(s): FRN 201, placement by examination, or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Spring

FRN 301 - French Composition & Conversation (3)

Intensive practice in both oral and written French communication.

Prerequisite(s): FRN291, placement by examination, or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall

FRN 302 - Advanced French Grammar & Composition (3)

Review and study of advanced French grammar topics with intensive practice in writing French prose for a variety of purposes.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 311 - Survey of French Literature I (3)

A chronological overview of French literature from the Middle Ages through the Eighteenth Century.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 312 - Survey of French Literature II (3)

A chronological overview of French literature of the Nineteenth and Twentieth Centuries.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 323 - Introduction to French Civilization (3)

A survey of French history from the Roman conquest of Gaul to the present followed by an overview of contemporary French civilization.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 393 - Seminar (1-3)

A course designed for advanced French students with the area of concentration to be determined by the staff. May be repeated.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 403 - French Linguistics (3)

Introduction to the study of linguistics with reference to the French language. Analysis of French phonology, morphology, and syntax.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 410 - French P-12 Teaching Methods (3)

An introduction to the methods and materials used in teaching French in elementary, middle and high schools.

Prerequisite(s): FRN 301, ED 200, ED 201, ED 230 and admission to the Teacher Education Program.

Course does not count toward the advanced French hours required for the non-teaching major in French.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

FRN 430 - Advanced French Literary Topics (3)

Important literary works from a variety of genres are read and analyzed. Content varies. May be repeated.

Prerequisite(s): FRN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

Geography

GEO 211 - Principles of Geography (3)

A study of geography using primarily a balanced approach between physical and cultural geography, designed primarily for the elementary and middle school teacher and for the concentration in the social studies emphasis.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Greek

GRK 101 - Elementary Greek I (3)

An introduction to ancient Greek with an emphasis on grammatical foundations. This course is designed for students who have never studied Greek.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

GRK 102 - Elementary Greek II (3)

Grammatical review and expansion of Elementary Greek I.

Prerequisite(s): GRK 101 or placement by examination.

Grading Method: Letter Grade

Term Typically Offered: Spring

GRK 201 - Intermediate Greek I (3)

Development of translation skills in ancient Greek literature with special emphasis on passages from the New Testament.

Prerequisite(s): GRK 102 or placement by examination.

Grading Method: Letter Grade

Term Typically Offered: Fall

GRK 202 - Intermediate Greek II (3)

A continuation of GRK 201.

Prerequisite(s): GRK 201 or placement by examination.

Grading Method: Letter Grade

Term Typically Offered: Spring

GRK 301 - Readings in Greek Literature I (3)

Readings in Greek literature from the major literary figures of the classical period.

Prerequisite(s): GRK 202 or placement by examination.

Grading Method: Letter Grade

Term Typically Offered: Fall

GRK 302 - Readings in Greek Literature II (3)

Readings in Greek literature from the major literary figures of the classical period.

Prerequisite(s): GRK 301 or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Spring

GRK 391 - Independent study (1-3)

Independent study in a specialized field in consultation with supervising professor. Requirements usually include assigned readings combined with a research paper.

Prerequisite(s): Completion of GRK 202 and a 3.0 GPA in Greek courses, or permission of the professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

GRK 393 - Seminar (1-3)

A course designed for advanced students with the area of concentration to be determined by the staff. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

GRK 401 - Readings in Greek Literature III (3)

Advanced readings in Greek literature from the major literary figures of the classical period.

Prerequisite(s): GRK 302 or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Fall

GRK 402 - Readings in Greek Literature IV (3)

Advanced readings in Greek literature from the major literary figures of the classical period.

Prerequisite(s): GRK 401 or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Spring

Health Care

HC 102 - Health Care Services (3)

This course provides students with an overview of concepts and issues related to the health care industry. Students will explore topics related to healthcare organizations, facilities, and professionals. Students will explore the applications of principles of non-clinical health care through examinations of health care situations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

HC 201 - Ethical/Legal Issues in Health Care (3)

An overview of healthcare law in the U.S. and how regulations affect the operational decisions of healthcare providers. The course will explore legal issues from the perspectives of both providers of healthcare and those who receive it.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HC 202 - Faith and Care (3)

This course explores connections between faith and health in clinical and community settings. Students consider the concept of spiritual or compassionate care for the whole person with an emphasis on the role of faith in health care related decisions and the services provided to individuals.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 250 - Introduction to Public/Population Health (3)

The course will examine the way health care delivery systems, public health agencies, community-based organizations, and many other entities work together to develop interventions to improve the health outcomes in the local, national, and global communities they serve. We will first learn to examine health issues from a population health perspective.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 275 - Trends & Policy in Health Care (3)

The US health care delivery system will be explored to understand the current issues and trends. The changing roles of the components of the system as well as technical, economic, political, and social forces

effecting change will be discussed. The course will emphasize the impact of policy development on the health care system.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HC 300 - Applied Statistics for Health Sciences (3)

An introduction to statistical methods for health sciences focusing on concepts and interpretation. Topics include the collection, classification, and presentation of descriptive data; the rationale of estimation and hypothesis testing; analysis of variance; analysis of contingency tables; correlation and regression analysis; sample size and power considerations.

Prerequisite(s): MAT 111, MAT 119 or MAT 120

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 320 - Health Promotions & Programs I (3)

This course provides an overview of the principles and practices of health promotion with an emphasis on planning health education programs. Students will explore models for the design and delivery of health promotion curricula and programs.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 350 - Epidemiology I (3)

This course explores principles of epidemiology with an emphasis on methods for researching and monitoring the patterns and risks associated with diseases in populations. Students will investigate the contributions of epidemiological studies on the assessment and prevention of human illness.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 352 - Epidemiology II (3)

Intermediate and advanced principles in epidemiology, with emphasis on study designs, selection/information biases, confounding and effect modification. Students will learn how to plan an epidemiologic study, analyze data from epidemiologic studies, critique the epidemiologic literature and prepare epidemiologic reports.

Prerequisite(s): HC 350

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 360 - Health, Aging, & Society (3)

This course will provide an overview of issues related to public health and aging. Students will explore the demography and epidemiology of aging and how aging is viewed in society today, including myths of aging and stereotypes of aging. The course will review theories of aging, the concept of successful aging, the implications of chronic illness and disability for public health, health promotion for older adults, and other topics central to public health in an aging society.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HC 410 - Human Behavior & Health Interventions (3)

The course emphasizes factors that influence human behavior, including individual, social, and environmental/community influences. Students explore public health interventions and strategies to promote healthy behaviors and discourage unhealthy behaviors. The course examines consequences, patterns, risk factors, and change/interventions for each behavior or problem.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 420 - Health Promotions & Programs II (3)

Builds on concepts introduced in Health Promotions and Programs I, including case studies and planning an intervention/health promotion program for a school, workplace, health care organization, or community.

Prerequisite(s): HC 320

Grading Method: Letter Grade

Term Typically Offered: Fall

HC 430 - Health Economics (3)

This course provides the core microeconomic theories and concepts needed to understand health and health care issues in both the developed and developing world. It describes how the markets for health and health services are different from other goods, with a particular emphasis on the role of government and market failure. In addition, it discusses the theoretical and empirical aspects of key health economics issues, including the demand for health and health services, supply side concerns, health insurance, the provision of public goods, and related topics.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HC 435 - Guided Experience: Internship (3-6)

This guided experience provides students with a real-world learning experience in the healthcare field through a mentored internship program. Students will work with program advisors and professional partners to complete the internship experience in authentic contexts that expose them to real-life healthcare providers and services. Three credits required. Course runs full semester. May repeat to 6 total credit hours.

Prerequisite(s): Health Care Core

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

HC 450 - Global Health (3)

This course introduces students to critical global health issues and ways to address or solve them. The curriculum focuses on the following global health topics: infectious and chronic diseases, maternal/child health, immigrant and refugee health, the relationship between political and cultural processes and health, and factors contributing to disparate health outcomes in population groups.

Prerequisite(s): HC 350

Grading Method: Letter Grade

Term Typically Offered: Spring

HC 485 - Capstone Project (3)

The Senior Seminar course utilizes a capstone project which is a significant piece of work that demonstrates a student's knowledge and application of healthcare research, theory, and practice. This faculty-supervised project will culminate with a student presentation. Course runs full semester.

Prerequisite(s): Health Care Core.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

HCA 102 - Health Care Services (3)

This course provides students with an overview of concepts and issues related to the health care industry. Students will explore topics related to healthcare organizations, facilities, and professionals. Students will explore the applications of principles of non-clinical health care through examinations of health care situations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

HCA 201 - Ethical/Legal Issues in Health Care (3)

An overview of healthcare law in the U.S. and how regulations affect the operational decisions of healthcare providers. The course will explore legal issues from the perspectives of both providers of healthcare and those who receive it.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HCA 202 - Faith and Care (3)

This course explores connections between faith and health in clinical and community settings. Students consider the concept of spiritual or compassionate care for the whole person with an emphasis on the role of faith in health care related decisions and the services provided to individuals.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 250 - Introduction to Public/Population Health (3)

The course will examine the way health care delivery systems, public health agencies, community-based organizations, and many other entities work together to develop interventions to improve the health outcomes in the local, national, and global communities they serve. We will first learn to examine health issues from a population health perspective.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 275 - Trends & Policy in Health Care (3)

The US health care delivery system will be explored to understand the current issues and trends. The changing roles of the components of the system as well as technical, economic, political, and social forces effecting change will be discussed. The course will emphasize the impact of policy development on the health care system.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HCA 300 - Applied Statistics for Health Sciences (3)

An introduction to statistical methods for health sciences focusing on concepts and interpretation. Topics include the collection, classification, and presentation of descriptive data; the rationale of estimation and hypothesis testing; analysis of variance; analysis of contingency tables; correlation and regression analysis; sample size and power considerations.

Prerequisite(s): MAT 111 or MAT 120

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 320 - Health Promotions & Programs I (3)

This course provides an overview of the principles and practices of health promotion with an emphasis on planning health education programs. Students will explore models for the design and delivery of health promotion curricula and programs.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 350 - Epidemiology I (3)

This course explores principles of epidemiology with an emphasis on methods for researching and monitoring the patterns and risks associated with diseases in populations. Students will investigate the contributions of epidemiological studies on the assessment and prevention of human illness.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 352 - Epidemiology II (3)

Intermediate and advanced principles in epidemiology, with emphasis on study designs, selection/information biases, confounding and effect modification. Students will learn how to plan an epidemiologic study, analyze data from epidemiologic studies, critique the epidemiologic literature and prepare epidemiologic reports.

Prerequisite(s): HCA 350

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 360 - Health, Aging, & Society (3)

This course will provide an overview of issues related to public health and aging. Students will explore the demography and epidemiology of aging and how aging is viewed in society today, including myths of aging and stereotypes of aging. The course will review theories of aging, the concept of successful aging, the implications of chronic illness and disability for public health, health promotion for older adults, and other

topics central to public health in an aging society.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HCA 410 - Human Behavior & Health Interventions (3)

The course emphasizes factors that influence human behavior, including individual, social, and environmental/community influences. Students explore public health interventions and strategies to promote healthy behaviors and discourage unhealthy behaviors. The course examines consequences, patterns, risk factors, and change/interventions for each behavior or problem.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 420 - Health Promotions & Programs II (3)

Builds on concepts introduced in Health Promotions and Programs I, including case studies and planning an intervention/health promotion program for a school, workplace, health care organization, or community -

Prerequisite(s): HCA 320

Grading Method: Letter Grade

Term Typically Offered: Fall

HCA 430 - Health Economics (3)

This course provides the core microeconomic theories and concepts needed to understand health and health care issues in both the developed and developing world. It describes how the markets for health and health services are different from other goods, with a particular emphasis on the role of government and market failure. In addition, it discusses the theoretical and empirical aspects of key health economics issues, including the demand for health and health services, supply side concerns, health insurance, the provision of public goods, and related topics.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HCA 435 - Guided Experience: Internship (3-6)

This guided experience provides students with a real-world learning experience in the healthcare field through a mentored internship program. Students will work with program advisors and professional partners to complete the internship experience in authentic contexts that expose them to real-life healthcare providers and services. Three credits required. Course runs full semester. May repeat to 6 total credit hours.

Prerequisite(s): Health Care Core

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

HCA 450 - Global Health (3)

This course introduces students to critical global health issues and ways to address or solve them. The curriculum focuses on the following global health topics: infectious and chronic diseases, maternal/child health, immigrant and refugee health, the relationship between political and cultural processes and health, and factors contributing to disparate health outcomes in population groups.

Prerequisite(s): HCA 350
Grading Method: Letter Grade
Term Typically Offered: Spring

HCA 485 - Capstone Project (3)

The Senior Seminar course utilizes a capstone project which is a significant piece of work that demonstrates a student's knowledge and application of healthcare research, theory, and practice. This faculty-supervised project will culminate with a student presentation. Course runs full semester.

Prerequisite(s): Health Care Core.
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

Hebrew

HEB 101 - Elementary Hebrew I (3)

An introduction to Biblical Hebrew with an emphasis on grammatical foundations. This course is designed for students who have never studied Hebrew.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

HEB 102 - Elementary Hebrew II (3)

Grammatical review and expansion of Elementary Hebrew I.

Prerequisite(s): HEB 101 or advanced placement.
Grading Method: Letter Grade
Term Typically Offered: Spring

HEB 201 - Intermediate Hebrew (3)

Development of translation skills in Hebrew literature with special emphasis on passages from the Old Testament.

Prerequisite(s): HEB 102 or advanced placement.
Grading Method: Letter Grade
Term Typically Offered: Fall

HEB 301 - Advanced Hebrew Reading (3)

A close reading of selected passages from the Hebrew Bible. Emphasis will be placed upon developing translational and interpretive skills.

Prerequisite(s): HEB 201, permission of instructor, or advanced placement.
Grading Method: Letter Grade
Term Typically Offered: Spring

HEB 391 - Independent Study (1-3)

Independent study in a specialized field in consultation with supervising professor. Requirements usually include assigned readings combined with a research paper.

Prerequisite(s): Completion of HEB 201 and a 3.0 GPA in Hebrew courses, or by permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Health Education

HED 231 - Injury Care & Safety (3)

Science of prevention, evaluation, management and rehabilitation of athletic injuries. Emphasis is placed on developing an understanding of the mechanisms of injury and on acquiring practical training room skills. Includes American Red Cross Community CPR and First Aid certifications. Requires a field component.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

HED 282 - Community Environmental Health (3)

Basic view into community health and environmental issues. Discussions include: personal health, community and national health organizations, the nation's health profile, health care systems and other basic community health related issues. Covers the study of the environment and the human impact on it and how it relates to the individual and global health. Requires a field component.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

HED 299 - Contemporary Health Issues (3)

Psychological, social, and physical implications of health education. Emphasis on creative teaching as well as the professional organizations associated with health education. Studies the theory and practice of selecting, organizing, and teaching health. Discussions include: consumer health issues, choosing reliable products and services, distinguish between valid and questionable information in the media and internet. Requires a field component.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

HED 312 - Nutrition for Health & Human Performance (3)

Study of nutrition and its relationship to health and physical performance. Covers nutrition throughout the life span and relation to the enhancement of health, fitness, and sport performance. Recommended dietary intakes, supplements, ergogenic aids, special populations, weight control, weight loss and weight gain.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

HED 332 - Advanced Sport Nutrition (3)

The focus of this course is on the nutritional needs of athletes. Topics to be considered may include metabolism, fuel sources for exercise and competition, the role of nutrients in a healthy diet, energy

production/expenditure, digestion/absorption, fluid balance, dietary supplements, and adjusting nutritional needs for training adaptations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HED 393 - Health Seminar (3)

A discussion of selected topics and issues in the area of health education. Topics may vary for each semester the course is offered. Requires a field component.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HED 400 - Human Behaviors & Relationships (3)

Emphasizes mental and emotional health, human sexuality and relationships. Prepares the future health educator to teach the components of mental and emotional health and the relationship between health and human sexuality.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

History

HIS 101 - Western Civilization I (3)

An introductory survey of social, intellectual, aesthetic, religious, and institutional developments of the western world up to the seventeenth century. The course will explore the foundational contributions made to the civilization of the West by the Greeks and Romans, as well as examine the rise and growth of the Christian faith and its impact on the Medieval and Reformation eras. The course concludes with a discussion of the Renaissance and the discovery of the Americas and how these developments prepared the West for the coming of the modern era.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HIS 102 - Modern European History (3)

A continuation of the study of western civilization that begins in the seventeenth century and concludes with the contemporary era. The course will describe the settling of religious differences in Europe, the Age of the Enlightenment, the emergence of nation-states, and the growth of nationalism and western imperialism in the opening centuries of the modern age. The course concludes by exploring the twentieth century and the impact of totalitarian ideologies, world wars, and the emergence of minority and Third World issues.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

HIS 201 - History of the United States to 1876 (3)

An introductory survey from Elizabethan times to the period of reconstruction.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HIS 202 - History of the United States since 1876 (3)

A continuation of HIS 201 from 1876 to the present.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HIS 221 - Empire & Resistance (3)

Empire & Resistance: From Colonialism to Post-Colonialism and Beyond

Empires, and resistance to them, have always been part of the human experience. In fact, history is often defined by the friction between two human desires: the need to control others and the hope for self-determination. In the last 500 years, this friction played itself out on the global stage as Western empires rose to prominence. This course will examine the phenomenon of empire and responses to it from 1500 to the present. During this time, empire and resistance manifested themselves in political, economic, and cultural modes. As such this course will take a multidisciplinary approach that examines a wide-variety of sources, including popular media, fiction, government reports, and personal writings. Throughout the course, we will examine questions like: What drives the creation of global empires? How have colonizers wielded power to subjugate others? What tools, strategies, and frameworks have people utilized to resist empire? How have factors like race, religion, class or gender shaped empire and resistance to it?

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

HIS 265 - Honors History (3)

Honors Program course in History. Course syllabus varies by semester. Equivalent to HIS 102.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

HIS 311 - War in the American Memory (3)

Wars have always cast long shadows over American history. Battles over the meaning and memory of wars have shaped American culture and politics long after the actual bullets have stopped flying. The memory of wars how the participants and subsequent generations perceive them, what we collectively remember and what we forget may be as important as the wars themselves in influencing American culture. This course will examine the memory of wars in American history from the colonial period to the present. Memory manifests itself broadly in culture in politics, literature, art, monuments, and film. Thus, we will take a multidisciplinary approach, using art, fiction, and film. We will ask questions such as: How has the memory of various wars shaped American politics, culture, and society? In turn, how has American culture influenced the way that wars are remembered? How do factors such as race, religion, class, gender, and region influence the ways in which individuals and the larger culture remember war?

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HIS 314 - Women in U.S. History (3)

This course examines the ideas and experiences of women in the United States from the 1600s to the present. Attention is devoted to influence of both elite and marginalized women. In addition to reading a narrative historical account, students will examine and interrogate primary sources relating to women's history, and gain experience in original research by conducting and analyzing an oral history interview to help answer a social science research question.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other spring

HIS 316 - The United States in the 1960's (3)

"History with a capital H had come down to earth, " wrote New Leftist Todd Gitlin of the 1960s."People were living with a supercharged density." This course probes the decade's ferment, exploring the political, economic, social, cultural, and religious development of the United States from roughly 1960 to 1974. Placing the era in historical and global perspective, this course covers major events and trends including John F. Kennedy's New Frontier, Lyndon Johnson's Great Society, the civil rights and feminist movements, the Vietnam War, the New Left, the counterculture, Richard Nixon and Watergate, and the seeds of the New Right.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HIS 320 - Ancient History (3)

A study of the development of Mediterranean Civilization from its inception to the dissolution of the western half of the Roman Empire.

Prerequisite(s): HIS 101, HIS 102, HIS 201, or HIS 202

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

HIS 321 - History of Christianity (3)

A study of the growth of the Christian Church from the Council of Nicea to the present with emphasis on the formation of orthodoxy and its interrelation to surrounding society.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HIS 322 - Medieval Civilization (3)

An examination of the formation and mutation of the salient features of medieval society.

Prerequisite(s): HIS 101, HIS 102, HIS 201, or HIS 202

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HIS 350 - Survey of Non-Western Cultures (3)

A review of three major non-Western cultures: Islam and the Middle East, China, and Japan.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HIS 352 - History of Latin America (3)

A study of the social, cultural and political institutions of Latin America from colonial days to the present. Particular attention will be given to the formation of Latin society during the colonial period, the impact of the revolutionary era and the attempts of the Latin American nations to achieve social, political and economic stability and progress in the nineteenth and twentieth centuries.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

HIS 353 - East Asian History and Civilization (3)

This course is a general survey of the interrelated yet divergent histories of three East Asian countries: China, Japan, and Korea. By tracing developments in culture, philosophy, and socio-economic structures, this course will chart the radical changes which took place in East Asian society from the dawn of history to the present. The first section of the course will focus on the development of East Asian culture and the various empires which rose and fall prior to the modern period. The second section of the course will focus on the transformation of East Asian societies brought about through increased interactions with the West and internal movements for

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other fall

HIS 364 - The City in Modern History (3)

Urban life is increasingly coming to define the human experience. More than half the human population lives in cities, and that statistic is expected to rise. Throughout history, cities have proven to be important centers of political, economic, and cultural growth. Yet, at times, cities have also been held in contempt as sources of exploitation, degradation, and human vice. This course serves as an introduction to urban and spatial history. Starting in the early modern period and moving to the mid-20th century, this course will examine different kinds of global cities, interrogate how they have changed over time, and explore how those changes have impacted the human experience. We will ask questions like: What unseen labor, infrastructure, and resources make city life possible? How have people imagined more just and environmentally sustainable cities? How have factors such as gender, race, and religion affected the development of cities? How have processes like globalization and colonization altered the nature of urban existence?

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other fall

HIS 375 - The Study of History (3)

A survey of history as academic discipline and as profession. The course will include philosophies of history, the contemporary academic and professional scene and detailed guidance in preparation of research papers.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

HIS 391 - Directed Study (1-3)

Directed reading in a concentrated area and the writing of a major paper.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

HIS 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with appropriate course requirements. Credit may be given more than once.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

HIS 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Intercultural Studies

ICS 201 - Christianity & World Religions (3)

A critical analysis of the belief systems and behavioral practices of contemporary religious systems. Special attention is given to the development of healthy interreligious dialogue and missionary strategies for reaching those people groups who practice such religious systems with the message of the Gospel.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ICS 210 - Cross-Cultural Life & Work (3)

Presents readings and research into the organizational and practical aspects of missions, including selection of candidates, funding, interpersonal relationships, and family versus-ministry tensions. The course focuses on the work and ministry of the cross-cultural minister on the field.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

ICS 250 - World Christianity (3)

Examines the multi-faceted nature of the World Church that crosses cultural, continental, and denominational barriers. This course seeks to help the student understand his/her place in the broader Christian family so as to appreciate and engage with Christians of different backgrounds.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ICS 311 - Strategies in Intercultural Communication (3)

Focuses upon the development of skills needed for effective, cross-cultural communication of the Gospel. Attention is given to strategic concerns such as the understanding of one's target audience, the task of identification with that target audience, and the effects of cultural differences on the communication process.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ICS 312 - Mission Theology & Strategy (3)

Considers the biblical, theological, and historical dimensions of mission. Includes study of strategies for world evangelism, transforming communities, and for church movements within specific cultural contexts.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

ICS 322 - Contextualization: Christianity & Culture (3)

Examines the impact of culture upon Christianity in all cultures, including our own, and the need for effective contextualization of the Gospel in every culture in order to address matters of faith and establish an indigenous church. This course is best taken by students in their last year of a degree program who have foundations in theology/Bible and culture as they prepare to be leaders and innovators in their churches and mission fields.

Prerequisite(s): TH 250

Grading Method: Letter Grade

Term Typically Offered: Spring

ICS 330 - The Church in Context (3)

A course offered in conjunction with a visit to a context outside North America with significant interaction with church leaders and/or missionaries learning how the church is contextualizing the Christian Gospel or is hoping to appropriately reach a population. Travel Course.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

ICS 340 - Urban Ministry (3)

Addresses the church's response to the social, economic, and political dynamics of urban centers. Building on a biblical foundation, mission/ministry in the city is viewed from three perspectives: historical, contemporary, and future. The global explosion of urban growth will be examined, and strategies will be explored to help the church move ahead in the midst of the tremendous challenges of poverty, racism, human exploitation, and corruption.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

ICS 435 - Internship (3-4)

Integrates the practical experience of a short-term, cross-cultural assignment with directed, academic research. The course is carried out in connection with an approved agency such as a mission board, national church ministry, intercity outreach, etc. The student's performance is evaluated and graded by a faculty member of Asbury University in consultation with the approved agency.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Contract course offering

Instructional Design

ID 201 - Foundations, Theory, & Practice (3)

Students will examine the use of instructional design theories and models to create materials that are appropriate in a variety of settings. Theories and models to support the design of web-based instruction will be emphasized. Students will focus on strategies for instruction, media selection, and evaluation that will enable them to design in technology rich environments.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

ID 202 - Instructional Design & Messaging I (3)

Students will engage in the fundamentals of Instructional Design and Messaging including design and development of instructional strategies that are relevant to a specific student-selected topic of interest. Students will learn and apply a given approach to completing each phase of a common design process and will plan and produce projects from each of these phases to demonstrate mastery of each phase. Emphasis will be placed on the process of project planning, design, development, implementation and evaluation.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

ID 211 - Technology Issues & Trends (3)

This course will provide an introduction to the field of instructional technology and its impact on training and communication. Historical and current perspectives are examined, as well as emerging trends and issues. The application of innovative instructional technology is introduced in this project-based course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

ID 212 - Instructional Design & Messaging II (3)

This course includes the study of the knowledge and skills required to perform the primary steps in the instructional design process; analysis, design, development, implementation, and evaluation.

Prerequisite(s): ID 202

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

ID 385 - Training & Communication (3)

Students will study the development of integrated instructional systems for performance improvement in training and teaching contexts. Course emphasizes the design, development, implementation, and evaluation of instructional solutions, including communication strategies and techniques for facilitating training.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: spring

ID 410 - Assessment/Evaluation (3)

In this course, students will demonstrate assessment literacy and will design and develop assessments to be integrated into the learning process. Students will learn to identify the differences in formative and summative evaluation data and design online learning scenarios to address both. Emphasis is placed on the development of a variety of effective assessment tools.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: spring

ID 450 - Project Management (3)

This course explores project management methodologies, procedures, and tools and their applications related to the creation and implementation of educational and training solutions. The course emphasizes strategies for managing human, financial, and technology resources based upon the constraints, scope, and nature of the project being designed.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: spring

IDA 201 - Foundations, Theory, & Practice (3)

Students will examine the use of instructional design theories and models to create materials that are appropriate in a variety of settings. Theories and models to support the design of web-based instruction will be emphasized. Students will focus on strategies for instruction, media selection, and evaluation that will enable them to design in technology rich environments.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

IDA 202 - Instructional Design & Messaging I (3)

Students will engage in the fundamentals of Instructional Design and Messaging including design and development of instructional strategies that are relevant to a specific student-selected topic of interest. Students will learn and apply a given approach to completing each phase of a common design process and will plan and produce projects from each of these phases to demonstrate mastery of each phase. Emphasis will be placed on the process of project planning, design, development, implementation and evaluation.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

IDA 211 - Technology Issues & Trends (3)

This course will provide an introduction to the field of instructional technology and its impact on training and communication. Historical and current perspectives are examined, as well as emerging trends and issues. The application of innovative instructional technology is introduced in this project-based course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

IDA 212 - Instructional Design & Messaging II (3)

This course includes the study of the knowledge and skills required to perform the primary steps in the instructional design process; analysis, design, development, implementation, and evaluation.

Prerequisite(s): IDA 202

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

IDA 385 - Training & Communication (3)

Students will study the development of integrated instructional systems for performance improvement in training and teaching contexts. Course emphasizes the design, development, implementation, and evaluation of instructional solutions, including communication strategies and techniques for facilitating training.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: spring

IDA 410 - Assessment/Evaluation (3)

In this course, students will demonstrate assessment literacy and will design and develop assessments to be integrated into the learning process. Students will learn to identify the differences in formative and summative evaluation data and design online learning scenarios to address both. Emphasis is placed on the development of a variety of effective assessment tools.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

IDA 450 - Project Management (3)

This course explores project management methodologies, procedures, and tools and their applications related to the creation and implementation of educational and training solutions. The course emphasizes strategies for managing human, financial, and technology resources based upon the constraints, scope, and nature of the project being designed.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: spring

Instrumental Music

INS 100 - Class Guitar (1)

Class lessons for the beginning student in guitar.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

INS 201 - Private Lessons for Non-Majors (1-2)

For all non-majors studying private wind, string or percussion instruments. Students registering for 1 credit hour receive a one-half-hour lesson weekly. Students registering for 2 credit hours receive a one-hour lesson weekly. Students are encouraged to also enroll in an approved ensemble. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

INS 211 - Private Lessons for Underclassmen Music Majors & all Music Minors (1-2)

Underclassmen music majors and music minors enroll for 4 semesters of private instruction at the 211 level. Students registering for 1 credit hour receive a one-half-hour lesson weekly. Students registering for 2 credit hours receive a one-hour lesson weekly. Students selecting a performance emphasis are required to register for 2 credit hours per term. May be repeated.

Prerequisite(s): Acceptance into the music major or music minor by audition, as described in the Music Student Handbook.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

INS 411 - Advanced Private Lessons for Upperclassmen Music Majors (1-2)

Upperclassmen music majors in the B.A. degree program must complete 4 semesters of instruction at the 411 level. Those electing the Performance Emphasis are required to enroll for 2 credit hours per term. Students whose emphasis is Composition or Music History are only required two semesters of private lessons at the 411 level with a demonstration of major instrument proficiency as outlined in the recital guidelines published by the Music Department (available at this website: www.asbury.edu/academics/departments/music/music-home/current-student-forms). Upperclassmen music education majors in the B.S. degree program must complete at least 3 semesters of instruction at the 411 level. May be repeated.

Prerequisite(s): Upperclassman Proficiency Exam passed, as described in the Music Student Handbook.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

INS 461 - Instrumental Pedagogy (1)

Designed for performance emphasis students but not restricted to them. Open to students preparing to teach brass, woodwind, string, or percussion instruments. Emphasis is given to a survey of pedagogical procedures and materials. Practical experience is gained through supervised teaching.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

INS 462 - Instrumental Pedagogy (1)

Designed for performance emphasis students but not restricted to them. Open to students preparing to teach brass, woodwind, string, or percussion instruments. Emphasis is given to a survey of pedagogical procedures and materials. Practical experience is gained through supervised teaching.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Journalism

JRN 110 - Foundations of Journalism (3)

In this course you will acquire fundamental interviewing, newsgathering and writing skills needed to thrive as journalists working in any medium. The class also provides a basic overview of journalism history and current industry structure. The course focuses on essential practices and principles that apply to reporters, photographers, bloggers, producers and editors across all media formats. The class emphasizes news judgment, storytelling and reporting skills, as well as writing clearly and quickly.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

JRN 207 - Journalism Design (3)

In this course you will examine how design can strongly influence and even determine a news story's structure and meaning. You will learn the appropriate Adobe software needed to design print and online content delivery. You will explore how typography and images convey meaning. The aim of this course is to improve communication through visual language.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

JRN 214 - Video Journalism (3)

This is an entry-level course designed to serve as an introduction to the aesthetics and techniques of basic video production. You will develop the ability to capture video images and audio and edit those two elements together to tell engaging nonfiction stories. No videography experience is necessary prior to taking this course!

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

JRN 285 - Travel Journalism (3)

Students travel to other countries, meet international journalists, and contribute travel stories and video segments to an original website. (Optional Summer Course)

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

JRN 303 - Features & Opinions (3)

You will learn to research, organize, and write feature articles and opinions for newspapers, magazines, and online media. You will develop strategies for finding and focusing stories, interviewing, observing, structuring your writing, and sustaining an engaging nonfiction story. Coursework will culminate with you authoring a professional quality feature article for inclusion in your writing portfolio.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-odd years

JRN 333 - Advanced Journalistic Research/Writing (3)

A rigorous examination and grounding in research and investigative methods from preparing for interviews to records searching, from computer-assisted reporting to the use of the Freedom of Information Act. Students will learn how to verify sources, as well as how to detect and avoid "fake news". Online course, which includes travel to NY or DC for reporting and research.

Prerequisite(s): JRN 110, JRN 390

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-even years

JRN 343 - Photojournalism (3)

Students learn how to shoot the storytelling moments with still photos and create audio slideshows for news outlets.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

JRN 374 - Emerging Storytelling Media (3)

This course explores the frontlines of emerging multimedia technologies in the newsroom such as VR, mobile reporting, augmented reality, 360-video, bots, podcasting, satirical comedy programming, and how these emerging techniques can strengthen nonfiction storytelling.

Prerequisite(s): JRN 110 or MC 212, JRN 214 or MC 302, and JRN 207 or MC 225

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall-even years

JRN 376 - Global Journalism (3)

Focuses on covering conflict, religion, human rights, and global press freedom challenges, trends in international journalism, and how reporting can change when you cross borders. How do you get a domestic audience to care about a story taking place halfway across the world? In this course you will explore the practical and theoretical issues involved in reporting the world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-even years

JRN 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in the field of Journalism. A student may not take more than four (4) hours of independent study.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

JRN 393 - Seminar (1-3)

A seminar focusing on one or more significant areas of journalism such as advocacy journalism, editing, pictorial journalism, journalism history, propaganda/persuasion in the media, devotional writing, review writing for books, plays, films, and records. Topics chosen by instructor. For students having completed two three-hour journalism courses. May be repeated.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

JRN 435 - Internship (1-6)

Journalism or related industry experience under the supervision of a journalism professional. Students must be a junior or senior and must have taken 12 hours in JRN. May be repeated.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

JRN 490 - Senior Capstone (3)

You will develop and produce a portfolio project from start to finish, while acquiring and applying the skills of self-employment. You dive into juggling technology, reporting, and entrepreneurial skills. You learn the basics of budgets, taxes, and legal practices of freelance and sole-proprietor journalism and discover the risks and rewards of pursuing stories without the support and restrictions of a newsroom.

Prerequisite(s): JRN 110, JRN 214, and JRN 207
Grading Method: Letter Grade
Term Typically Offered: Spring

PE - ROTC

KHP 107 - Beginning Conditioning (1)

Instruction in a variety of motor skills activities. Courses are designed for students at a beginning level. Up to six hours credit may be earned in service course. This course may count towards satisfying the PE Foundations requirement. May be repeated.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

KHP 136 - Adv. Service Course - MS II (1)

Instruction in a variety of motor skills activities. The courses are designed for students who already possess intermediate skill in the activity. Instructors will assess skill at start of course. Up to six hours credit may be earned in service courses; however, the same activity may not be repeated for credit. Assignment of specific titles will occur internally in the department.

Prerequisite(s): Completion of comparable service course or demonstrated competency.

Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

KHP 137 - Adv. Service Course - MS III (1)

Instruction in a variety of motor skills activities. The courses are designed for students who already possess intermediate skill in the activity. Instructors will assess skill at start of course. Up to six hours credit may be earned in service courses; however, the same activity may not be repeated for credit. Assignment of specific titles will occur internally in the department.

Prerequisite(s): Completion of comparable service course or demonstrated competency.

Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

KHP 138 - Adv. Service Course - MS IV (1)

Instruction in a variety of motor skills activities. The courses are designed for students who already possess intermediate skill in the activity. Instructors will assess skill at start of course. Up to six hours credit may be earned in service courses; however, the same activity may not be repeated for credit. Assignment of specific titles will occur internally in the department.

Prerequisite(s): Completion of comparable service course or demonstrated competency.

Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

Liberal Arts

LA 100 - Engaging the Liberal Arts (1)

An interactive seminar designed to promote critical and conceptual thinking about questions arising about human life, culture, experience, and Christian faith. Required of all new first-time full-time students and freshmen transfers.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

LA 375 - Why Work? Meaning and Outcome in the Real World (3)

The world of work can be intimidating, the thought of a job search panic-attack-inducing, and the question of "good work" an academic discussion for people who already have it all. In this class, we're going to cut through that anxiety without putting off the inevitable, and we'll do so by integrating the theological with the practical. The specific topics we will cover are: developing a theology/ philosophy of work, curating your own experiences defining success, understanding the (job) market, making something of value, and making meaning in imperfect situations. The class is highly experiential: while you will learn *about* best practices for job resumes, you will also actually practice incorporating these practices as you write your own resume (and give feedback on others'). When we discuss how to "define success", you'll interview someone you respect about their own understanding of work success and report back to your classmates. Instead of simply talking about good work and its purpose, you'll be challenged (and equipped) to create something that benefits another person. You'll come away with a better sense of what you bring to the table, how to articulate that to others, and what you've already done that prepares you to work well.

Prerequisite(s): Junior or senior classification, and having completed at least 33 credits of TUG foundations requirements.

Grading Method: Letter Grade
Term Typically Offered: Spring

Latin

LAT 101 - Elementary Latin I (3)

An introduction to classical Latin with an emphasis on grammatical foundations. This course is designed for students who have never studied Latin.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

LAT 102 - Elementary Latin II (3)

Grammatical review and expansion of Elementary Latin I.

Prerequisite(s): LAT 101 or placement by examination.
Grading Method: Letter Grade
Term Typically Offered: Spring

LAT 201 - Intermediate Latin I (3)

Continued development of grammar and translation skills in Latin.

Prerequisite(s): LAT 102 or placement by examination.
Grading Method: Letter Grade
Term Typically Offered: Fall

LAT 202 - Intermediate Latin II (3)

A continuation of LAT 201.

Prerequisite(s): LAT 201 or placement by examination.
Grading Method: Letter Grade
Term Typically Offered: Spring

LAT 301 - Readings in Latin Literature I (3)

Readings in Latin literature from the major literary figures of the classical period.

Prerequisite(s): LAT 202 or placement by examination.
Grading Method: Letter Grade
Term Typically Offered: Fall

LAT 302 - Readings in Latin Literature II (3)

Readings in Latin literature from the major literary figures of the classical period.

Prerequisite(s): LAT 301 or permission of the professor.
Grading Method: Letter Grade
Term Typically Offered: Spring

LAT 391 - Independent Study (1-3)

Independent study in a specialized field in consultation with supervising professor. Requirements usually include assigned readings combined with a research paper.

Prerequisite(s): Completion of LAT 202 and a 3.0 GPA in Latin courses, or by permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

LAT 393 - Seminar (1-3)

A course designed for advanced students with the area of concentration to be determined by the staff. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

LAT 401 - Readings in Latin Literature III (3)

Advanced readings in Latin literature from the major literary figures of the classical period.

Prerequisite(s): LAT 302 or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Fall

LAT 402 - Readings in Latin Literature IV (3)

Advanced readings in Latin literature from the major literary figures of the classical period.

Prerequisite(s): LAT 401 or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Spring

Leadership & Ministry

LMN 310 - Strategies for Success (3)

The setting of goals, as well as priorities among those goals, with an emphasis on how those goals and priorities relate to the realities and aspirations of life. The attitude of the individual, including other aspects of psychological makeup and how it affects the ability and willingness to set goals and priorities. An emphasis on how goals, priorities and attitudes can lead to effective Christian personal management.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

LMN 322 - Old Testament History (3)

A survey of Israel's history as presented in the Pentateuch and the historical books with emphasis on creation, fall, covenant, kingship, and Israel's role in God's redemptive work.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

LMN 332 - Leadership in Ministry (3)

A survey of foundational principles of spiritual and organizational leadership in ministry settings. Particular focus is placed on team leadership and development of leaders.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 342 - Jesus and the Gospels (3)

A study of the life of Jesus in its ancient socio-historical and canonical contexts, and of the Four Gospels with regard to their literary genres and forms, settings, theology, and contemporary relevance.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 352 - Studying & Teaching the Bible (3)

An introduction to processes for studying and understanding the Bible with a view toward life application. Students develop skills in these processes, as well as in preparing and leading group Bible studies.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

LMN 362 - Old Testament Prophetic Literature (3)

A study of selected passages from key prophetic books focusing upon the prophets' message of justice, mercy, salvation and future hope.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 372 - Dynamics of Spiritual Growth (3)

A study of the dynamics of Christian growth and maturity, with special emphasis on the Spirit-filled life. Concepts of discipleship and spiritual formation will be considered in the light of human developmental patterns. The course is concerned with students' own spiritual growth, and their facilitation of others' spiritual growth.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

LMN 378 - Growth of the New Testament Church (3)

A study of the emergence and development of the first century Christian church in relationship to its historical, religious and philosophical milieu, with particular attention given to the Book of Acts.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

LMN 382 - New Testament Letters (3)

A study of select epistolary literature of the New Testament especially Paul's major letters, Hebrews, and 1 John focusing on principles of interpretation, theological content, ethics, and spiritual formation.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

LMN 392 - Congregational Education (3)

Principles and practices for the church's ministry of education and disciple-making will be considered, with concern for integration of Biblical/theological perspectives with the findings of educational and developmental research.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

LMN 397 - Christianity & World Religions (3)

A critical analysis of the beliefs and practices of contemporary religious systems, including Islam, Buddhism, Hinduism, animism, and secular humanism. Special attention is given to developing strategies for intersecting people groups who practice such religious systems with the message of the Gospel.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

LMN 410 - Mentoring in Ministry (3)

(Ministry Management program) An examination of the practice of mentoring as a tool for assisting people in life development and Christian discipleship. The course will explore the diversity and pervasiveness of mentoring as a construct and as a practice. Students will learn to do literature review and are expected to be in a mentoring relationship while in the course.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

LMN 412 - History of the Early Church (3)

A study of the development of the post-apostolic Christian church through the Council of Chalcedon (451 A.D.).

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

LMN 422 - Small Groups (3)

An exploration of the value and function of small groups for discipleship and leadership development. Principles and practices of leading such groups will be studied, and students will become acquainted with historical and contemporary models of small group ministry.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

LMN 432 - Psalms & Wisdom (3)

An introduction to the Psalms and Wisdom Literature of the Old Testament emphasizing the theological themes of praise and worship, lament and doubt, and the ethical dimensions of biblical faith.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 433 - Flourishing in Ministry (3)

(Ministry Management program) An analysis of factors that contribute to longevity and satisfaction in the role of minister. Wellness begins in a journey of personal self-awareness, as well as gaining an understanding of self-care and lifestyles that promote balance throughout the lifecycle. The holistic focus of the course includes consideration of marital, interpersonal, physical, and spiritual dimensions. Sources of stress, burnout, impairment, and means for coping will be a particular concern of the course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 434 - Organizational Strategies in Ministry (3)

A study of organizational strategies and administrative structures for effective ministry. Attention is given to planning, implementing and evaluating the organizational and administrative framework of various types of ministries.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

LMN 442 - Theology of Mission (3)

A study of theological foundations for mission, including examination of both Old and New Testament texts. Attention will be given to Israel's responsibility for other nations, the commissions given by Jesus, and the missiological practices of Paul and other early church leaders, with an eye toward principles for reaching today's world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 443 - Single & Married in Ministry (3)

(Ministry Management program) Building on the LMN 433 Flourishing in Ministry course emphasis on self-care for ministers, this course seeks to enrich the family life of ministers - a significant factor in high minister drop-out rates. Strategies for dealing with normal stressors of marriage and family, as well as those that are unique to families where one or more of the married persons are ministers, will be explored. A secondary, but important, focus of the course will be equipping ministers for coaching others in their family relationships.

Prerequisite(s): LMN 433 (MM program)

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 453 - Ministry Risks & Crises (3)

(Ministry Management program) An exploration of a range of crisis possibilities and risk management issues that confront ministry leaders in the North American context. Students will develop policies and procedures related to facility lock-downs, safety and liability, screening of volunteers, personal/professional boundaries,

and coordination/accountability with community public safety and regulatory agencies. Crisis counseling models for effective pastoral care through normative life transitions and trauma will be included. Case study will be a primary method in this course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

LMN 462 - The Church in Contemporary Society (3)

The role of the Church within society will be explored in the light of Biblical teaching about the Kingdom of God, with concern for various models and expressions of church in the contemporary setting.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

LMN 472 - Christian Theology (3)

An exploration of the Christian faith from the perspective of biblical, historical, and systematic theology.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

LMN 475 - Contemporary Issues in the Ministry Context (3)

(Ministry Management program) A study applying Christian faith and ministry practice to the contemporary cultural context, recognizing such context includes values and policies that may be at variance with orthodox faith positions. Students learn and practice a process of theological reflection, based on a Wesleyan-Holiness perspective, as a framework for developing Christian faith-centered engagement with present and emergent issues and challenges.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

Mathematics

MAT 111 - College Algebra (3)

Review of fundamental concepts of algebra including radicals, exponents, products and factoring. A study of equations and inequalities, and functions and graphs including polynomial and rational functions. (Course does not meet the Foundations requirement for Asbury University.)

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

MAT 112 - Precalculus (3)

Emphasizes a strong working knowledge of logarithmic and trigonometric functions. A major review of algebra with emphases on functions. Includes a preview of calculus. (Course does not meet the Foundations requirement for Asbury University.)

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

MAT 118 - Math That Matters I (3)

This course offers a survey of various mathematical topics in a liberal arts context with an emphasis on the appreciation of mathematics in everyday lives. Students will work on strengthening their basic knowledge and applications of mathematics while honing their computational skills. Required of all students with Math test score of ACT 21 or below, pre-2016 SAT 500 or below, or new 2016 SAT 530 or below.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 119 - Math That Matters II (3)

The second course in the sequence will extend the knowledge of various mathematical topics in a liberal arts context with an emphasis on the appreciation of mathematics in everyday lives. Students will continue to work on strengthening their basic knowledge and applications of mathematics while honing their computational skills.

Prerequisite(s): MAT 118

Grading Method: Letter Grade

Term Typically Offered: Spring

MAT 120 - Viewing Life Mathematically (3)

This course offers a survey of various mathematical topics in a liberal arts context with an emphasis on quantitative literacy. The applications will span many disciplines as to support the theme that math is everywhere and impacts many facets of life. Topics include key algebraic, geometric, financial, and statistical concepts. Throughout the course, students will hone their computational skills and extend their knowledge through problem solving and applications.

Prerequisite(s): Math test score of ACT 22, pre-2016 SAT 510, or new 2016 SAT 540, or transfer of MAT 111 or MAT 112

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MAT 130 - Modeling Your World (3)

This course focuses on the application of computational tools to solve quantitative problems. To accomplish this goal, the course will introduce a variety of mathematical techniques to analyze and study real-world phenomena such as financial models, statistical analysis, and predictive modeling. These mathematical concepts will be coupled with introductory computer programming skills; students will design and create software to implement mathematical solutions.

Prerequisite(s): Math test score of ACT 22, pre-2016 SAT 510, or new 2016 SAT 540; or successful completion of MAT100 or MAT118.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MAT 170 - Introduction to Mathematical Modeling (1)

This course is an introduction to mathematical modeling in conjunction with an international competition in modeling based on the use of functions to describe and explore real-world phenomena and data. Computational tools are used to implement, examine, and validate the created models. By working in teams, students are expected to actively engage in the modeling process by questioning phenomena, analyzing data, and using computational tools to develop and evaluate the efficacy of their models. May be repeated multiple times.

Prerequisite(s): MAT181

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: spring

MAT 180 - Introduction to Calculus (4)

This course is designed to introduce one-variable Calculus concepts, theorems, and techniques and to strengthen knowledge of trigonometry and advanced algebra including rational, exponential, and logarithmic functions. Students will gain understanding of functions in preparation for the process of differentiation and integration. Topics explored will include an introduction to limits and continuity, derivatives, and definite integrals. Students are expected to develop effective problem-solving skills based on their understanding of the theory and not just memorize a set of routines to solve problems.No

Prerequisite(s): Math Score in ACT of 22; pre-2016 SAT of 510; 2016 SAT of 540, or MAT 100 or MAT 118

Corequisite(s): MAT180L

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 181 - Calculus I (4)

This course covers topics in Calculus related to the definition of derivatives and limits; derivatives of elementary functions; applications of derivatives; elementary integrals; and applications of integrals.

Prerequisite(s): Math Score in ACT of 22; pre-2016 SAT of 510; 2016 SAT of 540 or MAT 100 or MAT 118.

Corequisite(s): MAT 181L

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 182 - Calculus II (4)

This course covers topics in Calculus related to integration techniques; parametric and polar functions; and sequences and series.

Prerequisite(s): MAT 181

Corequisite(s): MAT 182L

Grading Method: Letter Grade

Term Typically Offered: Spring

MAT 183 - Calculus III (4)

This course covers topics in Calculus related to vector functions and the geometry of space, partial derivatives, and multiple integrals.

Prerequisite(s): MAT 182

Corequisite(s): MAT 183L

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 232 - Introduction to Probability & Mathematical Statistics (3)

An introduction to the basic concepts of mathematical statistics including the organization and descriptive analysis of data, probability, sampling distributions, hypothesis testing, and simple regression and correlation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

MAT 241 - Logic & Sets (3)

A study of the language of logic and of the theory of sets with their applications to various content areas of mathematics for the purpose of helping the student acquire an ability to construct mathematical proofs.

Prerequisite(s): MAT 181

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MAT 252 - Differential Equations & Modeling (3)

A first course in the quantitative solution of differential equations, including first-order equations, and second- and higher-order linear equations. There will be an emphasis throughout the course on the application of differential equations to various real-world problems.

Prerequisite(s): MAT 182

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 255 - Financial Mathematics (3)

This course is designed to provide an understanding of the fundamental concepts of financial mathematics and how those concepts are applied in various settings in preparation for the Actuary FM Exam. Students will gain knowledge related to calculating present and accumulated values for various streams of cash flows as a basis for future use in reserving, valuation, pricing, asset/liability management, investment income, capital budgeting, and valuing contingent cash flows.

Prerequisite(s): Math score ACT of 22; pre-2016 SAT of 510; 2016 SAT of 540 or MAT 120 or higher.

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

MAT 265 - Honors Mathematics (3)

Honors Program course in Mathematics. Course syllabus varies by semester. Equivalent to MAT 120.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

MAT 271 - Linear Algebra (3)

A study of linear algebra, including vector spaces, matrices, determinants, inner products, linear transformations, and eigenvalues and eigenvectors.

Prerequisite(s): MAT 182

Grading Method: Letter Grade

Term Typically Offered: Spring

MAT 281 - Probability (3)

Calculus-based introduction to probability including distributions of discrete and continuous random variables, expected values, and the Central Limit Theorem.

Prerequisite(s): MAT 183

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MAT 303 - Elementary School Mathematics III (3)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the learning of content for grades 5-7. Selected material from other grade levels will be explored, including a comprehensive review of skills and knowledge for elementary and middle school mathematics. A clinical component of the course will focus on preparing math lessons for grades 5-7 students which integrate technology and focus on conceptual understanding.

Prerequisite(s): MAT 302/MTA 302 with a minimum grade of C.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

MAT 308 - Elementary Math Content & Methods I (4)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the teaching and learning of content for grades K-2. Selected material from other grade levels will be explored in preparation for future courses in the series. A clinical component of the course will focus on preparing math lessons for primary grade students, which integrate technology and focus on conceptual understanding.

Prerequisite(s): MAT 100, MAT 118 or equivalent course or Math test score of ACT 22/pre-2016 SAT 510 or comparable new 2016 SAT.

Corequisite(s): MAT308L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MAT 309 - Elementary Math Content & Methods II (4)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the teaching and learning of content for grades 3-5. Selected material from other grade levels will be explored in preparation for future courses in the series. A clinical component of the course will focus on preparing math lessons for grades 3-5 students, which integrate technology and focus on conceptual understanding.

Prerequisite(s): MAT308 with minimum grade of C.

Corequisite(s): MAT309L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MAT 350 - Mathematical Modeling (3)

This course is designed to foster the formulation and analysis of mathematical models. Mathematical tools include dimensional analysis, optimization, simulation, probability, and elementary differential equations. Applications of a variety of mathematical techniques will be addressed throughout the course using computational tools. Discrete and continuous models, theoretical and empirical models, deterministic and probabilistic models, and analytic and simulation models will be considered.

Prerequisite(s): MAT252 & MAT271

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 361 - Probability & Statistics (4)

This course is an introduction to probability and statistics including the organization, representation, descriptive analysis, and interpretation of data; the design of surveys, experiments and observational studies; continuous and discrete probability; conditional probability; combinatorial techniques; hypothesis testing; regression and correlation; and generation of confidence intervals. This course is designed for teacher candidates in the Mathematics Grades 8-12 Major, Middle School Math Concentration, and Elementary Math Concentration.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every third Fall

MAT 362 - Modern Geometry (4)

This course is on a study of geometry including transformations, congruence, similarity, trigonometry, coordinate geometry, 2- and 3- dimensional shapes, traditional and alternate systems of constructions, proofs, non-Euclidean geometries, and measurement. Geometry content is explored using manipulatives, dynamic geometry software, and other instructional methods. This course is designed for teacher candidates in the Mathematics Grades 8-12 Major, Middle School Math Concentration, and Elementary Math Concentration.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every third Fall

MAT 364 - Math Technology for Teachers (4)

This course will enable students to use technology more effectively in the mathematics classroom and explore concepts to deepen mathematical understanding. Students will study topics in programming as well as math hardware and software using the TPACK framework. This course is designed for teacher candidates in the Mathematics Grades 8-12 Major, Middle School Math Concentration, and Elementary Math Concentration.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every third Fall

MAT 371 - Algebraic Structures (4)

This course introduces algebraic structures including groups, subgroups, rings, fields and integral domains. Special emphasis is placed on the real number system. Included is a brief introduction to number theory and a review of matrix algebra. A systematic review of Algebra I, Algebra II, Pre-Calculus, and Mathematical Modeling are conducted in a manner appropriate for teacher candidates in the Mathematics Grades 8-12 Major, Middle School Math Concentration, and Elementary Math Concentration.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every third Fall

MAT 391 - Directed Study (1-3)

An advanced study of select problems.

Prerequisite(s): 9 hours of MAT in courses numbered 300 or above and a 3.00 GPA in MAT courses. Not more than four hours may apply toward graduation.

Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

MAT 393 - Seminar (1-4)

Discussion of selected topics. May be offered in conjunction with other departments or as a separate course primarily for math or computer science students.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

MAT 432 - Financial Statistics (3)

Application of statistical methods in finance and economics. Topics include single and multivariate regression analysis, integrated methods, moving average models, auto-regression models, time series analysis, ARMA and ANOVA models.

Prerequisite(s): MAT 232
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

MAT 435 - Mathematics Internship (0.5-3)

In consultation with program faculty, a student will be placed in an internship in the business, finance, insurance, industry, etc. The student will maintain contact with the faculty sponsor and produce a paper or presentation of the work done during the internship experience.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

MAT 442 - Numerical Analysis (3)

A study of numerical methods concerned with the formulation of mathematical problems so that they may be solved using computers. Topics include root finding, interpolation, integration, and the solution of linear systems and differential equations.

Prerequisite(s): MAT 252, MAT 271
Corequisite(s): CSC 122
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

MAT 462 - Topics in Mathematics for High School Teachers (3)

This course focuses on mastery of standards for mathematical practice and content with the purpose of developing highly qualified grades 8-12 mathematics content experts. Information obtained from assessments and surveys at the beginning of the course will be utilized to create and implement development plans for students.

Prerequisite(s): MAT 361, MAT 362, and MAT 371
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

MAT 463 - Topics in Elementary & Middle School Mathematics (4)

This course focuses on mastery of standards for mathematical practice and content with the purpose of developing highly qualified elementary and middle school mathematics content experts. The clinical course component will pair future teachers with students in grades K-8 to provide remediation, enrichment, and/or tutoring in mathematics. An action research project will serve as the culmination of this course.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasional offering

MAT 471 - Abstract Algebra (3)

An introduction to mathematical theory on rings, groups and their homomorphism and isomorphism.

Prerequisite(s): MAT 241 and MAT 271

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

MAT 475 - Senior Seminar (1)

This course will consist of a series of projects, many of which are chosen by students, on the basis of evaluative procedures and career plans. Most projects will involve class presentations, and projects that integrate several topics will be particularly encouraged.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MAT 482 - Complex Analysis (3)

The first course in the extension of calculus to complex numbers. Topics include the concept of analytic functions, the Cauchy-Riemann equations, Cauchy's theorem and formula, power series, the calculus of residues and the evaluation of definite integrals, conformal maps, and Riemann surfaces.

Prerequisite(s): MAT 252, MAT 271

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MTA 303 - Elementary School Mathematics III (3)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the learning of content for grades 5-7. Selected material from other grade levels will be explored, including a comprehensive review of skills and knowledge for elementary and middle school mathematics. A clinical component of the course will focus on preparing math lessons for grades 5-7 students which integrate technology and focus on conceptual understanding.

Prerequisite(s): MAT 302/MTA 302 with a minimum grade of C.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

MTA 308 - Elementary Math Content & Methods I (4)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the teaching and learning of content for grades K-2. Selected material from other grade levels will be explored in preparation for future courses in the series. A clinical component of the course will focus on preparing math lessons for primary grade students, which integrate technology and focus on conceptual understanding.

Prerequisite(s): Passing score on CASE math section = 150

Corequisite(s): MTA 308L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MTA 309 - Elementary Math Content & Methods II (4)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the teaching and learning of content for grades 3-5. Selected material from other grade levels will be explored in preparation for future courses in the series. A clinical component of the course will focus on preparing math lessons for grades 3-5 students, which integrate technology and focus on conceptual understanding.

Prerequisite(s): MTA 308 with minimum grade of C.

Corequisite(s): MTA 309L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

Media Communication

MC 101 - Media and Society (3)

Development, functions, processes, control, and effects of mass media. A survey of the media industry, its socio-economic role in American society, and the impact of mass media in society, as well as society's influence on the media.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 121 - Audio Production Basics (3)

A broad overview of audio production including audio theory, basic digital audio techniques, basic audio recording and mixing techniques, and familiarity with relevant software and hardware. Required for Audio Production emphasis.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring, Summer

MC 200 - Introduction to Film Production (3)

This hands-on course is experiential - students will actively participate in making a Hollywood-style short film and learn how to fulfill certain roles on film sets. Students will get experience working as crew on this short

film set to learn basic film etiquette. Prerequisite for courses in Cinematography, Producing and Directing.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 211 - Fundamentals of Media Performance (3)

A study of the theories and techniques of performance in film, audio, video, and public address. Students will be given opportunities for performance in studio and other public communication settings. The course will acquaint students with the media performance industry, with emphasis on personal marketing and tools for employment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 212 - Writing for the Media (3)

Examines a variety of techniques and formats including broadcast news, web/interactive media, television commercials/public service announcements, industrial/nonprofit video, documentaries, and screenplays. Practical emphasis on improving writing/editing skills and developing writing strategies.

Prerequisite(s): ENG 110 or ENG 151

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MC 222 - Digital Audio Editing (3)

A comprehensive study of digital audio workstation (DAW) editing techniques used in various audio production environments. Detailed instruction in the use of Pro Tools and other software with emphasis on stereo and multi-track editing, noise reduction, tuning, use of plug-ins, and delivery formats. Lab exercises are used to develop hands-on competency; hands-on proficiencies assess abilities. (offered each spring).

Prerequisite(s): MC 121

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 225 - Interactive Media I (3)

Provides an overview of new multimedia technologies and their impact on human communication as well as cultural, ethical, and industry implications. Emphasizes basic design principles for effective digital information architecture and offers a hands-on introduction to building web sites and creating multimedia presentations. Includes a lab.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MC 228 - Live Audio & Sound Reinforcement (3)

Explores microphone selection, acoustics, live mixing, equalizing, sound reinforcement and live recording.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 261 - Multi-Camera Television Production (4)

Survey of the theory, process, and technique of television production including the planning, preparation, and production of various types of studio and remote programs.

Prerequisite(s): None

Corequisite(s): MC 261L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring, Summer

MC 272 - Film Aesthetics (3)

This course will introduce students to the basics of film aesthetics. This will include the study of essential film theories, film criticism and history, film classics, editing and screenwriting theories, and the key elements of visual storytelling.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 275 - Audio Engineering & Mixing (3)

Examines advanced analog and digital audio signal flow, signal processing equipment and techniques, and sound mixing processes for both music and audiovisual production.

Prerequisite(s): MC 121

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 282 - Feature Film Screenwriting (4)

A writing course in film and television. Original screenplays will be developed. Includes lab for script development and discussion of three act structure and story development based on Aristotle's Poetics and Lajos Egri. Includes a lab. OnlineMay be repeated.

Prerequisite(s): MC 212

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MC 302 - Single Camera Production (3)

Students learn the fundamentals of single-camera video production, including preproduction, production, and post-production procedures and techniques. The course emphasizes film-style shooting, field lighting and audio recording, producing, editing, and delivering compelling visual stories on time, on budget, and on target.

Prerequisite(s): MC 261

Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring, Summer

MC 308 - Broadcast News (3)

A study of the broadcast news process primarily emphasizing television news. Content includes writing, reporting, news editing, and news production.

Prerequisite(s): JRN 214, or MC 212 and MC 302, or permission of the instructor.

Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

MC 310 - Cinematography & Lighting (3)

This course will introduce students to the fundamental theory and practice of cinematography and lighting for film and video. We will examine the technical and the aesthetic aspects of cinematography and learn how to apply this knowledge to practical cinematographic choices.

Prerequisite(s): MC 200 and MC 302

Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

MC 318 - Film History (3)

We will examine the development and history of the film industry. The course will focus its study on film's most influential directors in an attempt to develop an understanding of each director's aesthetic and storytelling identity. We will also study the influence of independent filmmakers on the industry.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

MC 320 - Inside the Music Business (3)

Overview of all aspects of the music industry including: copyright law, recording contracts, music publishing, artist management, touring, marketing and promotion.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Every other Spring-even years

MC 325 - Design for Film, Television, & Theatre (3)

Students will explore how design influences storytelling by studying design concepts for film, television and theatre. They will learn how to analyze a script and create a design plan including costuming, sets, and props. (Online only).

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

MC 326 - Sports Storytelling (3)

This online course will focus on sports storytelling and the creative theories and practices used by producers, directors and production personnel as executed across all visual media platforms (live event coverage, studio shows, documentaries, and feature stories, and digital programming.) Online only.

Prerequisite(s): MC 212

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall-even years

MC 330 - Media Ministry & the Church (3)

This course will study the rapidly growing world of media ministry. Students will explore how multi-media can enhance worship, and inspire, inform and educate the congregation. Students will learn how to craft powerful narratives by combining scriptural truths with media production. The class will include theoretical study as well as practical application in the form of a final project that they will create for their respective congregations. Online.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

MC 331 - Advanced Audio Production (3)

Explores advanced audio production techniques including microphone positioning, multi-track recording and digital audio. Course covers theory and practical hands-on applications in audio, radio and/or television. May be repeated with a different course emphasis.

Prerequisite(s): MC 121 and MC 275

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 332 - Sundance: A Study of Independent Cinema (3)

Students will study a brief history of the "Indie" movement and learn about the art, culture and commerce of the festival. They will gain an understanding of how independent films are developed, bought, and sold through the Sundance venue. In addition to this, students will study the concept of redemptive cinema and explore how God uses secular film to speak truth to diverse audiences. The festival will serve as a laboratory for students as they attend screenings, discussions, and seminars on a variety of industry-specific topics.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-odd years

MC 338 - Producing for Film & TV (3)

This course will explore the essential principles of producing for film and film for television. It will examine key concepts in financing, film monetization, distribution, crew hiring, budgeting, working with guilds, form creation, entertainment management, and various aspects of hands-on producing.

Prerequisite(s): MC 200

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 340 - Editing Practice & Theory (3)

This course will explore the practicalities and theories of film and video editing. It will provide advanced software editing techniques and the complicated procedures of post-production with an emphasis on importing footage and exporting to various formats. The course will also explore key aesthetic approaches to editing narrative film.

Prerequisite(s): MC 302

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MC 342 - Mass Communication Theory (3)

A study of mass communication theory with emphasis on electronic media. Students also learn about ethical theories and their application to decision-making in the media.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 344 - Sound for Picture (3)

An in-depth study of the techniques used in creating and editing sound when related to motion picture. Topics include sound recording and editing, ADR, Foley, sound mixing, workflows and delivery methods.
[was MC 442]

Prerequisite(s): MC 121

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-odd years

MC 352 - Multitrack Recording Techniques (3)

A detailed study focused on the recording process, including microphone technique, signal processing, session planning, organization, and communication.

Prerequisite(s): MC 275

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 360 - Underwater Cinematography (3)

Examines the world of underwater cinematography and filmmaking, the equipment, underwater skills, lighting techniques, storytelling aspects and camera control necessary to capture quality underwater imagery. A two-week intensive summer class.

Prerequisite(s): MC 302

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

MC 370 - Animation Design (3)

A hands-on study of 3D computer animation. Basic concepts and techniques of model building, mapping, lighting, and animation.

Prerequisite(s): ART 254 & ART 452

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

MC 371 - Faith, Media, & Calling (3)

Overview of the many intersections between media and the gospel, including media uses in the local church and in missions, religious broadcasting history, portrayals of Christ and Christians in film/television, and ways Christians can influence media organizations as "salt and light".

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 372 - Interactive Media II (3)

An advanced study of design, organization and creation of interactive multimedia with a studio team approach. Covers the process of developing media elements, and dynamic content assets, and authoring a stand-alone application for digital distribution building an advanced web site and a portfolio site. Includes a lab.

Prerequisite(s): ART 254 or MC 225

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: spring

MC 375 - Junior Seminar (1)

[same as COM 375] Designed to prepare communication arts students for entrance into the professional world. Topics include pursuing advanced degrees, developing a resume and portfolio, and developing a strategy for future employment in communication related fields.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MC 380 - Remote Television Production (3)

The study and application of multi-camera remote field television production techniques. Field production areas that will be highlighted include directing, producing, camera and audio. Students will apply classroom-learned theory and techniques to a variety of remote productions.

Prerequisite(s): MC 261

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

MC 383 - Topics in Screenwriting (3)

The study of a specific form of scriptwriting (ie television writing, writing for children, playwriting, animation writing) focusing on practical application and script creation from idea to final draft. Topics will be announced for each offering. May be repeated twice.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasional offering

MC 385 - Documentary Filmmaking (3)

Students use research, reporting, interviewing, and other storytelling and media techniques to produce a long-form video project (a documentary) exploring a nonfiction story topic.

Prerequisite(s): JRN 214 or MC 302

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall-odd years

MC 391 - Directed Study (1-4)

An opportunity for research, special projects and readings in the field of media communication. Juniors may take 391, seniors 491 Repeatable; may be counted only once toward major or minor.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

MC 393 - Seminar (1-3)

The study of various issues in the field of communication, with special emphasis on trends and issues of contemporary communication. Topics will be announced for each semester the course is offered. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

MC 395 - Sitcom Production (3)

Advanced studio class that provides students with practical experience in the techniques employed in the development and production of a multi-camera situation comedy through the production, filming and editing of an original multi-camera sitcom, to be filmed live in front of a studio audience. This junior-senior level class requires being assigned a specific area of responsibility by the professor. Due to the nature of the production, students will be required to put in mandatory hours outside of regularly-scheduled class times.

Prerequisite(s): MC 261 or consent of the professor.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 420 - Tools for Writers (3)

Looks into the many non-craft sides of the life of a professional writer, including faith application, the media business, and creative habits. Upon completion of the course, student should be able to format scripts, understand contracts and the studio system, pitch ideas and scripts, and articulate how personal faith impacts inspiration and acts as an artistic guide.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall-odd years

MC 428 - Special Events Promotions & Production (3)

Advanced studio class that provides students with opportunities to develop ideas, public relations, marketing plans, event management/production, storytelling, graphic design and print production for an actual event. Students generally focus on one area for professional development for a portfolio-quality project. Juniors and seniors only; requires being assigned to a specific area by the professor. May be repeated.

Prerequisite(s): Junior and Senior status. At least two media communication production courses, two journalism courses or at least two of the courses required for PR.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MC 435 - Internship (1-6)

Broadcast or related industry experience under auspices of cooperating organization, with paper submitted detailing internship experiences.

Prerequisite(s): Junior and Senior status.

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

MC 440 - Directing the Narrative Film (3)

This course will serve as an introduction to directing for film. We will cover all the things it takes to direct short or feature-length film such as developing a visual language, understanding subtext, learning to direct actors, and executing the theme of your film through directing choices. Each student will be responsible for directing one project that will be submitted to the Highbridge Film Festival. In addition, we will be doing in-class workshops that cover actor coaching, creating shot lists and storyboards, and re-writing.

Prerequisite(s): MC 200 and MC 302

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MC 444 - Film Scoring (3)

An advanced class in the study of composing music for film and television, intended for musicians with basic composition skills. This senior level class provides students with practical experience in the techniques and practices used in the creation and production of music, music editing and synchronization, and working with directors and producers.

Prerequisite(s): MC 121

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other spring or summer

MC 472 - Media Law & Ethics (3)

Develops understanding of the legal system in the United States and the legal issues and litigation most often confronting media institutions: first amendment, libel, privacy, obscenity, access, and shield law.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-odd years

MC 491 - Directed Study (1-4)

An opportunity for research, special projects and readings in the field of media communication. Juniors may take 391, seniors 491 Repeatable; may be counted only once toward major or minor.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

MCA 101 - Media and Society (3)

Development, functions, processes, control, and effects of mass media. A survey of the media industry, its socio-economic role in American society, and the impact of mass media in society, as well as society's influence on the media.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MCA 121 - Audio Production Basics (3)

A broad overview of audio production including audio theory, basic digital audio techniques, basic audio recording and mixing techniques, and familiarity with relevant software and hardware. Required for Audio Production emphasis.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring, Summer

MCA 212 - Writing for the Media (3)

Examines a variety of techniques and formats including broadcast news, web/interactive media, television commercials/public service announcements, industrial/nonprofit video, documentaries, and screenplays. Practical emphasis on improving writing/editing skills and developing writing strategies.

Prerequisite(s): ENG 110 or ENG 151

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MCA 225 - Interactive Media I (3)

Provides an overview of new multimedia technologies and their impact on human communication as well as cultural, ethical, and industry implications. Emphasizes basic design principles for effective digital information architecture and offers a hands-on introduction to building web sites and creating multimedia presentations. Includes a lab.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MCA 261 - Multi-Camera Television Production (4)

Survey of the theory, process, and technique of television production including the planning, preparation, and production of various types of studio and remote programs.

Prerequisite(s): None

Corequisite(s): MCA261L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring, Summer

MCA 302 - Single Camera Production (3)

Students learn the fundamentals of single-camera video production, including preproduction, production, and post-production procedures and techniques. The course emphasizes film-style shooting, field lighting and audio recording, producing, editing, and delivering compelling visual stories on time, on budget, and on target.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring, Summer

MCA 325 - Design for Film, Television, & Theatre (3)

Students will explore how design influences storytelling by studying design concepts for film, television and theatre. They will learn how to analyze a script and create a design plan including costuming, sets, and props. (Online only).

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MCA 330 - Media Ministry & the Church (3)

This course will study the rapidly growing world of media ministry. Students will explore how multi-media can enhance worship, and inspire, inform and educate the congregation. Students will learn how to craft powerful narratives by combining scriptural truths with media production. The class will include theoretical study as well as practical application in the form of a final project that they will create for their respective congregations. Online.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

MCA 370 - Animation Design (3)

A hands-on study of 3D computer animation. Basic concepts and techniques of model building, mapping, lighting, and animation.

Prerequisite(s): ART 254 & ART 452

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

MCA 372 - Interactive Media II (3)

An advanced study of design, organization and creation of interactive multimedia with a studio team approach. Covers the process of developing media elements, and dynamic content assets, and authoring a stand-alone application for digital distribution building an advanced web site and a portfolio site.

Prerequisite(s): ART 254 or MCA 225

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MCA 375 - Junior Seminar (1)

Designed to prepare communication arts students for entrance into the professional world. Topics include pursuing advanced degrees, developing a resume and portfolio, and developing a strategy for future employment in communication related fields.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

MCA 435 - Internship (1-6)

Broadcast or related industry experience under auspices of cooperating organization, with paper submitted detailing internship experiences.

Prerequisite(s): Junior and Senior status.

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

MCA 444 - Film Scoring (3)

An advanced class in the study of composing music for film and television, intended for musicians with basic composition skills. This senior level class provides students with practical experience in the techniques and practices used in the creation and production of music, music editing and synchronization, and working with directors and producers.

Prerequisite(s): MCA 121

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other spring or summer

Music Education

MED 100 - Introduction to Music Education (1)

This course is an introduction to the historical, philosophical and practical foundations of the field of music education. Students will gain exposure to methods and structures used in school music programs and be introduced to professional literature and language of the field.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MED 241 - Brass Methods (2)

Class instruction in the techniques of playing and teaching brass instruments. Various materials and diagnostic measures are studied.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MED 242 - Strings Methods (2)

Class instruction in the techniques of playing and teaching string instruments. Various materials and diagnostic measures are studied.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MED 243 - Percussion Methods (2)

Class instruction in the techniques of playing and teaching percussion instruments. Various materials and diagnostic measures are studied.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

MED 244 - Woodwind Methods (2)

Class instruction in the techniques of playing and teaching woodwind instruments. Various materials and diagnostic measures are studied.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

MED 302 - Introduction to Elementary Music Teaching (3)

Introduction to music education pedagogy with overview of general methods and materials for teaching music in the elementary grades, including Orff methodology. Includes lab teaching experiences with home-schooled students.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

MED 304 - Choral Music Pedagogy (3)

Introduction to working with church and school choral programs for adolescent through adult singers.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MED 360 - Instrumental Music Ed Methods (3)

This course prepares the future instrumental music educator to teach band and/or orchestra in a school music program. Students will develop skills in appropriate teaching techniques and strategies, create a file of appropriate materials and develop a personal philosophy of music education. The course will introduce a systematic recruitment and retention plan for the instrumental program. Students will also develop skills needed to administer a successful instrumental music program.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MED 364 - Marching Band Methods (2)

Designed to prepare the instrumental music education major to organize and administer a marching band program in the secondary schools. The student will learn computer assisted charting techniques for marching drill design, participate in a planned field experience, and develop teaching skills through peer teaching. Students will explore the role of the marching band in the schools through a study of its history and the various philosophical positions related to the marching band.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

Music History & Literature

MHL 251 - History & Literature of Music I (3)

Early Christian, Medieval, Renaissance, and Baroque Periods (ca. 33-1750). A study of the music of these periods through reading, listening, performance practice seminar, and score analysis.

Prerequisite(s): MTH 111 and MTH 112 or consent of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall

MHL 252 - History & Literature of Music II (3)

A continuation of MHL 251; study of music from ca. 1750 to the present (Classical, Romantic, and Modern).

Prerequisite(s): MTH 111 and MTH 112 or consent of the instructor.

Grading Method: Letter Grade

Term Typically Offered: Spring

MHL 355 - World Music Survey (2)

Intensive survey of a number of musical soundscapes of non-Western origin, and the cultural contexts out of which they arise, with particular emphasis given to the discipline of ethnomusicology and its attendant approaches to the study of individual soundscapes. May not also hold credit for MHL 281.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MHL 357 - History of African American Music (3)

This course will explore the musical innovations and contributions of people of African descent to music in the United States. The course will begin by examining the variety of musics brought to the Americas with the slave-trade and explore how the music of a resilient people germinated with European musical traditions to help create diverse genres such as Minstrelsy, Spirituals, the Blues, Jazz, Gospel, Bluegrass, Country and Western, Rock and Roll, Hip Hop, and R&B, as well as making significant, though often overlooked, contributions to the instrumental and choral art music.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MHL 358 - Music Criticism (2)

This course will focus music criticism as a lens for evaluating and writing about music. Through an exploration of historical music criticism and its philosophical underpinnings, engagement with the writing of contemporary music critics, extensive writing of performance and recording reviews, students will develop their ability to write effectively and engagingly about music. With the focus of the course being on the critical approach to thinking about music, students will be able to apply this lens to consider more deeply the musical genres and styles that are most applicable to their interests and professional pursuits.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MHL 391 - Independent Study (3)

An introduction to the discipline of historical musicology and the techniques related to historical research in music. During this independent study the student will complete a major research and data-gathering project that will provide the basis for the student's Senior Project, MHL 475.

Prerequisite(s): Completion of MHL 251, MHL 252, and at least one of the MHL 351-356 sequence of genre courses.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

MHL 393 - Seminar (1-3)

Study of various issues in the field of music history and literature.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Ministry Management

MIM 485 - Capstone Project Research I (4)

Develop the capstone project to integrate experience and knowledge by focusing on a major research paper or project.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MIM 495 - Capstone Project Research II (3)

Develop the capstone project to integrate experience and knowledge by focusing on a major research paper or project. This introductory-level qualitative and quantitative inquiry course will utilize a practical, hands-on approach for conducting research. This course will include the appropriate use of technology in the design, implementation, analysis and presentation phases. Students will explore a variety of qualitative and quantitative research methods and experiment with data analysis tools and strategies when reflecting on the research. Course will satisfy APS Foundations Technology Requirement.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MIM 498 - MM Capstone Project (1)

The capstone project provides opportunity for students to integrate experience and knowledge by focusing on a major research paper or project. Students conduct a literature review, identify an appropriate methodology, conduct the research, and report findings/conclusions through both seminar and written formats.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

Marketing

MKA 241 - Principles of Marketing (3)

Through the development of new products, the pricing and promotion of those products, and the distribution of those products, marketing provides value to customers and value to the business (or non-profit) organization. This course explores each component of this "marketing mix" and establishes a foundation for using these marketing elements in practice and for future more detailed learning. Students will learn how businesses interact with their customers in the marketplace through reading, case studies, guest lectures, and projects.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MKT 241 - Principles of Marketing (3)

Through the development of new products, the pricing and promotion of those products, and the distribution of those products, marketing provides value to customers and value to the business (or non-profit) organization. This course explores each component of this "marketing mix" and establishes a foundation for using these marketing elements in practice and for future more detailed learning. Students will learn how businesses interact with their customers in the marketplace through reading, case studies, guest lectures, and projects.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MKT 342 - Consumer Behavior & Decision-Making (3)

Understanding consumers' needs, wants and the process by which they are satisfied is crucial to a successful marketing program. This course explores consumer behavior such as buying patterns, motivation

and search behavior from multiple perspectives including social, cultural, psychological and economic perspectives particularly as they apply to consumer decisions and post-purchase emotions. The objective is for students to synthesize these perspectives in order to understand the implications for marketing an organization's goods and services.

Prerequisite(s): MKT 241/MKA 241

Grading Method: Letter Grade

Term Typically Offered: Fall

MKT 343 - Fundamentals of Professional Selling (3)

Everyone sells-whether it's a product, service, idea, or themselves. Without a sale there is no business. This course equips the student with the fundamental principles and concepts of personal selling and sales management. Personal selling skills prepare students to rapidly enter the marketplace and contribute to their company's success. The strategic selling process is also studied with a focus on business-to-business selling. Learning approaches include instruction in class, role playing, and reading materials.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MKT 344 - Sales Management (3)

This course focuses on the development and management of sales force strategy, both at the field management and executive levels. Topics include sales force design, optimal use of sales force technology, recruiting, training, compensation, evaluation and sales force motivation. Learning is reinforced through role-play activities and interaction with professionals in the field.

Prerequisite(s): MKT 241/MKA 241

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MKT 345 - Advanced Professional Selling (3)

Focused on large account business-to-business (B2B) sales, this course builds upon skills learned in Professional Selling (MKT 343/MKA 343) and introduces higher level techniques used in more complex sales situations. Topics include selling at the C-level, negotiations, large account management, and team selling. Role plays with both classmates and guest "customers" will reinforce learning, as will interaction with professionals in the field engaged in large account sales.

Prerequisite(s): MKT 343/MKA 343

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

MKT 391 - Independent Study (1-3)

Independent study projects with required written reports approved and directed by a member of the finance faculty.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

MKT 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

MKT 435 - Internship (0.5-6)

Students are placed with cooperating firms for on-the-job training in marketing. Written reports to be submitted by the firm and by the student to the professor. This is an option for the student and will be tailored to fit the student's needs as far as possible. Consent of the instructor must be secured.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

MKT 441 - Marketing Research (3)

Students in this course are introduced to the tools and methodologies used in the field of consumer and business marketing research. Attention is given to problem definition, research design, gathering information, and data analysis to assist management in the marketing decision-making process.

Prerequisite(s): MKT 241/MKA 241 and BU 261/BUA 261

Grading Method: Letter Grade

Term Typically Offered: Spring

MKT 442 - Innovation & Product Management (3)

This course is designed to work through the process of innovation and product development. The product life cycle is explored within the context of disruptive innovation. Students will be exposed to the techniques for idea generation, turning these ideas into products and services that meet specific consumer needs, testing their marketing feasibility, and launching the product. This course will emphasize the use of teams for collaboration and hands-on projects.

Prerequisite(s): MKT 241/MKA 241

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

MKT 443 - International Marketing (3)

The globalization of markets enables companies to increasingly conduct their business across national borders. The international dimensions of marketing require management to understand and incorporate the difference of culture, politics, geography, and legal issues as they consider selling their products abroad. This course will introduce the student to the principles and concepts of international marketing through readings, case studies, and research projects.

Prerequisite(s): MKT 241

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

MKT 461 - Brand Management (3)

Product and brand management is the study of a broad range of activities centered around a line of products offered by an enterprise. This course exposes a student to the contemporary challenges of managing a

product portfolio. The student will learn how to formulate strategies for building, leveraging, and defending brand positions. Through course lectures and readings, the student will acquire the knowledge needed to become a successful product manager.

Prerequisite(s): MKT 241/MKA 241

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

MKT 473 - Principles of Advertising/Promotions Management (3)

This course focuses on the study of the principles of advertising and other promotional tools used in business. Topics include the development of advertising campaigns, positioning, creative/media strategies and evaluation. Key factors related to the structure of advertising industry and economic, social and regulatory contexts will also be considered.

Prerequisite(s): MKT 241/MKA 241

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Music Theory

MTH 100 - Fundamentals of Music (3)

Designed to increase proficiency in music fundamentals such as rhythm, scales, intervals, triads, sight singing, and aural training. Suggested for non-majors or music majors or minors with Theory Placement Exam scores of less than 70%. A mastery of these basic fundamentals is essential for any further work in the music major or minor. Does not count toward graduation hours for a music major or minor.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MTH 111 - Musicianship: Written Theory I (2)

Basic theory sequence begins with a study of rhythm, scales, intervals, triads, and cadences, followed by principles of harmony, embellishing tones, and 18th-century part-writing techniques. Original compositions in a simple, four-voice texture are written.

Prerequisite(s): Theory Placement Exam.

Grading Method: Letter Grade

Term Typically Offered: Fall

MTH 112 - Musicianship: Written Theory II (2)

This course is a continuation of Basic Musicianship I, and introduces melodic form, large-scale melodic relationships, and simple two and three-part forms. Further exploration of harmony centers on diatonic seventh chords and chords of secondary function and includes elementary modulation. Original compositions in two or three-part forms are written.

Prerequisite(s): MTH 111

Grading Method: Letter Grade

Term Typically Offered: Spring

MTH 121 - Musicianship: Sight Singing / Aural Training I (1.5)

Sight singing / aural training sequence begins with a study of rhythm, scales, modes, intervals, triads and corrective listening as well as large-scale analytical listening. Emphasis is on experiential tasks and the skill

of aural imaging; in addition to class meeting, students attend a weekly sight-singing lesson and complete a recorded transcription assignment. Class meets twice weekly and is taken concurrently with MTH 111.

Prerequisite(s): Theory Placement Exam.

Grading Method: Letter Grade

Term Typically Offered: Fall

MTH 122 - Musicianship: Sight Singing / Aural Training II (1.5)

Sight singing / aural training sequence continues the study of rhythm, scales, modes, intervals, triads, and corrective listening as well as large-scale analytical listening. Aural training expands to include seventh chords. Emphasis is on experiential tasks and the skill of aural imaging; in addition to class meetings, students attend a weekly sight singing lesson and complete a recorded transcription assignment. Class meets twice weekly and is taken concurrently with MTH 112.

Prerequisite(s): MTH 121

Grading Method: Letter Grade

Term Typically Offered: Spring

MTH 201 - Intro Composition & Arranging/Non-majors (1-3)

Private instruction in the basic principles of composition and arranging in preparation for further study. Non-music majors.

Prerequisite(s): B+ average in MTH 111/MTH 112, and approval of the Coordinator of Music Theory.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MTH 210 - Intro Composition & Arranging (1-3)

Private instruction in the basic principles of composition and arranging in preparation for further study. Music majors.

Prerequisite(s): B+ average in MTH 111, MTH 112, MTH 231, and approval of the Coordinator of Music Theory.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MTH 231 - Advanced Musicianship I (4)

An integration of the aspects of written theory, sight singing, and aural training. This course explores 18th-century contrapuntal forms, followed by Classical forms such as sonata-allegro and rondo. Harmonic vocabulary expands to include altered pre-dominants, followed by early 19th-century harmonic developments. Sight singing curriculum includes melodies with modulations/altering tones, as well as rhythms with varying meters, syncopations, and unusual subdivisions. Emphasis on developing a facility with bass lines and harmonic progressions, including chords of secondary function as well as altered pre-dominants. Corrective listening, as well as large-scale analytical listening, further heightens aural abilities.

Prerequisite(s): MTH 111, MTH 112, MTH 121, MTH 122

Corequisite(s): MTH 231L

Grading Method: Letter Grade

Term Typically Offered: Fall

MTH 232 - Advanced Musicianship II (4)

An integration of the aspects of written theory, sight singing, and aural training. This course is a continuation of Advanced Musicianship I and introduces linear chromaticism in 19th-century piano forms as well as late

19th-century harmonic developments, including higher-order tertian sonorities. Examines 20th-century harmony, rhythm, and compositional techniques, and includes early 20th-century tonal music, set theory, serial procedures, and recent musical developments. Training in sight singing and aural training expands to include 20th-century concepts in rhythm, melody, and harmony. Emphasis on developing a facility with bass lines and harmonic progressions, including chords of secondary function, as well as altered pre-dominants. Corrective listening, as well as large-scale analytical listening further heightens aural abilities.

Prerequisite(s): MTH 231

Corequisite(s): MTH 232L

Grading Method: Letter Grade

Term Typically Offered: Spring

MTH 311 - Form & Analysis (2)

Students explore the basic principles of form in music by means of thorough analyses of representative pieces from Baroque, Classical, Romantic, and Modern eras. Students develop analytical skills, both visual and aural, so that they might begin to interpret and perform music intelligently.

Prerequisite(s): MTH 232

Grading Method: Letter Grade

Term Typically Offered: Fall

MTH 322 - Counterpoint (2)

An advanced exploration of the contrapuntal forms and techniques of the 18th century by means of in-depth analysis of representative pieces; includes polyphonic composition in two, three, and four-part counterpoint.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

MTH 331 - Orchestration (1)

A study of the characteristics of band and orchestral instruments, with assignments in scoring for various instrumental combinations, full band/orchestral score and smaller ensembles.

Prerequisite(s): MTH 232 (Students in the composition/arranging emphasis must take MTH 332 in place of MTH 331).

Grading Method: Letter Grade

Term Typically Offered: Fall

MTH 332 - Advanced Orchestration (2)

An advanced study of the characteristics of band and orchestral instruments, with assignments in scoring for various instrumental combinations, full band/orchestra score and smaller ensembles.

Prerequisite(s): B+ average in MTH 231 and MTH 232

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

MTH 411 - Advanced Composition/Arranging Lessons (1-3)

Private instruction in the area of original composition and arranging, leading to the development of a repertoire suitable for presentation at a Senior Recital (RCT 482). May repeat to 8 total credit hours.

Prerequisite(s): MTH 210, and approval of the Coordinator of Music Theory.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

Music Therapy

MTP 200 - Introduction to Music Therapy (2)

An introduction to basic concepts and practices in the field of music therapy.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

MTP 201 - Music Therapy Practicum (1)

Provides students with opportunities to observe the practice of music therapy in clinical settings.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

Music

MUS 100 - Understanding Music (3)

Designed for the liberal arts student as an introduction to the art of music, in which refined listening skills, knowledge of the basic parameters of music, and informed aesthetic judgment lead to perceptive understanding of a wide range of historical, cultural and contemporary musical styles.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MUS 110 - Music Reading for Singers (1)

Basic sight-singing for non-majors (how to sound-out and sing the melodies and rhythms of various vocal parts without using an instrument).

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

MUS 150 - Music Technology I (1)

An introduction to the use of software and technology commonly utilized by music majors and minors. Students learn fundamental skills in use of music notation software as well as basic recording and sound reinforcement technology. Required of all music majors (unless proficiency is demonstrated in covered technologies), but open to all students.

Prerequisite(s): Basic music notation reading skills.

Grading Method: Letter Grade

Term Typically Offered: Fall

MUS 200 - Piano Technology (3)

Open to all students, preference is given to music majors and minors. This course not only teaches piano tuning, servicing, and repair but also the history and the development of the piano, the making of a Steinway grand piano and the servicing of electric pianos and harpsichords. Some attention is given to the theory and acoustics of stringed instruments.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Occasionally offered

MUS 265 - Honors Music Appreciation (3)

Honors Program course in Music appreciation. Course syllabus varies by semester. Equivalent to MUS 100.
Prerequisite(s): By permission only; see Honors Program Coordinator.
Grading Method: Letter Grade
Term Typically Offered: Occasional offering

MUS 391 - Independent Study (1-3)

Available to students at the junior level or higher. Requires the completion of a contract, signed by the student, instructor, and department chair.
Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

MUS 393 - Seminar (1-3)

Study of various issues in the field of music.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

New Testament

NT 100 - Understanding the New Testament (3)

An introduction to the New Testament that attempts to help students enter into the "three worlds" of the biblical text: the world behind the text, seen in its historical, cultural, and geographical contexts; the world in the text, including its literary forms, story of Jesus and the early church, and major theological themes; and the world in front of the text, involving an exposure to critical methods and issues important to New Testament interpretation and application.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

NT 210 - The Growth of the New Testament Church (3)

A study of the emergence of Christianity in relation to the historical, religious, and philosophical milieu of the first century. Attention is given to the birth and development of the apostolic church and the variety of ways in which it witnessed to the revelation of God in Christ.
Prerequisite(s): NT 100
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

NT 265 - Honors New Testament (3)

Honors Program course in the New Testament. Course syllabus varies by semester. Equivalent to NT100.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

NT 300 - Synoptic Gospels (3)

A study of the basic teachings of Jesus in the Synoptic Gospels and the Synoptic Problem in light of critical studies.

Prerequisite(s): NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

NT 320 - Prison Epistles (3)

A study of the letters of Paul written in captivity. Ephesians, Philippians, Colossians and Philemon will be examined with special attention given to Pauline Christology.

Prerequisite(s): NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

NT 330 - Hebrews & General Epistles (3)

Detailed exposition of Hebrews, James, I & II Peter and Jude. Each letter is interpreted in its historical, cultural and literary context.

Prerequisite(s): NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

NT 340 - The New Testament & the End Times (3)

A study of New Testament passages that deal with the end times, especially the Revelation. Various theological interpretations of the data are presented for analysis and discussion.

Prerequisite(s): OT 100 and NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

NT 350 - Writings of John (3)

A study of the Gospel of John and the three Epistles of John. Distinctive literary and theological features of the Johannine literature will be considered.

Prerequisite(s): NT 100

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

NT 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in biblical studies, including the preparation of a scholarly paper. A student may not take more than four (4) hours of independent study.

Prerequisite(s): NT 100, 3.0 GPA and approval of instructor.

Contract Course: Yes

Grading Method: Letter Grade
Term Typically Offered: Contract course offering

NT 393 - Seminar (1-3)

Selected topics in New Testament.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

NT 400 - Galatians and Romans (3)

An analysis of Paul's letters to Galatia and Rome, with special emphasis on the theological content of Pauline soteriology.
Prerequisite(s): NT 100
Grading Method: Letter Grade
Term Typically Offered: Every other spring

Off-Campus Programs

OFC 999 - Off Campus Programs (0-3)

Denotes registration in a study abroad/off campus semester or indicates registration in a faculty led off campus travel course. See Study Abroad Office for more details. Course number varies.
Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Off-Campus Program

Organ

ORG 201 - Private Lessons for Non-Majors (1-2)

For all non-majors studying private organ. Students registering for 1 credit hour receive a one-half-hour lesson weekly. Students registering for 2 credit hours receive a one-hour lesson weekly. May be repeated.
Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring

ORG 211 - Private Lessons for Underclassmen Music Majors & all Music Minors (1-2)

Underclassmen music majors and music minors enroll for 4 semesters of private instruction at the 211 level. Students registering for 1 credit hour receive a one-half-hour lesson weekly. Students registering for 2 credit hours receive a one-hour lesson weekly. Students selecting a performance emphasis are required to register for 2 credit hours per term. May be repeated.
Prerequisite(s): Acceptance into the music major or music minor by audition, as described in the Music Student Handbook.
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring

ORG 411 - Advanced Private Lessons for Upperclassmen Music Majors (1-2)

Upperclassmen music majors in the B.A. degree program must complete 4 semesters of instruction at the 411 level. Those electing the Performance Emphasis are required to enroll for 2 credit hours per term. Students whose emphasis is Composition or Music History are only required two semesters of private lessons at the 411 level with a demonstration of major instrument proficiency as outlined in the recital guidelines published by the Music Department (available at this website: www.asbury.edu/academics/departments/music/music-home/current-student-forms). Upperclassmen music education majors in the B.S. degree program must complete at least 3 semesters of instruction at the 411 level. May be repeated.

Prerequisite(s): Upperclassman Proficiency Exam passed, as described in the Music Student Handbook.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

ORG 461 - Organ Pedagogy & Literature (1)

Introducing point of view, techniques, and some approaches used in teaching of organ literature and materials. Problems of pedagogy, analysis, and performance, as well as important segments of organ repertoire will be studied, extending from the Baroque period through contemporary literature

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

ORG 462 - Organ Pedagogy & Literature (1)

Introducing point of view, techniques, and some approaches used in teaching of organ literature and materials. Problems of pedagogy, analysis, and performance, as well as important segments of organ repertoire will be studied, extending from the Baroque period through contemporary literature

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Old Testament

OT 100 - Understanding the Old Testament (3)

This course is a biblical and theological study of the Old Testament, tracing its sweeping story from creation to the eve of the birth of Christ. The course emphasizes the Old Testament's major characters, its history and culture, types of literature, and the themes that unify its message. It strives to bridge the gap between Christian belief and practice while seeking to demonstrate how the Old Testament provides an indispensable foundation for understanding the New Testament and the Christian Church.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

OT 200 - Pentateuch (3)

An analysis of the general content and spiritual teachings of each of the first five Old Testament books, with special attention to historical and theological features.

Prerequisite(s): OT 100

Grading Method: Letter Grade
Term Typically Offered: Every other Fall

OT 210 - History of Israel (3)

A study of ancient Israel from the conquest of Canaan to the post-exilic community. The Old Testament historical sources are examined against the background of ancient Near Eastern literature, geography, and archaeology. The course focuses on Israel's historical development within its political, social, and religious context.

Prerequisite(s): OT 100
Grading Method: Letter Grade
Term Typically Offered: Spring

OT 265 - Honors Old Testament (3)

Honors Program course in the Old Testament. Course syllabus varies by semester. Equivalent to OT100.

Prerequisite(s): By permission only; see Honors Program Coordinator.
Grading Method: Letter Grade
Term Typically Offered: Occasional offering

OT 320 - Prophetic Literature (3)

The texts and prophecies of the major and minor Old Testament prophets examined in their historical, literary, and theological context, utilizing a variety of exegetical approaches.

Prerequisite(s): OT 100
Grading Method: Letter Grade
Term Typically Offered: Every other fall

OT 330 - Wisdom Literature (3)

A study of wisdom in the Old Testament with an emphasis on Job, Proverbs and Ecclesiastes. Some attention will be given to wisdom in its broader ancient Near Eastern context.

Prerequisite(s): OT 100
Grading Method: Letter Grade
Term Typically Offered: Fall

OT 350 - Psalms (3)

Exegetical studies of selected Psalms, focusing upon the meaning and use of the Psalms in their Old Testament setting as well as their continued use in the Church.

Prerequisite(s): OT 100
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

OT 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in biblical studies, including the preparation of a scholarly paper. A student may not take more than four (4) hours of independent study.

Prerequisite(s): OT 100, 3.0 GPA and approval of instructor.
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

OT 393 - Seminar (1-3)

Selected topics in Old Testament.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Physical Activity

PE 106 - Personal Fitness (1)

The development of a personal exercise program for the purpose of meeting individual fitness needs.

Seniors only, with permission of the department chair. May be repeated.

Prerequisite(s): PED 100

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PE 107 - Weight Control (1)

A study of the principles and values of obtaining and maintaining optimum weight with specific emphasis upon good nutrition (within the framework of the University cafeteria) and upon an exercise program geared to the individual's need. Professor permission required; documented support from a physician may be requested. May be repeated.

Prerequisite(s): PED 100

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PE 108 - Varsity Athletics (1)

One hour physical education credit may be awarded for completion of team season as verified by the coach at conclusion of the designated term. Women's sports: [Fall] cross-country, soccer, volleyball; [Spring] basketball, golf, lacrosse, softball, swimming, tennis, track & field. Men's sports: [Fall] cross-country, soccer; [Spring] baseball, basketball, golf, swimming, tennis, track & field. Limit of two credits from varsity athletics and no more than 4 total credits from all PE sources.

Prerequisite(s): PED 100 may be completed concurrent with team season.

Grading Method: Letter Grade

Term Typically Offered: Credit Only

PE 109 - Roundnet (1)

One-hour physical education credit may be awarded for completion of one full season on the Asbury University Roundnet team as verified by the coach at the conclusion of the term (spring), under the direction of the athletic department. Limit of three credits from PE 109 and no more than 4 total credits from all PE sources.

Prerequisite(s): PED100

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Credit Only

PE 110 - Cheerleading (1)

One hour physical education credit may be awarded for completion of a season as verified by the coach at conclusion of the term. By permission of instructor and tryouts. Limit of three credits and no more than 4 total credits from all PE sources.

Prerequisite(s): None

Corequisite(s): PED 100 may be completed concurrently with team season.

Grading Method: Letter Grade

Term Typically Offered: Credit Only

PE 111 - Physical Activity (1)

Course is divided into two half-semester physical activity topics. The combination of activities varies per class section each term. PE 111 may consist of a combination of two of the following physical activities. The most common per term are noted.

- Usually offered during fall - Archery, Basketball, Golf, Paddle Tennis.
- Usually offered during spring - Badminton, Tennis.
- Offered occasionally - Disc Golf, Gymnastics, Racquetball, Soccer, Softball or Volleyball.

See the official class schedule for the specific PE combinations being offered each semester. May be repeated.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

PE 120 - Beginning/Intermediate Weight Training (1)

This full semester course offers the student the theory, technique and basic philosophy involved in weight training for strength and endurance. The student will develop or continue a personalized weight training program. May be repeated.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PE 121 - Aerobics (1)

A conditioning class for the purpose of developing cardiovascular fitness. The program consists of different endurance exercises such as jogging, circuit training, aerobic dance (running games), etc. Full semester course. (Required for Exercise Science Majors.) May be repeated.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PE 122 - Fitness Walking (1)

Seeks to improve one's fitness level by walking often enough (frequency), hard enough (intensity), and long enough (duration) to achieve fitness gains. Includes health-related (cardiopulmonary, muscular strength and endurance, flexibility and body composition) pre-tests and post-tests of physical fitness. May be repeated.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PE 125 - Swimming Course (1)

Beginning / Intermediate / Advanced Swimming - This full semester course works with students at their individual swimming level, provides beginner swimming training and instruction for those with intermediate and advanced swimming skills. May be repeated.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Term Typically Offered: Fall

PE 128 - Recreational Horseback Riding (1)

This is a physical education activity course designed to provide basic principles of horseback riding as well as instruction in the care of the horse, equipment, and facility for non-EQS majors/minors.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

PE 130 - Horseback Riding I (1)

Provide the basic principles of horseback riding as well as instruction in the care of the equipment and the animal.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

PE 131 - Horseback Riding II (1)

A physical education activity course designed to build upon skills and principles from PE130 as well as further instruction in the care of the horse, equipment, and facility.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

PE 138 - Advanced Gymnastics (1)

One-hour physical education credit for participation in one full season on the Asbury University Tumbling Team. Limit of three credits and no more than 4 total credits from all PE sources.

Prerequisite(s): PED 100 may be completed concurrent with team season.

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PE 230 - Horseback Riding III (1)

A physical education activity course designed to expand experiences gained in PE 131 as well as refine skills in effective use of the aids and further instruction to understand the basic training scale.

Prerequisite(s): PE 131 & EQ 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

PE 280 - Lifeguard Training (2)

Instruction given in accordance with the American Red Cross. Students who complete requirements successfully will be certified as lifeguards with certification in CPR, First Aid, Head Lifeguarding, Waterfront Guard, as well as general lifeguarding.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

PE 300 - Water Safety Instructor/Fundamentals of Instructor Training (1)

Instructs Level 5 and above swimmers on how to teach swimming lessons and run a successful swimming lesson program. Upon completion of the course students will have American Red Cross Certification for both Water Safety Instruction and for Fundamentals of Instructor Training.

Prerequisite(s): PED 100

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

Physical Education

PED 100 - Theory of Wellness (1)

An introduction to the development and maintenance of a healthy lifestyle for the purpose of achieving the highest potential for well-being in all dimensions of wellness. Emphasis is placed on health-related fitness and the course includes individual fitness prescriptions. A variety of fitness assessments are administered. Required for all students.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PED 200 - Introduction to Coaching (3)

A lecture/discussion course designed to introduce students to the profession of coaching. The course is applicable to any student interested in coaching in the school and/or non-school setting. The course will examine the principles of coaching as they relate to areas such as the roles and responsibilities of the coach, the types of coaches, the organization of a sport team, sport organizations, motivation, competition, leadership, sportsmanship, team dynamics and available resources for use in coaching. Requires a field component. Pre-requisite to PED 205.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

PED 205 - Coaching Practicum I (1-2)

Practical experience in a specific sport under the supervision of a sport specific coach. Identifies skills, techniques in game situations, strategies, scouting, conditioning, practice planning. Requires a field component.

Prerequisite(s): PED 200

Contract Course: Yes

Grading Method: Letter Grade
Term Typically Offered: on teachout plan

PED 228 - Practicum (1)

Forty (40) hours of practical experience and observation in selected professional settings.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

PED 360 - Sport Skills I (3)

A lecture/activity-based course designed to allow students the opportunity to acquire the knowledge, skill and technique to instruct the fundamental skills in activities such as badminton, bowling, golf, soccer, tennis and volleyball. Requires a field component.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

PED 361 - Sport Skills II (3)

A lecture/activity-based course designed to allow students the opportunity to acquire the knowledge, skill and technique to instruct the fundamental skills in activities such as aerobics, archery, basketball, gymnastics, orienteering, rhythm, softball, track and field, and weight training. Requires a field component.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

PED 391 - Independent Study (1-3)

A directed and supervised investigation of a selected problem/topic in the area of PED, mutually agreed upon by the student and professor. Available to senior PED majors. A student may take up to six (6) hours of independent studies.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

PED 393 - Seminar (1-3)

The study of various issues/topics various departmental majors. Topics will be determined and announced for each semester a seminar course is offered.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

PED 461 - Statistics and Evaluation in Physical Education & Exercise Science (3)

Emphasis is placed on statistical techniques for the purpose of evaluating health-related and skill-related components of physical fitness. The course also examines the construction, selection, administration and assessment of testing instruments in physical education and exercise science. Requires a field component.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: on teachout plan

Philosophy

PHL 200 - Introduction to Philosophy (3)

Introduction to the nature, methods, and purposes of philosophical inquiry. Investigates major topics such as reality, knowledge, and ethics. Surveys and evaluates important world views in an attempt to formulate a Christian world view.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PHL 211 - Ancient & Medieval Philosophy (3)

Surveys the development of philosophical thought from the ancient Greeks to the late medieval period. Emphasis is placed on the philosophy of Plato, Aristotle, Augustine, and Aquinas.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PHL 212 - Modern Philosophy (3)

Surveys the development of philosophical thought during the seventeenth and eighteenth centuries. Primarily studies Hobbes, Descartes, Spinoza, Leibniz, Locke, Hume, Reid, and Kant.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PHL 221 - Logic (3)

Analyzes the methods of correct reasoning; covers propositional logic, term logic, and modern quantification theory. Employs symbolic notation while remaining sensitive to ordinary discourse. Some attention to informal fallacies.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PHL 231 - Ethics (3)

Studies the major thinkers and positions in the field of ethics with attention to their relation to Christian thinking related to moral life. Among the views studied are forms of utilitarianism, Kantianism, hedonism, and virtue theory.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PHL 251 - Philosophy of C. S. Lewis (3)

A study of the philosophical works of Lewis dealing with arguments for the existence of God based on human rationality, the problem of suffering, objective truth, and moral law. Addresses philosophical themes in the Narnia Chronicles and Lewis' thought in relation to popular culture. Includes viewing and discussion of pertinent videos.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PHL 265 - Honors Philosophy (3)

Honors Program course in Philosophy. Course syllabus varies by semester. Equivalent to PHL 200.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

PHL 293 - Seminar (3)

Selects a significant issue, problem, theme, or thinker for intensive study. May be repeated with different topics.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

PHL 312 - Epistemology (Theory of Knowledge) (3)

Investigates the nature of human knowledge and belief. Addresses issues related to the sources, justification, and types of knowledge. Major epistemological theories are compared and contrasted.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PHL 322 - Metaphysics (Theory of Reality) (3)

Employs a combination of classical and contemporary sources to discuss issues related to the nature and structure of reality. Each offering of this course selects from a range of issues to cover: substance, matter and mind, free will and determinism, space and time, the relation of logic and ontology, and the like.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PHL 343 - Political & Social Philosophy (3)

Surveys the nature and development of political and social theories with special interest in those factors which give cohesion to human community. Ideas pertaining to humanity, justice, law, and the social good are addressed.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PHL 361 - Philosophy of Religion (3)

Surveys the classic topics in the field, such as the theistic arguments, the problem of evil, miracles, religious language, and the divine attributes. Also considers alternative approaches to the subject, such as fideism, natural theology, and Reformed epistemology.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PHL 391 - Independent Study (1-3)

Offered by consent of a supervising instructor. A topic is established by negotiation with instructor. A student may not take more than 3 hours per semester.

Prerequisite(s): PHL 200 or PHL 231

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PHL 393 - Seminar (1-3)

Selects a significant issue, theme, problem, or thinker for intensive and rigorous study. Conducted in seminar style; a major paper is required.

Prerequisite(s): 9 hours in PHL including PHL 200

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PHL 411 - Philosophical Theology (3)

Applies the methods of philosophical elucidation to major Christian doctrines, such as Creation, Revelation, Incarnation, Atonement, and the like. Seeks to clarify understanding of and trace the implications of the central concepts of these doctrines.

Prerequisite(s): PHL 200 or PHL 231

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

Prep for Health Professions

PHP 302 - Medical Admission Exams Preparation (1-2)

Devoted to preparing pre-medical, pre-dental, and pre-pharmacy students for the MCAT, DAT, and PCAT exams.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Fee: Yes

Term Typically Offered: Spring

PHP 323 - Health Professions Shadowing (1-2)

An elective course for pre-health students to receive credit for shadowing a physician or other health professional. Credits depend on number of shadowing hours completed. Class meetings are bi-weekly and involve presentations from health professionals in a variety of medically related careers. Requirements include online HIPAA training and bloodborne-pathogen training.

Prerequisite(s): None

Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

Physics

PHY 201 - Introductory Physics I (4)

An introductory course in physics designed for Chemistry and Biology majors. Concepts from calculus will be used to explain various equations. Topics covered include mechanics of solids and fluids, heat, wave motion, electricity, magnetism and modern physics. This course satisfies Foundations requirement for a natural science.

Prerequisite(s): MAT 181 or equivalent.

Corequisite(s): PHY 201L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

PHY 202 - Introductory Physics II (4)

An introductory course in physics designed for Chemistry and Biology majors. Concepts from calculus will be used to explain various equations. Topics covered include mechanics of solids and fluids, heat, wave motion, electricity, magnetism and modern physics. This course satisfies Foundations requirement for a natural science.

Prerequisite(s): MAT 181 or equivalent.

Corequisite(s): PHY 202L

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

PHY 211 - General Physics I (5)

A calculus-based introductory course in physics designed for mathematics and engineering majors. Topics covered include mechanics of solids and fluids, heat, wave motion, electricity, magnetism and modern physics. This course satisfies Foundations requirement for a natural science.

Prerequisite(s): MAT 181, MAT 182.

Corequisite(s): PHY 211L, PHY 211R

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

PHY 212 - General Physics II (5)

A calculus-based introductory course in physics designed for mathematics and engineering majors. Topics covered include mechanics of solids and fluids, heat, wave motion, electricity, magnetism and modern physics. This course satisfies Foundations requirement for a natural science.

Prerequisite(s): MAT 181, MAT 182.

Corequisite(s): PHY 212L, PHY 212R

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

PHY 311 - Modern Physics (3)

This course covers the quantum mechanics of simple systems, atoms, and molecules; and atomic and molecular spectroscopy, including electronic, vibrational, and rotational spectroscopy.

Prerequisite(s): PHY 211 and PHY 212; MAT 181 and MAT 182

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

PHY 314 - Relativity (1)

This course studies Foundations of special relativity. It emphasizes problem solving as a means to give students an understanding and an intuition of space-time. In addition, the course presents a modest introduction to General Relativity. Because of the importance of differential geometry in modern theories of dynamics, it includes the basics of differential forms and their application to electricity and magnetism.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PHY 361 - Computational Science (3)

Course using computational methods for understanding what nervous systems do and for determining how they function. Exploration of computational principles governing various aspects of vision, sensory-motor control, learning, and memory. Specific topics include representation of information by spiking neurons, processing of information in neural networks, and algorithms for adaptation and learning.

Prerequisite(s): MAT 252 & MAT 271, PHY 211 & PHY 212, or permission from department.

Grading Method: Letter Grade

Term Typically Offered: Fall

PHY 382 - Analytical Vector Mechanics (3)

Vector treatment of the statics and dynamics of particles and rigid bodies including Lagrangian mechanics.

Prerequisite(s): MAT 252; PHY 211, PHY 212

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PHY 393 - Seminar (1)

Discussion of selected topics. May be offered in conjunction with other departments or as a separate course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PHY 400 - Special Problems in Physics (1-2)

Independent research in student's preferred area of physics. Not more than 6 hours may apply toward graduation.

Prerequisite(s): 6 hours or more of upper division physics.

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

PHY 461 - Computational Neuroscience (3)

This course provides an introduction to computational methods for understanding what nervous systems do and for determining how they function. Students explore the computational principles governing various aspects of vision, sensory-motor control, learning, and memory. Specific topics that will be covered include representation of information by spiking neurons, processing of information in neural networks, and algorithms for adaptation and learning. Students make use of Python demonstrations and exercises to gain a deeper understanding of concepts and methods introduced in the course. The course is primarily aimed at third- or fourth-year undergraduates interested in learning how the brain processes information. MAT 252, MAT 271, PHY 211 & PHY 212, or permission from department.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

Pastoral Ministries

PM 120 - Pastoral Ministry Introductory Study/Practice (3)

Students who are participants in Youth Becoming Leaders will explore and reflect on a biblical theme through the study of Wesleyan theology, Scripture, and Tradition. Students will also apply their knowledge through the design and implementation of a ministry project in their home community. (Institutional Credit upon matriculation to Asbury)

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Credit Only

PM 400 - Pastoral Care & Counseling (3)

This course is a study of the biblical and theological framework of pastoral counseling. It will cover most of the typical problems requiring counseling faced by the local pastor, including pre-marital counseling, hospital visitation, grief counseling, and crisis ministry. It will also provide guidelines for when pastors need to refer counseling issues to more qualified and trained counselors.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PM 410 - Evangelism (3)

This course provides a theological and practical introduction to the practice of evangelism, particularly in and through the local church. It prepares pastors and church leaders in fostering the evangelistic outreach of individuals and of the congregation as a whole. Students will also explore how the local church partners in world evangelization.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PM 420 - Denominational Polity/History/Theology (3)

A study of the history, polity and theology of students' denominational memberships. Students will survey the foundational work of the initial leaders of their denomination and trace its history to the present. Students will also explore the nature, meaning, and value of the organizational structure of their denomination and the exercise of authority within it. Finally, they will examine their denomination's doctrinal and theological statements. As a part of this study, students will critically assess their personal compatibility with their ecclesial tradition.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

PM 435 - Internship (3-4)

The application of pastoral ministry principles in an actual ministry setting, supervised by appropriate ministry personnel.

Prerequisite(s): CM 380
Contract Course: Yes
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Contract course offering

Piano

PNO 100 - Beginning Piano for Pleasure (1)

Class designed for non-major, adult beginners at the piano. Students learn repertoire and develop technical skills while learning basic fundamentals of music notation, rhythm, improvisation. Class meets once weekly. Students may proceed to private piano lessons after successful completion of the course.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

PNO 130 - Piano Service Playing (1)

Designed to allow the student to develop piano skills for leadership in the church. Skills developed will include improvising congregational accompaniments in various styles, preparing piano solos appropriate for the church service, and accompanying. The student must be able to play the piano on an intermediate level and read four-part music in order to be successful in the class.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

PNO 151 - Beginning Functional Piano (1)

Designed for non-keyboard music majors/minors who are beginners at the piano. Students learn to read piano music, developing two-hand coordination by playing two- and three-part studies. Other emphases include sight-reading melodies, harmonizing melodies using primary chords, transposing, and improvising. Class meets twice weekly.

Prerequisite(s): None
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Spring

PNO 152 - Elementary Functional Piano (1)

Designed for non-keyboard music majors/minors. Students play more challenging repertoire in two/three parts and several major and minor scales. Other emphases include sight-reading parts of ensembles and simple two-part piano pieces; reading two-part vocal scores; harmonizing with primary, secondary, and secondary dominant chords; transposing simple pieces; and improvising with set patterns. Class meets twice weekly.

Prerequisite(s): PNO 151

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Fall

PNO 161 - Advanced Functional Piano I (1)

Designed for keyboard music majors/minors. Skills include music-reading; vocal score-reading up to four parts; instrumental score-reading for strings, woodwinds, and brass; adapting hymns and patriotic songs to congregational styles; modulation patterns up or down by second, transposing chord patterns, pieces, and hymns; harmonizing and by-ear playing of folk tunes and popular songs using chord symbols, a variety of accompaniment styles, and good voice-leading; harmonic vocabulary includes diatonic triads and dominant seventh, non-dominant sevenths, secondary dominants, diminished sevenths, and added sixths.

Prerequisite(s): MTH 121, MTH 122

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Every other Fall

PNO 162 - Advanced Functional Piano II (1)

Designed for keyboard music majors/minors. Skills include music-reading; vocal score-reading up to four parts; instrumental score-reading for strings, woodwinds, and brass; adapting hymns and patriotic songs to congregational styles; modulation patterns up or down by second, transposing chord patterns, pieces, and hymns; harmonizing and by-ear playing of folk tunes and popular songs using chord symbols, a variety of accompaniment styles, and good voice-leading; harmonic vocabulary includes diatonic triads and dominant seventh, non-dominant sevenths, secondary dominants, diminished sevenths, and added sixths.

Prerequisite(s): PNO 161

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Every other Spring

PNO 201 - Private Piano Lessons for Non-Majors (1-2)

For all non-majors studying private piano. Students registering for 1 credit hour receive a one-half-hour lesson weekly. Students registering for 2 credit hours receive a one-hour lesson weekly. May be repeated.

Prerequisite(s): PNO 100 or permission by audition with Coordinator of Keyboard Studies.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

PNO 211 - Private Piano Lessons for Underclassmen Music Majors & Music Minors (1-2)

Underclassmen music majors and music minors enroll for 4 semesters of private instruction at the 211 level. Students registering for 1 credit hour receive a one-half-hour lesson weekly. Students registering for 2 credit hours receive a one-hour lesson weekly. Students selecting a performance emphasis are required to register for 2 credit hours per term. May be repeated.

Prerequisite(s): Acceptance into the music major or music minor by audition as described in the Music Student Handbook.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

PNO 251 - Intermediate Functional Piano (1)

Designed for non-keyboard music majors. Review of skills learned in PNO 152. Other emphases include playing accompaniments of vocal and instrumental pieces; preparing three-part vocal and two-part

instrumental scores; sight-reading parts from choral/instrumental scores; harmonizing tunes played by ear; playing pieces in four parts. Class meets twice weekly.

Prerequisite(s): PNO 152

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Spring

PNO 261 - Piano Accompanying I (0.5)

Designed for piano majors, except for those whose emphasis is Church Music. Students develop their skills in piano accompanying by accompanying a one half-hour vocal lesson per week during two semesters. Furthermore, students will participate in three monthly coaching sessions per semester.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PNO 262 - Piano Accompanying II (0.5)

Designed for piano majors, except for those whose emphasis is Church Music. Students develop their skills in piano accompanying by accompanying a one half-hour vocal lesson per week during two semesters. Furthermore, students will participate in three monthly coaching sessions per semester.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PNO 361 - Piano Pedagogy I (1)

Designed for piano majors and other students preparing to teach piano. In PNO 361, emphasis is placed upon business aspects of maintaining a studio; survey/evaluation of methods, materials, and techniques for teaching young pianists; observation of piano teachers. In PNO 362, students teach piano to young beginners while being supervised by the instructor.

Prerequisite(s): Consent of the instructor.

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PNO 362 - Piano Pedagogy II (1)

Designed for piano majors and other students preparing to teach piano. In PNO 361, emphasis is placed upon business aspects of maintaining a studio; survey/evaluation of methods, materials, and techniques for teaching young pianists; observation of piano teachers. In PNO 362, students teach piano to young beginners while being supervised by the instructor.

Prerequisite(s): PNO 361

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PNO 371 - Piano Literature (1)

Piano Literature is a course designed for the piano major pursuing a Bachelor of Arts in Music with emphasis in Performance. The course includes a brief survey of some of the best literature for solo piano composed during the 18th through 20th centuries.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PNO 411 - Advanced Private Piano Lessons for Upperclassmen Music Majors (1-2)

Upperclassmen music majors in the B.A. degree program must complete 4 semesters of instruction at the 411 level. Those approved for the Performance Emphasis are required to enroll for 2 credit hours per term. Students whose emphasis is Composition and Arranging or Music History are only required two semesters of private lessons at the 411 level with a demonstration of major instrument proficiency as outlined in the recital guidelines published by the Music Department (available at this website: www.asbury.edu/academics/departments/music/music-home/current-student-forms). Upperclassmen music education majors in the B.S. degree program must complete at least 3 semesters of instruction at the 411 level. May be repeated.

Prerequisite(s): Upperclassman Proficiency Exam passed, as described in the Music Student Handbook.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

Political Science

PS 101 - American Politics & Government (3)

Designed to enable students to understand American political dynamics in an era of gridlock and red state/blue state tensions, this course begins with the Founders' arguments about the nature of the regime they designed in 1787. Following an examination of the structure and politics of the legislative, executive, and judicial branches of government, the course covers critical topics in current American politics, such as interest group behavior, political parties, the federal budget, the media, shifting national demographics, and political culture and ideologies.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

PS 201 - State & Local Politics and Government (3)

Though knowledge of national politics is important for effective citizenship, Americans are most likely to engage with the political system at the state and local levels. This course acquaints students with the dynamics of state government and politics, which vary substantially across the nation, and of local governing entities such as city councils, county governments, school boards, zoning commissions, regional development agencies, and so forth.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PS 202 - History & Politics of the U.S. Constitution (3)

Originally created as a relatively simple structure for a functioning government, the U.S. Constitution has become layered and complicated over the decades through amendments and, more importantly, judicial and regulatory decisions about how the provisions of the document are to be interpreted. This course examines changes over time in the Supreme Court, and how its interpretations of constitutional provisions have affected American political life. Special topics include civil rights and affirmative action, freedom of speech, church/state concerns, human life issues, campaign finance, and state's rights.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PS 205 - Markets & Politics (3)

A survey of political economy, this course explores the two fundamental and opposing principles for organizing societies and economies: markets and politics. It begins with reading selections from the two most famous advocates for these positions, namely Adam Smith and Karl Marx, but also includes a historical and theological section on development of the concept of the market. The latter part of the course covers more recent work on the uses of politics and markets by scholars such as John Kenneth Galbraith and Charles Lindblom, as well as the collapse of command-and-control economic systems and the "triumph" of markets.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PS 265 - Honors Political Science (3)

Honors Program course in Political Science. Course syllabus varies by semester. Equivalent to PS 101.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

PS 300 - Washington Federal Seminar (3)

A study of the actual and potential role of evangelical Christians in elected, appointed and career positions in the federal government. Includes approximately two weeks of formal classroom time for a survey of American national government and a one-week intensive intercollegiate Federal Seminar in Washington D.C. Travel and on-site costs in Washington are in addition to tuition. A GPA of 2.50 or better is required.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

PS 301 - Comparative Politics (3)

A Global Perspective on Governmental Forms--An introduction to the basics of comparative analysis of non-American political systems, the course provides an overview of alternative governmental approaches, from totalitarian and socialist regimes to constitutional and parliamentary democracies to authoritarian regimes and dictatorships. The course also includes case studies of numerous nations as they have operated under such regimes, including selected countries from Europe, Africa, the Middle East, and Latin America.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PS 302 - International Relations: Theory and Practice in Influencing Nations (3)

An overview of the most prominent theories for understanding how nations operate relative to one another, this course centers on the two most prominent streams of work in this arena, the idealist and realist schools of thought. Against this backdrop, students will also examine more recent versions of Marxism, critical theory, and functionalism, which each vie for prominence in the field. Students will consider many case studies that enable them to view geopolitical events through these interpretive lenses.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PS 303 - Presidential Leadership & Power in America (3)

An invigorating and time-honored approach to the study of American politics is to examine the institution of the presidency. This course revisits the debate among the founders about the nature of the chief executive in a federal republic and provides a detailed analysis of the shifts in presidential powers, roles, and leadership styles that have occurred over many decades. The course provides special attention to the historical context of the presidents and the interactions of events with their personalities and political beliefs. It concludes with discussion of the recent debates over appropriate presidential power in the age of global terrorism.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PS 304 - American Political Ideology & Culture (3)

The political map of the U.S. is constantly evolving, as people move in and out of regions of the country, as they move across rural, urban, and suburban areas, as immigrants bring different languages and political habits to the nation, as the economy shifts, as issues and problems wax and wane, and as Americans' expectations about government change. This course traces many of these changes over the nation's history, and concentrates on the current "red," "blue," and "purple" configuration so prominently discussed in the media and political circles. Students will understand how demography, urban city, region, political parties, and culture affect political ideology and voting habits.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PS 305 - Politics & Public Policy Making (3)

A macro level view of the interrelationship between politics and policy making, this course examines the major theoretical approaches developed for understanding shifts in policy over time and across domains of public life. Assuming that "disjointed incrementalism" describes the typical process by which policy evolves, students then consider various frameworks to explain non-incremental change in policy structures, such as the multiple streams approach or the advocacy network approach. Includes an array of case studies at the national and state level in policy arenas such as health care, pension reform, education, and transportation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PS 307 - American Foreign Policy (3)

This course offers an exploration of the politics of American foreign policy from the 1750s through the War or Terror era. By working through several carefully chosen books in this field, students will see not an isolationist people but a nation for which active foreign affairs has always been a pivotal matter. Students will also consider the development of several major schools of thought on the proper role of America vis-à-vis other major and minor powers, how these perspectives have shifted over the decades, and how they manifest themselves today in political debates about foreign policy, especially with regard to wars, alliances, and how the US uses its economic and military power around the world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PS 319 - Human Trafficking: Global and Regional Perspectives (3)

Human trafficking is a modern form of exploitation which has aroused significant interest across a wide variety of disciplines. This course introduces students to human trafficking, both on a global level and in specific regions of the world. Students will also learn and practice social science research skills for a research topic related to human trafficking.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-odd years

PS 391 - Independent Study (1-3)

A directed and supervised study of a selected research problem including the preparation of a scholarly paper. May be repeated.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PS 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PS 435 - Internship in Politics (0.5-9)

Students are placed in settings with a political focus, such as legislative or executive branch offices in Washington, DC or state capitols, political party headquarters, interest group offices, think tanks, political research firms, or international organizations. Students will negotiate specific projects to work on during their internships, and written reports will be submitted by the office and by the student to the professor. This is an option for the student and will be tailored to fit the student's needs to the greatest extent possible. Consent of the instructor must be secured. Students may accumulate up to 6 hours of credit toward the major through internship.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PS 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PS 474 - Capstone in Politics (3)

This course, open to both seniors and juniors who are near completion of their coursework, typically offers a disciplinary perspective on political science, through an exploration of the history and development of the

field, and an overview of the major analytic or theoretical frameworks prominent in the discipline in recent decades. Students will also complete a significant research paper and will take part in various assessment activities involving the program.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

Psychology

PSY 101 - Psychology & Everyday Life (3)

This course introduces students to the foundational principles of psychology, emphasizing the nature of psychology as a social-behavioral science through the examination of several specific areas including neuroscience and consciousness, development, gender and sexuality, memory, cognition/intelligence/language, stress and health, social, psychopathology, and therapy. Another principle objective of this course is to introduce students to the integration of Christianity and psychology. This is recommended for all PSY courses and required for some PSY courses. Fulfills the Social Sciences component of the Foundations Core and is required for students majoring or minoring in Psychology

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PSY 111 - Psychology & Professional Life (3)

A basic course with special emphasis on the history of psychology, sensation and perception, motivation, emotion, personality and learning. Another principle objective is to expose students to various psychology-related careers by bringing in various professionals who studied psychology as an undergraduate. Careers highlighted will include professions such as counseling, psychotherapy, psychological assessment, social and human services, residential care, forensic applications and settings, teaching, research, industrial/organizational, psychiatry, church/para-church and missions. This course is intended to be taken during the freshman or sophomore year.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

PSY 201 - Developmental Psychology across the Lifespan (3)

This course provides an introduction to the major principles of developmental psychology across the lifespan, from conception to old age. Emphasis is placed on theory and data relating to the developmental aspects of cognitive, biosocial, psychosocial, and spiritual functioning. PSY 201 is an elective course for psychology majors and minors. Recommended first: PSY 101 or SOC 101.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PSY 210 - Social Psychology (3)

A study of the ways in which individuals think about, influence, and relate to other people. A scientific analysis of human social behavior. Recommended first: PSY 101 or SOC 101.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PSY 220 - Stress Management (3)

Designed to increase awareness of factors that help or hinder personal adjustment to life events and situations. Stress inoculation, stress management, and coping resources are emphasized. Recommended first: PSY 101.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

PSY 250 - Human Dignity & the Social Sciences (3)

This course will examine the relationship between the ideas, imagery, and personalities found within the social and life sciences with the concept of inherent human dignity. Focus will be placed on the historical conflict found in the mental testing and eugenics movement culminating in an examination of the atrocities committed in Europe during WWII. However, more contemporary issues related to the interface between science and human value will also be discussed. Each student will also develop a personal project for class presentation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: spring

PSY 255 - Human Dignity Tour of Central Europe (3)

This course, among pretrip readings and meetings, and a post-trip reflection assignment, features a 10-11 day on-site academic tour of holocaust-related venues in and around Berlin, Germany and Kraków, Poland (including but not limited to: The Jewish Museum of Berlin, Brandenburg Euthanasia Center, Sachsenhausen, Ravensbruck, and Plaszów Concentration Camps, Auschwitz I and II). Pre-trip events include readings two books as well as multiple (6 or more) pre-trip class meetings for discussion and cohort building. Mid-trip work includes a daily journal (as well as taking part in touring all venues). Post trip work includes a substantial reflection paper.

Prerequisite(s): None

Corequisite(s): OFC361

Grading Method: Letter Grade

Term Typically Offered: Summer

PSY 265 - Honors Research/Project (1)

Honors Program course in the Psychology Department. Course syllabus varies by semester. Equivalent to PSY 101.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PSY 275 - Survey of Psychology-related Careers (1)

Designed for any student interested in the range of career paths open to psychology majors. Surveys careers in counseling, psychotherapy, psychological assessment, social and human services, residential care, forensic applications and settings, teaching (high school or college/university), research, industrial/organizational, psychiatry and other medical specialties, psychiatric nursing, and church/para-church/missions applications. Job search strategies, steps and tools are detailed. Intended to be taken during Fall of Sophomore year. Recommended first: PSY 101.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

PSY 276 - Writing for Behavioral Sciences (1)

Students will learn the format and style advocated by the American Psychological Association. Intended to be taken Sophomore year.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

PSY 315 - Statistics for Behavioral Science (3)

An introduction to descriptive statistics, inferential statistics, and probability with emphasis on the application of these statistical procedures to experimentation. It is recommended for PSY majors to take this concurrently with PSY 372 in the fall of junior year.

Prerequisite(s): MAT 111, MAT 119 , or MAT 120 or equivalent. Junior year.
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

PSY 320 - Psychology of Gender & Sexuality (3)

Examines psychobiological, sociopsychological, evolutionary, and developmental perspectives on gender and sexuality. Integrates theories regarding the psychology of gender and sexuality into a Christian worldview. Recommended first: PSY 101.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

PSY 322 - Integrating Equines Into Mental Health Services (3)

This course will introduce students to Equine-Assisted Mental Health (EAMH) services. The course will survey the history of EAMH services and theories, the current status and organization of the field, along with career and certification opportunities. The course will cover foundational theories of EAMH interventions and practices and how these are applied with various populations and diagnosis. Ethical considerations regarding current practices, issues related to the current organization of the field, as well as the lack of empirical data will be approached by applying critical thinking skills to support students in developing of a realistic understanding and appreciation for the early stage of development of EAMH services.

Prerequisite(s): PSY 101
Grading Method: Letter Grade
Term Typically Offered: Every other spring

PSY 323 - Integrating Equines Into Mental Health Services II (3)

This course will introduce students to the practice of EAMH services, including specific skills related to the practice of EAMH services, how to incorporate equines into mental health services safely and ethically, and how to consider other aspects unique to the farm environment that influence the therapeutic process. Students will learn practical aspects related to the management EAMH services and how these differ from traditional "indoor therapy services". Students will gain hands-on experiences by participating in EAMH service initiatives at the AU Equine Center.

Prerequisite(s): PSY 322
Grading Method: Letter Grade
Term Typically Offered: Every other fall

PSY 330 - Cognitive Psychology (3)

Explores the current and historical theories, research findings and methodologies associated with topics relating to various information processing tasks. Perception, attention, memory, knowledge representation and organization, language, reasoning, and problem solving.

Prerequisite(s): PSY 101
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

PSY 335 - Sports Psychology (3)

The examination of psychological implications for sport and exercise including but not limited to the following topics: sport and exercise related motivation, arousal and anxiety factors in the athlete, cognitive and behavioral interventions for improved performance, the social psychology of sport, and the psychobiology of sport.

Prerequisite(s): PSY 101 or SOC 100
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

PSY 340 - Forensic Psychology (3)

An introduction to the major theories and issues related to forensic psychology. Emphasis is placed on the science and practice of psychology in the criminal justice systems, exploring police and investigative psychology, crime and delinquency, the criminal mind, victimology legal psychology, and correctional psychology.

Prerequisite(s): PSY 101 or SOC 100 Recommended: PSY 360
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

PSY 341 - History & Systems of Psychology (3)

Historical development, description and explanation of different schools of thought in psychology, as well as biographies of several important figures from psychology's past. This course facilitates, paradigmatically speaking, a current understanding of the field of psychology.

Prerequisite(s): PSY 101
Grading Method: Letter Grade
Term Typically Offered: Spring

PSY 342 - Cross-Cultural Psychology (3)

Examines the effects of culture on the way people think, act, feel, adapt to their environments, and relate to others. Explores various psychological processes across global cultures including emotion, personality, cognition, perception, communication, development, gender concepts, abnormal psychology, treatment, self and identity, and social behaviors and interactions. [*Course does NOT satisfy the Cross-Cultural Engagement requirement.]

Prerequisite(s): PSY 101
Grading Method: Letter Grade
Term Typically Offered: Every other Spring

PSY 351 - Counseling & Psychotherapy I (3)

An introduction to the various theories, techniques, and issues related to the practice of counseling and psychotherapy. Integration of applied psychology, Wesleyan theology, and Christian spirituality are emphasized.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Fall

PSY 352 - Counseling & Psychotherapy II (3)

Advancement of the student's knowledge of the practice of counseling and psychotherapy. Introductory helping skill development is emphasized through supervised training experience with a systematic model.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: spring

PSY 360 - Abnormal Psychology (3)

An examination of the various psychological disorders, as well as theoretical, clinical, experimental, and theological perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Fall

PSY 365 - Adolescence & Emerging Adulthood (3)

This course examines the biological, cognitive, social, spiritual, and psychological development from adolescence into emerging adulthood as well as the roles of history, culture, religion / spirituality, and social experiences in the family, peer group, school, and community in shaping aspects of this development. Emphasis will be given to the theories, research, and general principles associated with development during these two periods of life.

Prerequisite(s): PSY 101 or SOC 100 Recommended: PSY 201, ED 230, SW 251, or SW 252

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PSY 368 - Child & School Psychology (3)

This course provides an overview of childhood disorders and introduces students to fields of school psychology and counseling. This course will review the symptom patterns, prevalence, causal factors, and treatment options of behavior and mental disorders in children and teens, while also exploring the roles of school psychologists and school counselors in assessment, consultation, and intervention services within the school setting.

Prerequisite(s): PSY 101 or SOC 100 Recommended: PSY 201, PSY 360, ED 230, SW 251, or SW 252

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PSY 372 - Experimental Psychology (3)

Prepares students to critically evaluate empirical research in psychology and to design, conduct, and present original research projects. Course topics cover literature reviews, development of testable hypotheses, research design concepts, statistical procedures relevant to behavioral research, data collection techniques, interpretation and evaluation of research findings, and ethical issues in research.

Prerequisite(s): PSY 101, PSY 276

Corequisite(s): PSY 373

Grading Method: Letter Grade

Term Typically Offered: Fall

PSY 373 - Experimental Psychology Lab (1)

In conjunction with PSY 372, this course allows students to use the methodologies and tools of psychological research. Students will design and implement their own research designs, and then analyze and communicate the results in both written and oral formats.

Prerequisite(s): PSY 101, PSY 276

Corequisite(s): PSY 372

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

PSY 375 - Integration & Vocation Seminar (1)

Explores the relationship between Christianity and psychology as a science and helps students clarify their own calling. Intended to be taken concurrently with PSY 376 in Spring of Junior year.

Prerequisite(s): PSY 276

Corequisite(s): PSY 376 and full acceptance into PSY program

Grading Method: Letter Grade

Term Typically Offered: Spring

PSY 376 - Pre-Professional Seminar (1)

Students will be informed about all aspects of graduate school (preparation, application, success) as well as how to prepare for job hunting and occupational success after undergraduate life. Intended to be taken concurrently with PSY 375 in Spring of Junior year.

Prerequisite(s): PSY 275

Corequisite(s): PSY 375 and full acceptance into PSY program

Grading Method: Letter Grade

Term Typically Offered: Spring

PSY 381 - Physiological Psychology (3)

Physiological explanation of behavior, primarily in the areas of sensation, motivation, learning, and memory.

Prerequisite(s): PSY 101 and BIO 100 (or equivalent).

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PSY 391 - Independent Study (1-3)

An in-depth study of a given problem area of interest to the student. Designed for students who plan graduate studies in psychology or for those who desire to enhance their own personal development. No more than a total of five hours of Independent Study or any practicum experience may apply toward the major.

Prerequisite(s): PSY majors only and permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PSY 393 - Seminar (1-3)

Study of various topics of psychological theory, research, and application. Recommended: PSY 101.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

PSY 435 - Clinical/Counseling Practicum (1-4)

Provides a practicum experience in a clinical/counseling context in order to expose the student to practical applications of psychology in real world settings. No more than a total of five hours of Independent Study or any practicum experience may apply toward the major.

Prerequisite(s): PSY majors only and permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PSY 436 - Research Practicum (1-3)

Provides a practicum experience in a research context in order to expose the student to practical applications of psychology in real world settings. No more than a total of five hours of Independent Study or any practicum experience may apply toward the major.

Prerequisite(s): PSY 315, PSY 372, PSY majors only and permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

PSY 437 - Teaching Practicum (1-3)

Provides a practicum experience in an educational context in order to expose the student to practical applications of psychology in real world settings. No more than a total of five hours of Independent Study or any practicum experience may apply toward the major.

Prerequisite(s): PSY 101 PSY majors only and permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PSY 442 - Psychology of Religion (3)

Relates modern psychological theory, research, and practice to the study of religious experience. Selected aspects of psychology are also examined in the light of the Christian religion. Recommended: PSY 101.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

PSY 445 - Christian Counseling Methods (3)

An introduction to and survey of the most common patently "Christian" models of counseling. It supplements PSY 351 (which surveys the standard secular counseling models and critiques each from a Christian perspective) and PSY 352 (which introduces students to a basic counseling model and gives them practice in using that model). Neither PSY 351 nor PSY 352 introduces students in any depth to strictly Christian models. Students who end up working in Christian religious settings or for Christian organizations may find it helpful to know about counseling models that were created in and for Christian settings and which make use of Christian language, concepts, and resources.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PSY 452 - Psychology of Personality (3)

An examination of personality structure, dynamics, and development emphasizing major theoretical perspectives and current research, including psychodynamic, trait dimension, biological, humanistic, behavioral, and cognitive approaches, with application of personality theories to students' personal and professional lives.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PSY 454 - Expressive Therapies (3)

A comprehensive introduction to and survey of the most common forms of expressive therapies including art, music, movement, drama, writing, play, sand tray, and integrative approaches as they are used with persons across the lifespan both individually and in groups. The ways in which these creative therapies can be used along with traditional forms of psychotherapy will also be explored. Although the course by itself does not prepare students to be professional expressive therapists, it will help students understand what the practice of these therapies might be like and will give students information about what would be involved in pursuing these career paths.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PSY 462 - Psychological Assessment (3)

An introduction to theories and principles of psychological testing in areas such as intelligence, personality, achievement, interest, and neuropsychology. Emphasizes the principles by which tests are constructed and validated. Also examines controversies regarding the valid, appropriate and fair use of psychological tests.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PSY 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

PSY 472 - Psychology of Learning & Motivation (3)

A comparison of theoretical explanations of the causes of behavior and behavior change, and of the empirical evidence on which they are based.

Prerequisite(s): PSY 101

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

PSY 475 - Senior Seminar (1)

Requires students to demonstrate their understanding of psychology and related skills (including library research, written communication, and APA writing style) through major written papers and comprehensive summative assessments. Intended to be taken in Fall or Spring of senior year.

Prerequisite(s): PSY 276 and senior Psychology major.

Corequisite(s): PSY 476

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

PSY 476 - Ethical Issues in Psychology (1)

An in-depth exploration of the values and ideas that guide and influence professional practice in psychology, including professional codes of conduct, philosophical ethical principles, and Christian morality. Topics include confidentiality, informed consent, competence, integrity, respect, and other ethical guidelines.

Prerequisite(s): PSY 276 and senior Psychology major.

Corequisite(s): PSY 475

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

Recitals

RCT 041 - Recital Attendance (0)

Required of music majors/minors. Music majors: 8 consecutive semesters; Music Education majors: 7 semesters (student teaching semester is exempt); Music minors: 4 semesters. May be repeated.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Fall, Spring

RCT 280 - Elective Music Recital (1)

Non-required recital (requires approval of the music faculty). This recital consists of 22-24 minutes of music.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

RCT 380 - Junior Recital (1)

Required only of music majors with an emphasis in performance. This recital consists of 26-29 minutes of music.

Prerequisite(s): None

Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

RCT 480 - Senior Recital (1)

Required only of music majors (B.A.) with an emphasis in Church Music Leadership, Pre-Music Therapy or music majors (B.A.) without an emphasis. This recital consists of 26-29 minutes of music.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

RCT 481 - Senior Recital (0.5)

Required only of music majors with an emphasis in Composition/Arranging. This recital consists of 10 minutes of music performed with the student's major instrument.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

RCT 482 - Senior Recital (0.5)

Required only of music majors with an emphasis in Composition/Arranging. This recital consists of 16-20 minutes of music composed or arranged by the students.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

RCT 483 - Senior Recital (0.5 or 1 cr. with approval)

Required only of music education majors. This recital consists of 14-15 minutes of music for .5 credit or 26-29 minutes of music for a 1 credit recital, which requires music department approval.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

RCT 484 - Senior Performance Recital (2)

Required of students completing the emphasis in (INS, ORG, PNO) Music Performance. This recital consists of 50-55 minutes of music performed with the student's major instrument.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

RCT 485 - Senior Vocal Performance Recital (2)

Required of vocal students with a vocal performance [VOC] emphasis, which consists of 50-55 minutes of music, will also require an extended research project on composers and operas/oratorios studied, as well as character studies ("singer as actor"), and detailed text studies resulting in a more extensive printed recital program including program notes as well as translations for songs in foreign languages.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

Recreation

REC 228 - Practicum (1)

Forty hours of practical experience and observation in selected recreation agency settings.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

REC 231 - Introduction to Therapeutic Recreation (3)

Theoretical, philosophical and historical foundations of therapeutic recreation; role of the treatment and rehabilitation in settings and service models. Professional development and current issues and problems in therapeutic recreation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

REC 252 - Principles of Church Recreation (3)

Study of history, philosophy, programming, and administration of recreation in the church as it relates to the total ministry. Overview of leisure and its value in the church setting.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

REC 342 - Recreation Programming (3)

Study of programming content and process including assessment, planning, implementation, and evaluation of programs and services.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

REC 391 - Independent Study (1-3)

A directed and supervised investigation of a selected problem/topic in the area of REC, mutually agreed upon by the student and professor. Available to senior REC majors. A student may take up to six (6) hours of independent studies.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

REC 422 - Plan, Design & Maintenance of Recreation, Athletic, and Park Facilities (3)

[use SPM 422]

Prerequisite(s): None

Grading Method: Letter Grade

REC 435 - Internship (3-6)

Directed professional field experience in public and private recreation agencies.

Prerequisite(s): Senior status and application process must be completed and approved by department.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Sociology

SOC 100 - Introduction to Sociology (3)

An introduction to the perspectives, methods, concepts, and general findings of the sociologist. Includes discussion of historical and conceptual development of sociology and is a study of society with analysis of group life and other forces shaping human behavior. Serves as the basic course for students who intend to take additional courses in sociology or as a support course for other majors.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SOC 101 - Introduction to Criminal Justice (3)

A study of the general social conditions as they relate to understanding of crime, juvenile delinquency, and the corrections systems. An analysis of the incidence, causes, the court systems, methods of treatment, punishment, reform, and measures for prevention of crime and delinquency is included in this study.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SOC 112 - Introduction to Anthropology (3)

An introduction to the comparative study of man and his culture. Treated are such themes as social organization (e.g. marriage, kinship, social stratification, etc.), social interaction (e.g. economic and political systems, religion, social control, etc.), and cultural change.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SOC 201 - Inequalities in Society (3)

Globalization is the process by which social realities increasingly extend beyond the confines of one's own societal context and gives rise to new interdependencies, implications, and challenges on a global scale. This course takes a sociological perspective on globalization and current social problems, in which attention is given to the 21st century "flat" world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

SOC 252 - Juvenile Delinquency (3)

A study of the problems of juvenile delinquency in America and across cultures; including its nature and causes, the juvenile court system, methods of treatment, probation, detention, parole and prevention.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

SOC 260 - Practical Sociology (3)

The first half of the course will focus on an introduction to the symbolic, institutional and individual aspects of systemic oppression in local and global contexts and introduces students to theories of social justice and peace and strategies for social change. The second half of the course will focus on community development and will examine community development beginning with its historical roots. Policies that form the contemporary framework of the field will also be discussed, along with key theories such as social capital formation and asset development. Successful church-based and other nonprofit community development models will be identified and explored.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SOC 265 - Honors Sociology (3)

Honors Program course in Sociology. Course syllabus varies by semester. Equivalent to SOC 100.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

SOC 310 - Culture, Media, & Society (3)

This course will enable students to interrogate the concept of "culture" and explore the ways in which humans use culture to construct meaning. Through examination of cultural forms such as food, fashion, film, and language, it also considers how material and visual culture is embedded within broader societal processes and structures.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

SOC 311 - Sociology of Religion (3)

Cross-cultural analysis of religion as a social institution as it relates to culture, society, and the individual.

Prerequisite(s): SOC 100 or SOC 112

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SOC 312 - Issues in Intercultural Relations (3)

A study of the cultural, political, economic, linguistic and social relationships between racial and ethnic groups in multicultural America, and within and between other nations. Emphasis will be on understanding the origins, history and current state of racial and ethnic groups, the appreciation of other cultures, and on the Christian responses to conflict.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

SOC 322 - Rural Studies (3)

A study of the rural culture, its role, socialization, interaction processes, and of their effect upon society. Emphasis upon the Appalachian culture, its institutions, folkways, and social structure.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring

SOC 323 - Urban Studies (3)

A study of urban social, economic, and political growth and their effects upon mass society. Emphasis on patterns of urban growth, demographic and ecological processes, institutions, folkways, and dynamics of social class.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

SOC 331 - Introduction to Research Methods (3)

(same as SW 331).

Prerequisite(s): Social Work or Sociology major or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Spring

SOC 341 - Marriage & Family Studies (3)

Development of the family as a social institution with emphasis on the contemporary American family its structure and interaction. Emphasis will also be placed on family organization, interaction, and communication in the parental and post-parental family. Courtship and marriage given special emphasis. Mate selection problems, adjustments in marriage, communication, human sexuality, finances and other important factors included.

Prerequisite(s): Junior status or permission of the professor.

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

SOC 350 - Race and Ethnicity (3)

Both race and ethnicity are ubiquitous categories that shape our life experiences and influence how we interpret and interact with the world. This class explores where those categories come from, how we learn about them, and how they contribute to race-based differences and inequalities in society.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

SOC 353 - International Social Issues (3)

Examines international social problems. Social problems are defined as issues that affect many people and require collective action. The course is designed to study social problems that affect the lives of inhabitants in several countries and require international action to bring their resolution.

Prerequisite(s): None

Grading Method: Letter Grade
Term Typically Offered: Every other Spring

SOC 355 - Gender and Society (3)

This course introduces key topics related to gender such as work, family, violence, and social inequality. In addition to exploring cultural constructions of masculinity and femininity, it will consider the intersection of gender with structural forces, cultures, and social institutions.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Fall

SOC 372 - Sociological Theory (3)

A study of the development of the discipline of sociology in terms of the major trends of sociological theory, past and present, including the theorists and the major theoretical problem areas of the discipline.

Prerequisite(s): Senior standing; Sociology, Social Sciences or Philosophy majors.
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

SOC 391 - Independent Study (1-3)

Individual research and/or reading in particular fields of sociology.

Prerequisite(s): Permission of the professor.
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

SOC 393 - Seminar (1-3)

The study of various social issues with special emphasis on trends and issues of interest in the field. Topics will be determined and announced each semester when the course is offered.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

SOC 414 - Perspectives on Aging (3)

Study of the social, psychological, biological and economic aspects of aging. The content is interdisciplinary, cross-cultural, and examines the positive contributions and special problems of the aging population. Dying, death and grief are included in the exploration of end of life stages.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

SOC 435 - Internship (1-5)

To provide the opportunity for extensive work in a selected area of sociology, including special investigations, reports, and discussions. Internships can be designed to meet the student's specific interests.

Prerequisite(s): Senior Sociology Major and/or permission of the professor.
Contract Course: Yes

Grading Method: Letter Grade
Term Typically Offered: Contract course offering

SOC 465 - Honors Research/Project (1)

Final Research, Project, or Creative Product in the Honors Program.
Prerequisite(s): By permission only; see Honors Program Coordinator.
Corequisite(s): Honors Program Admission
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

SOC 475 - Senior Seminar (2)

Serves as the senior capstone course for sociology majors. Provides integration of theory and practice. Includes case studies, readings, a final integrative written paper and study of vocational and educational (graduate programs) pathways within sociology as well as the administration of a general knowledge standardized test in sociology for program assessment purposes.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

Special Programs

SPE 000 - Special Off Campus Study (0-18)

Denotes an affiliate course completed with another institution as part of a study abroad or off campus program. See Study Abroad for off campus program opportunities. Course number and credits vary.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Off-Campus Program

Sport Management

SPM 220 - Introduction to Sport Management (3)

Basic concepts and principles of sport management. A survey of the careers, professional opportunities, and the structure and process of sport organizations.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

SPM 240 - Management & Leadership in Sport (3)

This course emphasizes the management and leadership principles related to the business of sports. It includes personnel, programs, marketing, media, financial management and an overview of career opportunities in this rapidly expanding field. Elements of leadership theory and practices relating to managerial responsibilities are also covered.
Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

SPM 320 - Sport Event Management (3)

Sport events have grown to encompass much of our free time. Because of this growth, event management is one of the most sought-after skills in the entertainment industry. With the construction of massive new facilities, there is a growing need for skilled individuals who can fill arenas, stadiums, and coliseums with programming on a yearly basis. In an effort to help facilitate this need this course provides the student with necessary foundations of event management, including conceptualization, staffing, budgeting, financing, promoting, securing and managing. Upon completion of this course students will understand the competencies necessary for managing and operating sport events through theory and application.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

SPM 330 - Sport Communication (3)

Provides an introduction to such areas as interpersonal communication, small group communication, and mass communication as applied to sport organizations. Other topics include electronic media, print media, media management, public speaking, and organizational communication.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

SPM 340 - Sport Marketing (3)

Fundamental areas of marketing and promotion are applied to the sport industry. Emphasis on the principles, policies, and product of sport and successful fund raising.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

SPM 391 - Independent Study (1-3)

Independent study projects with required written reports approved and directed by a member of the finance faculty.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

SPM 393 - Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SPM 400 - Sport Law (3)

Study of negligence liability, product liability, risk management procedures, legal status of sports organizations, and crowd control and security. Also tort law, constitutional law, contracts, sport labor relations, and selected current issues.

Prerequisite(s): None

Grading Method: Letter Grade
Term Typically Offered: Every other Fall

SPM 422 - Facility Management & Design (3)

Planning principles and procedures of athletic, recreation, and park areas. Facilities, designing problems, details of structure and equipment, master planning methods, study of standards and trends of maintenance procedures.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

SPM 435 - Internship (0.5-6)

Directed professional field experience in Sport Management (240 hours expected).

Prerequisite(s): Senior status; application process; approval by the department.
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

Spanish

SPN 101 - Elementary Spanish I (3)

An introduction to the study of Spanish with emphasis on listening, speaking, reading, and writing. This course is designed for students who have never studied Spanish.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

SPN 102 - Elementary Spanish II (3)

Review and expansion of Spanish grammar, composition, and conversation.

Prerequisite(s): SPN 101 or placement by examination.
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

SPN 201 - Intermediate Spanish (3)

Continued development of listening, speaking, reading, and writing skills in Spanish with a cross-cultural emphasis.

Prerequisite(s): SPN 102 or placement by examination.
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

SPN 291 - Advanced Intermediate Spanish (3)

Designed to familiarize students with grammatical structures and syntax not mastered in elementary or intermediate Spanish. Special attention will be placed on enhancing student skills in speaking, as well as the acquisition of cultural and literary knowledge. Enables students to move smoothly into courses at the 300-level and beyond.

Prerequisite(s): SPN 201, placement by examination, or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SPN 301 - Spanish Composition & Conversation (3)

Intensive practice in both oral and written Spanish communication.

Prerequisite(s): SPN291, placement by examination, or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SPN 302 - Advanced Spanish Grammar & Composition (3)

Review and study of advanced Spanish grammar with intensive practice in writing Spanish prose.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Spring

SPN 303 - Introduction to Literature (3)

Designed to familiarize students with the basic study of literary genres, critical reading skills, and basic literary analysis.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SPN 322 - Culture & Civilization of Spanish America (3)

A survey of the cultural patterns of Spanish America from the pre-Columbian period to the present time. Emphasis on historical and contemporary attitudes, cultural contributions, geography, and the role of Spanish America in the world today.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall

SPN 323 - Culture & Civilization of Spain (3)

A survey of the cultural patterns of Spain from its prehistory to the present time. Emphasis on historical and contemporary attitudes, cultural contributions, geography, and the role of Spain in the world today.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Spring

SPN 331 - Spanish Literature I (3)

A survey of the development of Spanish literature from its earliest manifestations through the Golden Age. Readings from the major authors.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

SPN 332 - Spanish Literature II (3)

A survey of Spanish literature of the eighteenth century to the present. Readings from the major authors.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

SPN 342 - Spanish American Literature (3)

An introduction to the principal literary figures and movements of Spanish America from the nineteenth century to the present. Readings from the major authors.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall

SPN 391 - Independent Study (1-3)

Independent study in a specialized field in consultation with supervising professor.

Prerequisite(s): Completion of at least one 300-level Spanish course and a 3.0 GPA in Spanish courses, or permission of professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

SPN 393 - Seminar (1-3)

A course designed for advanced students with the area of concentration to be determined by the staff. May be repeated.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SPN 403 - Spanish Linguistics (3)

Introduction to the study of linguistics. Analysis of the phonetic and syntactic structure of the Spanish language.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Spring

SPN 430 - Masterpieces of Spanish Literature (3)

Study of selections from the masterpieces of the peninsular and Spanish-American canons. May be repeated with different readings.

Prerequisite(s): SPN 301 or permission of instructor.

Grading Method: Letter Grade

Term Typically Offered: Fall

Social Work

SW 100 - Introduction to Social Work (3)

An introduction course designed to study the development of the social work profession and the role of the social worker in society. The values and attitudes of the social worker are explored. The course includes field trips in which the student has opportunity to observe various social service agencies and the role and responsibilities of the social worker within these settings.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SW 211 - Encountering Poverty: Concepts/Interventions for Social Workers (3)

This course examines the causes and consequences of poverty. The course examines poverty through an exploration of its causes, theory, policy strategies for its amelioration and practice implications. Students will learn the terminology and analyze the philosophical, spiritual, conceptual, and theoretical frameworks utilized by diverse agents to understand and address poverty. The course investigates the impact of poverty on single individuals, families, minorities and vulnerable populations. Specific interventions are explored and analyzed. The goal of this course is to develop social work professionals who understand the problem of poverty from a variety of disciplines, understand key concepts and be prepared to intervene regardless of area of practice.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

SW 251 - Human Behavior & the Social Environment I: Birth to Adolescence (3)

Study of human growth and activity of the individual as a basis for understanding of oneself and the individuals of society. Emphasis will be on change and growth at different stages across the life span. An interdisciplinary approach examining biological, psychological, sociological, cultural, environmental, and spiritual aspects of human behavior will be used and applied to social work practice and understanding. Several theoretical approaches to explain human behavior and personality development are included.

Prerequisite(s): SW 100/SWA 100

Grading Method: Letter Grade

Term Typically Offered: Fall

SW 252 - Human Behavior & the Social Environment II: Adolescence through Adulthood and Aging (3)

Study of human growth and activity of the individual as a basis for understanding oneself and the individuals of society. An interdisciplinary approach examining biological, psychological, sociological, cultural, environmental, and spiritual aspects of human behavior will be used and applied to Social Work Practice and understanding. Several significant theoretical approaches to explain human behavior and personality development are included, with focus on change and growth from adolescence through adulthood and aging.

Prerequisite(s): SW 251/SWA 251

Grading Method: Letter Grade

Term Typically Offered: Spring

SW 302 - Social Work Ethics & Contemporary Practice (3)

A study of contemporary issues and trends in social work set within an historical context of the development of the social work field. Emphasis is placed on value and ethical dilemmas of practice and policy issues encountered by the social worker. Attention is given to problem and policy analysis to a wide range of activities and events that influence the quality of life for individuals, groups and society.

Prerequisite(s): SW 100/SWA 100 and SW 211/SWA 211. SW 251/SWA 251 also recommended.

Grading Method: Letter Grade
Term Typically Offered: Spring

SW 310 - Social Work Practice with Individuals & Families (3)

Students will be expected to demonstrate an integration and utilization of the knowledge base developed in Social Work and Social Service Systems. Emphasis will be given to the basic principles and values of practice in acquiring values, skills, theory and principles of social work practice, as well as the skill developments essential to beginning social work relationships. Interviewing and counseling techniques will be emphasized through video-taped role-playing. Intervention strategies for work with individuals and families are presented with an orientation toward problem-solving. The goal of this course is to assist the student in integrating theory with practice and in gaining awareness of the professional use of self.

Prerequisite(s): SW 211/SWA 211

Grading Method: Letter Grade

Term Typically Offered: Fall

SW 311 - Social Services for Children & Families (3)

A study of the various social services for children. This will include a historical perspective of child welfare and an awareness of societal problems which creates a need for social services to children and their families. Alternative placements outside the home, such as adoption, foster care, and institutionalization will be discussed as well as the supportive services offered to intact families and children.

Prerequisite(s): SW 100/SWA 100, SW 211/SWA 211, or permission of professor.

Grading Method: Letter Grade

Term Typically Offered: Fall

SW 331 - Introduction to Research Methods (3)

(same as SOC 331). A course directed toward introducing the student to the basic research process elementary research design, data collection procedures; analysis and interpretation of data, and the preparation of a research proposal or report.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

SW 340 - Practicum I (5)

The student is placed for a minimum of 200 hours for the semester in an agency providing social services. Requires a two-hour weekly seminar and individual, regular meetings with both field and academic instructors. The practicum and practice seminar provide additional opportunity for the student to integrate classroom knowledge with practical experience. The practicum is designed to give the student experience in working with individuals and/or groups in an agency setting. Assigned readings, process recording, and other tools are used to enhance the field practicum experience. Must be taken either fall or spring semester.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SW 385 - Spirituality in the Helping Professions (3)

This course is an exploratory effort to probe the connections between spiritual formation and social work. It arises from the belief that an integrated conceptualization of Christian social work is a rich source of vision, compassion and ability; and is more efficacious than a compartmentalized model in which so-called

"secular" social work is done by persons who also happen to be Christians.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

SW 390 - Social Work Practice with Groups (3)

Students will develop an understanding of theories, methods, and skills in relation to generalist social work practice with groups. This course provides a forum for students to also gain an understanding of the cultural values of individuals and the impact of those values on the group process, as well as ethical considerations related to group work. The course will emphasize group observation, team building, and experiential learning.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

SW 391 - Independent Study (1-3)

Individual research and/or reading in particular fields of social work.

Prerequisite(s): Permission of the professor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

SW 393 - Seminar (1-3)

Seminars will be offered in specific subject matters as necessary to further prepare students in the social work field. These courses could be independent study or a regular class format. Course will be an elective unless stipulated for a specific option in social work.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

SW 402 - Social Welfare Policies (3)

To develop an understanding of the history, concepts and consequences of social welfare policies of national, state, local and agency organizations. Analyzes the effects on the functioning of social workers at various agency and governmental levels. Examines methods of achieving change in social policy as well as policy implementation.

Prerequisite(s): SW 100/SWA 100, SW 211/SWA 211 or SOC major.

Grading Method: Letter Grade

Term Typically Offered: Spring

SW 410 - Social Work Practice with Communities & Organizations (3)

Designed to complete the undergraduate program and thus equip the student for beginning social work practice from a macro perspective. Focus is on competency in social work practice in multiple macro settings as a generalist in problem solving and social change, including administration, community organization/development, organizations, and grant writing.

Prerequisite(s): SW 310 and SW 340

Grading Method: Letter Grade

Term Typically Offered: Fall

SW 435 - Senior Social Work Practicum (2-3)

Practicum in an area of special interest and opportunity to increase skills and knowledge. Open only to seniors who have completed SW 340/SWA 340 and SW 440/SWA 440. Details are to be coordinated carefully with the supervising instructor and field placement supervisor.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

SW 440 - Practicum II (8)

The student is placed for a minimum of 320 hours for the semester in a social services agency. Every effort will be made for a placement compatible with the student's skills and interests. In addition the student is to meet individually on a regular basis with both field and academic instructors. The practicum and required practice seminar provide additional opportunity for the student to integrate classroom knowledge with practical experience. The practicum is designed to give the student experience with individuals, groups and organization in the agency setting. Assigned readings, process recording, and other tools are used to enhance the field practicum experience.

Prerequisite(s): SW 410/SWA 410 or concurrently. Senior social work majors only.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SW 475 - Senior Seminar (2)

Serves as the senior capstone course for social work program for the integration of theory, knowledge, skills, and values. Case studies, readings, and final written paper will be used as learning and discussion tools. Emphasis will be on ethical and value consideration as they apply to generalist social work practice. Exit interviews and testing, and resume preparation are a part of the course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

SWA 100 - Introduction to Social Work (3)

An introduction course designed to study the development of the social work profession and the role of the social worker in society. The values and attitudes of the social worker are explored. The course includes field trips in which the student has opportunity to observe various social service agencies and the role and responsibilities of the social worker within these settings.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SWA 211 - Encountering Poverty: Concepts/Interventions for Social Workers (3)

This course examines the causes and consequences of poverty. The course examines poverty through an exploration of its causes, theory, policy strategies for its amelioration and practice implications. Students will learn the terminology and analyze the philosophical, spiritual, conceptual, and theoretical frameworks utilized by diverse agents to understand and address poverty. The course investigates the impact of poverty

on single individuals, families, minorities and vulnerable populations. Specific interventions are explored and analyzed. The goal of this course is to develop social work professionals who understand the problem of poverty from a variety of disciplines, understand key concepts and be prepared to intervene regardless of area of practice.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SWA 251 - Human Behavior & the Social Environment I: Birth to Adolescence (3)

Study of human growth and activity of the individual as a basis for understanding of oneself and the individuals of society. Emphasis will be on change and growth at different stages across the life span. An interdisciplinary approach examining biological, psychological, sociological, cultural, environmental, and spiritual aspects of human behavior will be used and applied to social work practice and understanding. Several theoretical approaches to explain human behavior and personality development are included.

Prerequisite(s): SW 100/SWA 100

Grading Method: Letter Grade

Term Typically Offered: Fall

SWA 252 - Human Behavior & the Social Environment II: Adolescence through Adulthood and Aging (3)

Study of human growth and activity of the individual as a basis for understanding oneself and the individuals of society. An interdisciplinary approach examining biological, psychological, sociological, cultural, environmental, and spiritual aspects of human behavior will be used and applied to Social Work Practice and understanding. Several significant theoretical approaches to explain human behavior and personality development are included, with focus on change and growth from adolescence through adulthood and aging.

Prerequisite(s): SW 251/SWA 251

Grading Method: Letter Grade

Term Typically Offered: Spring

SWA 302 - Social Work Ethics & Contemporary Practice (3)

A study of contemporary issues and trends in social work set within an historical context of the development of the social work field. Emphasis is placed on value and ethical dilemmas of practice and policy issues encountered by the social worker. Attention is given to problem and policy analysis to a wide range of activities and events that influence the quality of life for individuals, groups and society.

Prerequisite(s): SW 100/SWA 100 and SW 211/SWA 211. SW 251/SWA 251 also recommended.

Grading Method: Letter Grade

Term Typically Offered: Spring

SWA 310 - Social Work Practice with Individuals & Families (3)

Students will be expected to demonstrate an integration and utilization of the knowledge base developed in Social Work and Social Service Systems. Emphasis will be given to the basic principles and values of practice in acquiring values, skills, theory and principles of social work practice, as well as the skill developments essential to beginning social work relationships. Interviewing and counseling techniques will be emphasized through video-taped role-playing Intervention strategies for work with individuals and families are presented with an orientation toward problem-solving. The goal of this course is to assist the student in integrating theory with practice and in gaining awareness of the professional use of self.

Prerequisite(s): SW 211/SWA 211

Grading Method: Letter Grade
Term Typically Offered: Spring

SWA 311 - Social Services for Children & Families (3)

A study of the various social services for children. This will include a historical perspective of child welfare and an awareness of societal problems which creates a need for social services to children and their families. Alternative placements outside the home, such as adoption, foster care, and institutionalization will be discussed as well as the supportive services offered to intact families and children.

Prerequisite(s): SWA100 and SWA211, or permission of professor.

Grading Method: Letter Grade
Term Typically Offered: Summer

SWA 331 - Introduction to Research Methods (3)

(same as SOC 331). A course directed toward introducing the student to the basic research process elementary research design, data collection procedures; analysis and interpretation of data, and the preparation of a research proposal or report.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

SWA 340 - Practicum I (5)

The student is placed for a minimum of 200 hours for the semester in an agency providing social services. Requires a two-hour weekly seminar and individual, regular meetings with both field and academic instructors. The practicum and practice seminar provide additional opportunity for the student to integrate classroom knowledge with practical experience. The practicum is designed to give the student experience in working with individuals and/or groups in an agency setting. Assigned readings, process recording, and other tools are used to enhance the field practicum experience. Must be taken either fall or spring semester.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

SWA 385 - Spirituality in the Helping Professions (3)

This course is an exploratory effort to probe the connections between spiritual formation and social work. It arises from the belief that an integrated conceptualization of Christian social work is a rich source of vision, compassion and ability; and is more efficacious than a compartmentalized model in which so-called "secular" social work is done by persons who also happen to be Christians.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

SWA 390 - Social Work Practice with Groups (3)

Students will develop an understanding of theories, methods, and skills in relation to generalist social work practice with groups. This course provides a forum for students to also gain an understanding of the cultural values of individuals and the impact of those values on the group process, as well as ethical considerations related to group work. The course will emphasize group observation, team building, and experiential learning.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

SWA 402 - Social Welfare Policies (3)

To develop an understanding of the history, concepts and consequences of social welfare policies of national, state, local and agency organizations. Analyzes the effects on the functioning of social workers at various agency and governmental levels. Examines methods of achieving change in social policy as well as policy implementation.

Prerequisite(s): SW 100/SWA 100, SW 211/SWA 211 or SOC major.

Grading Method: Letter Grade

Term Typically Offered: Fall

SWA 410 - Social Work Practice with Communities & Organizations (3)

Designed to complete the undergraduate program and thus equip the student for beginning social work practice from a macro perspective. Focus is on competency in social work practice in multiple macro settings as a generalist in problem solving and social change, including administration, community organization/development, organizations, and grant writing.

Prerequisite(s): SW 310/SWA 310, SW 340/SWA 340

Grading Method: Letter Grade

Term Typically Offered: Spring

SWA 440 - Practicum II (8)

The student is placed for a minimum of 320 hours for the semester in a social services agency. Every effort will be made for a placement compatible with the student's skills and interests. In addition the student is to meet individually on a regular basis with both field and academic instructors. The practicum and required practice seminar provide additional opportunity for the student to integrate classroom knowledge with practical experience. The practicum is designed to give the student experience with individuals, groups and organization in the agency setting. Assigned readings, process recording, and other tools are used to enhance the field practicum experience.

Prerequisite(s): SW 410/SWA 410 or concurrently. Senior social work majors only.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

SWA 475 - Senior Seminar (2)

Serves as the senior capstone course for social work program for the integration of theory, knowledge, skills, and values. Case studies, readings, and final written paper will be used as learning and discussion tools. Emphasis will be on ethical and value consideration as they apply to generalist social work practice. Exit interviews and testing, and resume preparation are a part of the course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

Theology

TH 250 - Foundations of Christian Thought (3)

This course provides a foundational knowledge of Christian thought, focusing on theology and its relation to the Christian life. Students will study the basic doctrines and practices of historic Christianity, such as the being, attributes, and workings of the Triune God; the nature, fallenness, and redemption of human beings; the character and mission of the church; the disciplines and duties of personal faith; and the nature of Christian hope. Attention is given to major formative events and key persons in the history of the church that have helped to shape Christian faith. Students will not only learn what and why Christians believe what they do, but how these beliefs serve as a guide to life in the contemporary world. Special emphasis is given to the essentials of Wesleyan thought.

Prerequisite(s): NT 100 and OT 100

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

TH 265 - Honors Theology (3)

Honors Program course in Theology. Course syllabus varies by semester. Equivalent to TH 250.

Prerequisite(s): By permission only; see Honors Program Coordinator.

Grading Method: Letter Grade

Term Typically Offered: Occasional offering

TH 290 - Christian Worldview (3)

The course will explore ways in which the student can develop a positive relationship with God as he/she explores the role of general revelation (the creation), special revelation (the Scriptures) and experiences God at work in the modern world.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring - APS only

TH 310 - History of the Early Church (3)

An introduction to the rise and development of the Christian church from its inception to the Council of Chalcedon in the fifth century.

Prerequisite(s): TH 250

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

TH 330 - The Theology of John Wesley (3)

A study of John Wesley's theology with particular attention given to his theology of salvation. Special emphasis will be placed on his doctrine of Christian perfection.

Prerequisite(s): TH 250

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

TH 340 - Pastoral Theology (3)

Designed to acquaint students with the office and functions of the pastor. Classical Christian sources and concepts are explored in order to develop a theory of pastoral care that is consistent with Scripture and the Wesleyan tradition.

Prerequisite(s): TH 250

Grading Method: Letter Grade

Term Typically Offered: Every other Fall

TH 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in biblical studies, including the preparation of a scholarly paper. A student may not take more than four (4) hours of independent study.

Prerequisite(s): OT 100, NT 100, 3.00 GPA, and approval of instructor.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

TH 393 - Seminar (1-3)

Selected topics in Theology.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

TH 400 - Historical Theology (3)

A study of the historical development of theology within the Christian tradition. Representative theologians and theological issues which have shaped the faith of the Christian church from post-biblical times to the modern period are investigated in the light of biblical, historical, and ethical concerns.

Prerequisite(s): TH 250

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

TH 410 - Modern Theology (3)

A study of 20th century theologians who have been decisive in responding to post-Enlightenment skepticism and its critique of revealed religion. Seminar class.

Prerequisite(s): TH 250

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

Theatre

THA 101 - Theatre Practicum (1)

Crew assignment in theatre production (minimum of 40 clock hours). May be repeated for a maximum of 4 credit hours.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

THA 113 - Stagecraft (3)

This course teaches the basic skills, tools, and techniques of the theatrical production. Materials and principles of set construction, painting, and shop work will be explored, with opportunities to build scenery, props and practice scenic painting techniques. Shop etiquette, organization and safety (OSHA) requirements/certification option will be discussed as well. Work on theatre productions is required outside of class hours.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

THA 150 - Voice & Movement for the Actor (3)

Introduces concepts and techniques to help the actor with ease of movement, inhabiting one's body on stage, and using it for effective characterization. Similarly, voice techniques for relaxation, healthy vocal production, enunciation, and projection are taught and practiced as well.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Every other Spring

THA 151 - Acting I (3)

A hands-on study of the basic principles of believable, naturalistic acting for stage and film. Course includes improv, theatre games building toward working principles of monologue and scene work. A module of the course will focus on developing a more intimate acting style for film.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall, Spring

THA 215 - Costume & Makeup (3)

Introduction to the principles and techniques of costume construction and theatrical makeup design and application. Work on theatre productions is required.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

THA 225 - Stage Management (3)

Explores the duties and responsibilities of a stage manager from pre-production through rehearsal and performance phases of a theatrical production. Emphasis on organization, scheduling, communication, and Christian Servant leadership. Course work includes creation of a prompt book, cue calling, and team building. Students are required to participate in a culminating production experience.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Every other Fall-odd years

THA 252 - Intermediate Acting (3)

Continuing acting studies toward deeper understanding and application of acting fundamentals. First half of semester is development of naturalistic scene work skills including advanced text analysis and its application. Second half of semester focuses on Shakespeare, text analysis, and scene work. Both areas incorporate a more extensive use of movement and physicality along with character development. Monologues used for both areas of study during the semester will be applied to developing audition pieces for stage and film.

Prerequisite(s): THA 151

Grading Method: Letter Grade

Term Typically Offered: Spring

THA 262 - Introduction to Production Design (3)

Conceptualization and visualization of the elements involved in creative design for entertainment the fields; strong emphasis on design concepts and formation of visual storytelling.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall-even years

THA 325 - Fundamentals of Directing (3)

A hands-on course bringing together a variety of elements necessary for effective directing. Will include the following: learning how to develop a creative vision going from text analysis to conceptualizing, blocking and working a scene. A major focus will be on how to work with actors in a collaborative style, to encourage students towards being an "actor's director" for better performance results. Final is a Directors Showcase for a campus audience

Prerequisite(s): THA 151

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

THA 332 - Theatre Ministry (3)

This course explores the creation of theatre that ministers to and benefits others. Short plays will be researched, written, and performed. Several Christian and social movements will be explored: American/English Christian theatre tradition, Entertainment-Education, and Theatre for Social Justice. The logistics of running a theatre ministry will also be discussed.

Prerequisite(s): THA 151

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall

THA 333 - Lighting (3)

Examination of the art of stage lighting from a theoretical and practical point of view. Emphasis on the study and knowledge of technical equipment as well as fundamental properties of lighting design. Course utilizes script analysis and practical projects. Work on theatre productions is required outside of class hours.

Prerequisite(s): Recommended prerequisite: THA 262.

Grading Method: Letter Grade

Term Typically Offered: Spring

THA 363 - 3D Digital Production Design (3)

Introduction and exploration of the tools, software, and processes used in Digital Drawing, Modeling, & Rendering for Production in the entertainment industry.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other spring

THA 371 - Acting for the Camera (3)

Study of performance techniques for camera and interpretation of comedy and drama for commercials, television, film, and emerging technologies.

Prerequisite(s): THA 151

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Fall-odd years

THA 375 - Junior Seminar (1)

Designed to prepare theatre students for entrance into the professional marketplace. Topics include pursuing advanced degrees, developing a resume and portfolio, and developing a strategy for future employment in theatre related fields.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

THA 380 - Theatre History I (3)

This course surveys the origin and development of theatre from ancient theatre to the 18th century. Highpoints will include Greek & Roman theatre, medieval mystery & passion plays, Japanese Noh & Kabuki, commedia del'arte and Shakespeare. Theatre architecture, theatre technology, design concepts, acting styles, significant dramatic works, and play analysis will be explored. Theatre traditions of non-Western cultures are also included.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-even years

THA 381 - Theatre History II (3)

This course surveys the development of modern theatre from the Restoration to today within its social, political and economic contexts. Highpoints will include Moliere, Racine, Chekhov, Brecht, absurdism, American Realism and post-modernism. Theatre architecture, theatre technology, design concepts, acting styles, significant dramatic works, and play analysis will be explored. Theatre traditions of non-Western cultures are also included.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

THA 391 - Directed Study (1-3)

Work may be in production, design, writing, acting, or directing. A maximum of three hours applicable toward graduation.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

THA 393 - Seminar (1-3)

Study of various subjects in the field of theatre arts. Topics will be determined and announced for each semester the course is offered. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

THA 435 - Internship (1-6)

A supervised, work experience with a theatre-related organization. Work experience of 120 hours is required plus a journal and final paper. May be repeated twice for credit.

Prerequisite(s): Junior standing, Theatre major with 12 completed THA hours and departmental approval.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

University Studies

UNV 099 - Honors Program Completion (3)

Designates completion of non-coursework portion of Honors Program. Institutional credit only.

Prerequisite(s): Satisfied Honors Program extra-curricular activities.

Corequisite(s): Honors Program Admission

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Credit Only

University Studies

UNV 110 - Strategies for College Success (0.5-1)

Strategies for college success is offered for students in an approved support program. The course is designed to help the student: (1) identify personal strengths and weaknesses; (2) create an individual college plan; (3) demonstrate competency in note-taking; (4) complete weekly management sheets; (5) demonstrate writing competency in journal writing. This seminar provides a systematic structure to address the above concerns. May be repeated.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Contract course offering

UNV 120 - First Year Experience Seminar (1)

Prepares new students to engage in the college experience academically, spiritually, emotionally, socially, and physically. Assists in exploring unique ways God has gifted them for life. Addresses purpose and value of a Christian liberal arts education, campus resources, strategies for achieving academic excellence, goal-setting, time management, stress management, effective communication, problem solving, living in community, meaningful relationships, and cultural diversity. Open to students with fewer than 30 semester hours completed.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

UNV 205 - Academic Workshop I (1)

The purpose of the course is to help facilitate academic success for students who are on academic probation. Students in the Academic Workshop will acquire awareness, knowledge, skills, and understanding related to their personal academic success. Methods used include discussion, readings, projects, assessments, debates, reflection, writing, media, and activities. [freshmen and sophomores]May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

UNV 220 - Honors Forum (1)

Facilitates meaningful dialogue and written reflection regarding the students' spiritual journey and the importance of integrating faith and learning. Students will develop greater knowledge and understanding of self and the spiritual practices commonly used by Christians in the process of spiritual formation.

Prerequisite(s): By invitation of the President/Provost for incoming traditional freshmen with ACT score of 27 or higher.

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

UNV 300 - Facilitating Peer Instruction (1)

The purpose of the course is to prepare and support tutors who are providing peer assistance through the Tutoring Services program of the Center for Academic Excellence. Students in the Tutoring Workshop will acquire awareness, knowledge, skills, and understanding related to their role in students' academic success. Methods used include discussion, reflection, writing, media, and activities.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Occasionally offered

UNV 305 - Academic Workshop II (1)

The purpose of the course is to facilitate academic success and completion of graduation requirements for upper division students who are on academic probation. Students will review and apply previous knowledge and skills related to their personal academic success and progression towards graduation. Methods used include discussion, assessments, reflection, writing, media, and activities. [juniors and seniors]May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

UNV 320 - The Peer Instructor: Teaching in Higher Ed-Theory to Practice (3)

Examines student development, learning, and leadership theories, models, and practices for student success in the college classroom. Students will have the opportunity to demonstrate their knowledge and skills as Peer Educators for UNV 120. By permission of instructor.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

UNV 393 - Honors Seminar (1)

Open to seniors who have a cumulative standing of 3.50 and a minimum of 48 hours earned at Asbury University. Participation by invitation of the Provost. May not be repeated for credit.

Prerequisite(s): None
Grading Method: Credit/No Credit (P/N)
Term Typically Offered: Occasionally offered

Vocal Music

VOC 100 - Voice Fundamentals for Singers (1)

Vocal fundamentals for singers is a to voice lessons for those students who have not completed a successful audition for either a music major, minor, or a Music Performance Scholarship. (Other students with a strong background in vocal training may also audition to exempt the class.) Emphasis on understanding the vocal instrument and the vocabulary of vocal study, as well as the process of developing singing skill through regular practice of both vocal training exercises and vocal literature in the classic tradition. Maximum class size will be 12 students.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring

VOC 101 - Voice Lessons/Non-majors (1)

Half hour elective voice lesson for students who are neither voice majors nor minors - no accompanist provided. Practice hour requirement is three hours weekly; musical literature requirement, beginning with the second semester, is a minimum of three memorized songs; performance requirement, beginning with the second semester, is a studio performance or jury exam, at the teacher's discretion. May be repeated.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall, Spring

VOC 102 - Voice Lessons/Non-majors (2)

One-hour elective voice lesson for students who are neither voice majors nor minors - no accompanist provided. Practice hour requirement is four-and-one-half hours weekly; musical literature requirement, beginning with the second semester of elective study, is a minimum of four memorized songs; performance requirement, beginning with the second semester, is a studio performance or jury exam, at the teacher's discretion. May be repeated.

Prerequisite(s): VOC 100 or VOC 104, or successful audition.
Grading Method: Letter Grade
Fee: Double lesson Fee
Term Typically Offered: Fall, Spring

VOC 104 - Voice for Theatre and Worship (2)

Vocal fundamentals for those students with an interest in learning how to use the singing voice in non-classical genres. Primary topics would include (1) healthy singing and speaking for drama/musical theatre, (2) singing with the use of a microphone, (3) healthy singing in contemporary styles (Broadway, Pop, and other contemporary styles), (4) understanding of appropriate styles for various venues and how they compare, (5) basic concepts of breath, phonation, resonance, articulation, and communication. Either this class, VOC 100, or an audition is required for all students who wish to enter the collegiate voice lesson program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

VOC 105 - Diction for Singers I (1)

Students learn to use the International Phonetic Alphabet in English, Italian and Latin. Recommended for all students preparing classical music in private voice lessons.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

VOC 106 - Diction for Singers II (1)

This course is a continuation of VOC 105, using the International Phonetic Alphabet for training singers who perform German and French songs.

Prerequisite(s): VOC 105 or the equivalent.

Grading Method: Letter Grade

Term Typically Offered: Spring

VOC 111 - Voice Lessons for THA (1)

Half hour voice lesson designed for Theatre & Cinema Performance majors who are fulfilling requirements for the Musical Theatre Emphasis, but open to non-majors - ½ hour accompanist provided. Practice hour requirement is three hours weekly; musical literature requirement, beginning with the second semester of elective study is a minimum of three memorized songs; performance requirement, beginning with the second semester, is a studio performance or jury exam, at the teacher's discretion. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes. Lesson fee and accompanist fee.

Term Typically Offered: Fall, Spring

VOC 112 - Voice Lessons for THA (2)

One-hour voice lesson designed for Theatre & Cinema Performance majors who are fulfilling requirements for the Musical Theatre Emphasis, but open to non-majors - ½ hour accompanist provided. Practice hour requirement is four-and-one-half hours weekly; musical literature requirement, beginning with the second semester of elective study, is a minimum of four memorized songs; performance requirement, beginning with the second semester, is a studio performance or jury exam, at the teacher's discretion. May be repeated.

Prerequisite(s): VOC 100 or VOC 104, or successful audition.

Grading Method: Letter Grade

Fee: Double lesson fee and single accompanist Fee

Term Typically Offered: Fall, Spring

VOC 201 - Voice Lessons/Non-majors (1)

Half hour elective voice lesson for non-music majors who have been pre-approved to perform a public, elective recital (RCT 280) - ½ hour accompanist provided. Practice hour requirement is four hours weekly; musical literature requirement is linked to the literature requirements specified for RCT 280; performance requirement is a jury exam (if not the semester of the recital) or RCT 280. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Lesson fee and accompanist Fee

Term Typically Offered: Fall, Spring

VOC 202 - Voice Lessons/Non-majors (2)

One-hour elective voice lesson for non-music majors who have been pre-approved to perform a public, elective recital (RCT 280) - ½ hour accompanist provided. Practice hour requirement is five hours weekly; musical literature requirement is linked to the literature requirements specified for RCT 280; performance requirement is a jury exam (if not the semester of the recital) or RCT 280. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Double lesson fee and single accompanist Fee

Term Typically Offered: Fall, Spring

VOC 211 - Voice Lessons/Majors & Minors (1)

Half hour voice lesson for underclassmen vocal majors & all vocal minors - ½ hour accompanist provided. Practice hour requirement is four hours weekly; musical literature requirement, beginning with the second semester, is four memorized songs; performance requirement is an end-of-semester jury exam (which may be ungraded for first semester students, at the teacher's discretion) or RCT 280. May be repeated.

Prerequisite(s): First semester students must either have completed or be simultaneously enrolled in VOC 100 and must have successfully auditioned for the major or minor prior to the beginning of the semester.

Grading Method: Letter Grade

Fee: Lesson fee and accompanist Fee

Term Typically Offered: Fall, Spring

VOC 212 - Voice Lessons/Majors & Minors (2)

One-hour voice lesson for underclassmen vocal majors & all vocal minors - ½ hour accompanist provided. Practice hour requirement is five hours weekly; musical literature requirement, beginning with the second semester, is five memorized songs; performance requirement is an end-of-semester jury exam (which may be ungraded for first semester students, at the teacher's discretion) or RCT 280. May be repeated.

Prerequisite(s): First semester students must either have completed or be simultaneously enrolled in VOC 100 and must have successfully auditioned for the major or minor prior to the beginning of the semester.

Grading Method: Letter Grade

Fee: Double lesson fee and single accompanist Fee

Term Typically Offered: Fall, Spring

VOC 300 - Opera Workshop (1-2)

Training with chamber operas, light operas or operettas, and/or with opera scenes. Students accept responsibilities for learning a role or roles, assisting with aspects of technical execution, and/or performing the opera or scenes assigned. Credit is available both fall or spring term for annual productions, but two credits may only be granted for those who successfully audition for major roles. By audition only. May be

repeated.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Every other Fall

VOC 301 - Musical Theatre Ensemble (1-2)

An auditioned ensemble of approximately 10-12 students who will prepare solo items as well as ensemble scenes from the Musical Theatre Repertory. Students study vocal technique, acting, movement, diction, stage persona, etc., in preparing and presenting a "gala" or "showcase"-type performance. By audition only. May be repeated.

Prerequisite(s): None

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Every other Fall

VOC 411 - Voice Lessons/Upper-class Majors (1)

Half hour voice lesson for students whose primary instrument is voice but who do not choose a vocal performance emphasis - ½ hour accompanist provided. Practice hour requirement is five hours weekly; musical literature requirement is five memorized songs; performance requirement is an end-of-semester jury exam or completion of appropriate RCT course requirements. May be repeated.

Prerequisite(s): Successful completion of Vocal Advancement, for which forms are available in the "Current Student Forms" section of the Music Department's website.

Grading Method: Letter Grade

Fee: Lesson fee and accompanist Fee

Term Typically Offered: Fall, Spring

VOC 412 - Voice Lessons/Upper-class Majors (2)

One-hour voice lesson for students whose primary instrument is voice but who do not choose a vocal performance emphasis - ½ hour accompanist provided. Practice hour requirement is six hours weekly; musical literature requirement is six memorized songs; performance requirement is an end-of-semester jury exam or completion of appropriate RCT course requirements. May be repeated.

Prerequisite(s): Successful completion of Vocal Advancement, for which forms are available in the "Current Student Forms" section of the Music Department's website.

Grading Method: Letter Grade

Fee: Double lesson fee and single accompanist Fee

Term Typically Offered: Fall, Spring

VOC 422 - Voice Lessons/Upper-class Performance Emphasis (2)

One-hour voice lesson for upperclassmen with a vocal performance emphasis - 1 hour accompanist provided. Practice hour requirement is six hours weekly; musical literature requirement is six memorized songs; performance requirement is an end-of-semester jury exam or completion of appropriate RCT course requirements. Forms for prerequisite courses are available in the "Current Student Forms" section of the Music Department's website. May be repeated.

Prerequisite(s): (1) Successful completion of Vocal Advancement Exam, and (2) Approval of the music faculty for the Performance Emphasis.

Grading Method: Letter Grade

Fee: Double lesson fee and double accompanist Fee

Term Typically Offered: Fall, Spring

VOC 461 - Vocal Pedagogy I (1)

Vocal Pedagogy I and II comprise a 2-semester course sequence that meets for one session per week each semester. The first semester is designed with a resource-and-information-gathering focus in the areas of vocal physiology, resources, and literature. The second semester focuses primarily on student teaching, with each student engaging in private voice teaching as well as observation of professional private instruction. Students gather and compile information through observation, evaluation, experience, resource-gathering, and class discussion and interaction.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

VOC 462 - Vocal Pedagogy II (1)

Vocal Pedagogy I and II comprise a 2-semester course sequence that meets for one session per week each semester. The first semester is designed with a resource-and-information-gathering focus in the areas of vocal physiology, resources, and literature. The second semester focuses primarily on student teaching, with each student engaging in private voice teaching as well as observation of professional private instruction. Students gather and compile information through observation, evaluation, experience, resource-gathering, and class discussion and interaction.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Worship Arts

WA 101 - Introduction to Worship Arts (2)

An introductory examination of the content, construct, and context of the worship arts in the contemporary church. Special attention is given to music.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

WA 121 - Contemporary Music Theory I (3)

Explores chord structure, melody, and form in contemporary music, and emphasizes ear training in contemporary idioms. Examines arranging songs for a worship band from both a formal and instrumentation standpoint.

Prerequisite(s): MTH 111, MTH 121

Grading Method: Letter Grade

Term Typically Offered: Spring

WA 151 - Worship Arts Technology (1)

Examines the use of software and technology commonly used in contemporary music, especially Ableton Live. Students gain further skills in sequencing, loops, and keyboards.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

WA 211 - Worship Band Ensemble (1)

Required for students in the Worship Arts major (music emphasis). Members practice together and use their music in multiple ministry situations throughout the semester, especially chapel services. By audition only. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

WA 242 - Contemporary Songwriting (3)

An introduction to the craft of songwriting in popular styles. Attention will be given to melody, harmony, form, instrumentation and poetry.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

WA 293 - Worship Arts Seminar (1-3)

A study of various topics and issues in worship arts, with particular attention to emerging trends. May be repeated.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

WA 300 - Worship Arts Leadership (2)

An overview of many of the facets of worship arts leadership, especially regarding their spiritual implications. The many and varied roles and relationships of the worship leader are explored. Special emphasis is placed on the relationship between the worship leader and the pastor. Also considered are areas of personnel management and the relationships between the worship leader and other staff members, singers/instrumentalists, and the congregation.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

WA 321 - Introduction to Worship Band (2)

Students gain an elementary competency in guitar, bass, drums, keyboard, and vocals. [previously WA 221]

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

WA 322 - Contemporary Music Theory II (3)

Further explores chord structure, melody, and form in contemporary music; ear training in contemporary idioms; arranging songs for a worship band from both a formal and instrumentation standpoint; and music technology. Students are required to synthesize all this into writing their own songs. The culmination of the course is the writing and performing of students' songs.

Prerequisite(s): WA 121

Grading Method: Letter Grade

Term Typically Offered: Fall

WA 330 - Worship Design (3)

Is a combination of lecture and group projects that allow students to review the elements required for a good worship experience and then to design worship experiences utilizing all of the arts, including dance, literature, visual art, theatre, digital media, and various music styles as appropriate. Leadership & team work principles, aesthetics, design, and worship history will be integrated as guidelines.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

WA 435 - Internship (3)

Students are placed with worship pastors in one semester, intensive, real-life mentoring relationships where they gain experience and insight into the fulltime ministry of being a worship arts director. Capstone experience.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

WA 475 - Senior Seminar (1)

Use COM 375.

Prerequisite(s): None

Grading Method: Letter Grade

Youth Ministry

YM 235 - YM Practicum (1)

Opportunity for observation and practical experience in ministry settings as a means to clarify direction and call to ministry through networking with professionals serving in a youth ministry role. Periodic class sessions provide opportunity for interaction with peers and reflection on ministry practices. Majors and minors only. May be repeated once for credit.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

YM 350 - Youth Ministry (3)

An analysis of contemporary youth culture, peer syndrome, personal identity and value development with principles and skills of creative youth ministry methodology. Emphasis is given to evangelism and spiritual growth of adolescents, toward the goal of full involvement in the Church.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

YM 360 - Youth and Culture (2)

A course exploring characteristics and trends in youth culture. Emphasis is placed on equipping future youth ministry leaders to assess and address these issues from a biblical and culturally-sensitive perspective in their ministry. Students will design and implement a research project.

Prerequisite(s): YM 350 or department permission.

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

YM 365 - Youth and Evangelism (2)

This course explores methods of evangelism appropriate to the ages and developmental levels of adolescents. In addition to surveying current trends, students will present an appropriate gospel message using a form of their choosing. The course is designed for youth ministry majors/minors, students interested in working with youth, as well as other students interested in lay or parachurch ministry with youth.

Prerequisite(s): YM 350 recommended, but not required.

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

YM 370 - Pastoral Care of Youth (2)

A study of various problems that affect adolescents and processes for spiritually-centered assistance and intervention. Basic pastoral care/counseling principles and strategies for a ministry context will be explored, including confidentiality, limitations, referral, and ethics.

Prerequisite(s): YM 350 or department permission.

Grading Method: Letter Grade

Term Typically Offered: Every other Spring

YM 380 - Special Topics in Youth Ministry (2)

A seminar-style consideration of significant and emerging issues in youth ministry for advanced youth ministry students and other students interested in lay or parachurch ministry with youth. A primary focus of the course is participation in a national conference for youth ministry practitioners.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

YM 391 - Independent Study (1-3)

A directed and supervised investigation of a selected research problem or issue in youth ministry. The preparation of a scholarly paper is included. May not be repeated for credit.

Prerequisite(s): EM 280, Seniors only, departmental permission required.

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

YM 393 - Seminar (1-3)

The study of various issues and fields of youth ministry, with special emphasis on trends and issues of contemporary ministry. Topics will be determined and announced for each semester the seminar is offered.

Prerequisite(s): YM 350 (Not more than 4 hours of seminar credit may count towards major or minor. Admission by departmental permission only.)

Grading Method: Letter Grade
Term Typically Offered: Occasionally offered

YM 435 - Internship (3-4)

The application of ministry principles in an actual ministry setting with adolescents, supervised by department-approved ministry personnel.

Prerequisite(s): YM 350 and CM 380; JR/SR status; major/minor only

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Contract course offering

Accounting - Graduate

ACG 504 - Advanced Accounting (3)

The final course in the financial accounting course sequence; it is especially beneficial for anyone interested in private or public accounting as well as gaining a deeper understanding of financial accounting under U.S. GAAP with an understanding of the similarities and differences with IFRS. Reinforce an understanding of the financial statements of a corporation through an in-depth understanding of business combinations and consolidation, as well as a review of accounting for equity investments. Examine accounting for partnerships from formation to liquidation and international accounting, including foreign currency translation and hedging. Perform a comparison of US GAAP versus IFRS financial statements.

Prerequisite(s): ACC302 or equivalent

Grading Method: Letter Grade

Term Typically Offered: Fall

ACG 507 - Advanced Taxation (3)

This course will explore the rules affecting regular taxation of corporations from initial organization, to capital structure, distributions, dissolution, and liquidation. Specifically, this course focuses on advanced issues related to Federal income taxation of partnerships, corporations, S-corporations, estates, trusts, and gifts.

Prerequisite(s): ACC 307 or equivalent.

Grading Method: Letter Grade

Term Typically Offered: Spring

ACG 509 - Governmental and Nonprofit Accounting (3)

Understand and discuss accounting for state and local governments and various tax-exempt organizations. Topics include: governmental accounting, the implications of tax-exemption, understanding the Form 990 and unrelated business income tax, proper accounting for items unique to nonprofit organizations, and accounting and tax situations unique to ministers, missionaries, and faith-based organizations. Students will also consider the concept of stewardship and its implications to governmental and nonprofit entities.

Prerequisite(s): ACC201 or equivalent

Grading Method: Letter Grade

Term Typically Offered: Fall

ACG 602 - Advanced Auditing (3)

This course focuses on advanced topics related to auditing standards utilizing case studies to explore the auditor's ethical responsibilities, the profession's impact on stakeholders, auditing techniques, internal control evaluation, fraud detection, and other contemporary auditing issues.

Prerequisite(s): ACC 402 or equivalent.

Grading Method: Letter Grade

Term Typically Offered: Fall

ACG 605 - Advanced Managerial Accounting and Data Analytics (3)

A study of the major managerial accounting issues, the use of financial information for decision-making, and an evaluation of cost management systems. Topics include: review of cost concepts and costing methods, variance analysis, financial analysis, and data analytics for accounting.

Prerequisite(s): ACC305 or equivalent; MBA518

Grading Method: Letter Grade

Term Typically Offered: Fall

ACG 614 - Advanced Topics in Accounting (3)

This is the capstone course for the Masters in Accounting program. This course incorporates current topics and accounting theory. Topics may include but are not limited to accounting ethics, positive theory of accounting, agency theory, audit theory, as well as topics such as SOX, IFRS versus GAAP, the role of regulators, advanced tax topics, the historical roots of the profession, and its conceptual roots in economic, finance, and managerial theory. Students will engage deeply an approved topic of choice to conduct research.

Prerequisite(s): ACG504, ACG509, and ACG605

Grading Method: Letter Grade

Term Typically Offered: Spring

Biology Education - Graduate

BLG 510 - Advanced Topics in Biology (3)

Students will work under the direct supervision of a faculty member in the biology department to select topic(s) that will best supplement and enhance the student's educational experience in the biological sciences. The student will complete readings including those assigned from primary research articles and submit for evaluation reports and research papers on the selected topics. Laboratory work may be included in the study of a particular topic. Oral presentations may also be required.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Chemistry Education - Graduate

CHG 510 - Advanced Topics in Chemistry (3)

Students will work under the direct supervision of a faculty member in the chemistry department to select topic(s) that will best supplement and enhance the student's educational experience in the chemical sciences. The student will complete readings including those assigned from primary research articles and submit for evaluation reports and research papers on the selected topics. Laboratory work may be included in the study of a particular topic. Oral presentations may also be required.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Communication - Graduate

CMG 525 - Advanced Communication Theory (3)

This course is an overview of the communication theories, concepts, and research that will form the theoretical foundation for subsequent graduate coursework. Students will examine the intellectual development and purpose of interpersonal, group, organizational, mass media, and cultural communication theories and evaluate their utility according to specific criteria. The application of communication theories to a variety of real-world situations and settings will be emphasized.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CMG 550 - Advanced Intercultural Communication (3)

This course is designed to prepare graduate students for careers as international professionals by focusing on the cultural factors that influence communication in intercultural relations. The course will approach communication from the perspective that all relationships and group dynamics are developed and fostered within a specific cultural context. Key theories and theorists in the dynamic field of intercultural communication will provide a framework for students to critically examine lived experiences and case studies, as well as develop practical strategies for successful intercultural communication.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: spring

CMG 585 - Advanced Public Relations (3)

Advanced public relations examines how communication practitioners and clients integrate PR tactics into an overall communication & marketing plan. The course explores how to work towards measurable, definable goals that help clients be understood by their stakeholders through engagement, identifying influencers and developing brand advocates. The course promotes the basic principles for excellence in PR: strategy, creativity, integrity and follow through.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

CMG 610 - Integrated Communication Strategies (3)

An overview and application of promotional communication strategies and creative tactics as integrated components of an organization's public image strategy, disseminated across earned and paid media. The course explores the conceptual and tactical components of effective targeted communication strategies that create and sustain positive relationships between audiences and organizations. Combining theory, case study, and hands-on components, students acquire skills and experience generating creative campaign strategies and content that drive multi-platform engagement with intermediaries and consumers.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CMG 625 - Global Communication (3)

A study of worldwide communication systems and the roles they play. Analysis of national and transnational communication by governments, businesses, international organizations, and key international leaders as well as the media used to communicate these messages will be studied. The effect of the basic philosophical differences among the media in various nations and the changing communication technologies will be examined. International media flows and the cultural context of the audiences are critical components of this course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

CMG 635 - Communication Apprenticeship (1-3)

A professional experience wherein the student proposes and works as an apprentice or intern in an experience that is outside of the student's normal work role. This role will utilize what they have learned in their coursework. The apprenticeship will provide experience that aids the student in their professional development while also yielding something beneficial to the professions or the academy - and ultimately the culture. May be repeated up to 3 times.

Prerequisite(s): Departmental Approval

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Summer

CMG 799 - Capstone Thesis/Project (1-3)

Course to allow graduate students working on master's level research, theses, or creative projects to remain enrolled until satisfactory completion of the requirement. Repeatable. May be repeated additional semesters for 1.0 credit each semester to continue work until final graduate faculty approval is obtained. May be repeated up to 3 times.

Prerequisite(s): Departmental Approval

Contract Course: Yes

Grading Method: Research/thesis load grade (L/P)

Term Typically Offered: Summer

Digital Storytelling - Graduate

DSG 502 - Introduction to Graduate Communications (1)

This course is designed to introduce MA and MFA students to graduate study in the School of Communication Arts. Students will investigate topics such as academic and professional goal setting, time management, how to thrive in an online learning environment, and scholarly research and writing. Students will also become acquainted with the resources, culture, and mission of both the School of Communication Arts and the wider Asbury Community.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

DSG 520 - Tools for Writers (3)

Upon completion of the course, student should be able to format scripts, understand contracts and the studio system, pitch ideas and scripts, and articulate how personal faith impacts creativity and acts as a creative guide.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-odd years

DSG 550 - Master Storytelling Seminar (3)

This online course will focus on developing analyses and critiques of master storytellers. We will cover the essential elements of Story Structure and Text Analysis, particularly as they apply to film, television and theater storytelling. Attention will be given to the universal story elements drawn from God's creation and Biblical storytelling. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

DSG 582 - Feature Film Screenwriting (3)

A writing course in film and television. Original screenplays will be developed. Includes lab for script development and discussion of three act structure and story development.

Prerequisite(s): DSG 550 or 621

Grading Method: Letter Grade

Term Typically Offered: Spring

DSG 585 - Cross-Platform Storytelling (3)

Students will learn the theoretical foundations of designing nonlinear and interactive narratives across a variety of communication technology contexts, including social media, virtual reality and video games. This course will be writing-intensive, with projects focused on creating effective narratives for multiple digital platforms. Upon completion of this course, students will possess the theoretical and practical knowledge to produce quality stories in a diversified media landscape. Online only.

Prerequisite(s): DSG 550

Grading Method: Letter Grade

Term Typically Offered: Spring

DSG 588 - Directing the Actor (3)

The course explores how to interact with and direct actors appearing on screen. Students will learn how to break down screenplays, scenes, and sequences in order to help their actors understand the vision they are trying to create. Coursework will involve in-class directing exercises and out-of-class short films/short scenes focusing on the performance of the actors and exploring how that is best captured.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-odd years

DSG 600 - Reading the Great Scripts (3)

What do Preston Sturges, William Goldman, Joseph Mankiewicz, Billy Wilder, and Christopher Nolan have in common? They are great screenwriters. Students will read the scripts of the greatest screenwriters and analyze them for story structure, dialogue, pacing, character development, action and all the many elements that make up the emotional Swiss watch we call a screenplay. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-even years

DSG 610 - Cinematography Theory & Practice (3)

An in-depth exploration of the theory and practice of cinematography and lighting for film and television. Students will study the techniques of the leading directors of photography. Online only.

Prerequisite(s): MC 302 or equivalent.

Grading Method: Letter Grade

Term Typically Offered: Fall

DSG 612 - Summer Production (3)

An intensive experiential learning environment in which students will learn from professionals while working as crew members on a full-length film, television production, or other significant media project. Will provide students basic working knowledge of both the skills of set and production operations. Online coursework is required before the class begins. Successful completion of this class also results in production certification.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

DSG 614 - Writing the One-Hour Drama (3)

This course will move students from theory to practice in its focus on the writing of a one-hour dramatic television show. Students will create their own original pilot, determining how their series will function and what the genre will be. They will move from outline to draft and then a final script. Online only.

Prerequisite(s): DSG 550

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-odd years

DSG 616 - Writing the Half-Hour Comedy (3)

This course explores the creation of the weekly half-hour episodic television program by examining the acting and story structure, scene development, pacing the voicing of characters, and the pragmatics of weekly program production. Students will go through the process of creating a "spec" script for an existing comedy series, including "pitching" their story ideas, developing plot elements, creating a scene outline, and finally writing a "table draft" script. Online only.

Prerequisite(s): DSG 550

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-even years

DSG 620 - Rewriting the Script (3)

The course covers the actual process of rewriting something created in a previous writing course. This includes what to expect through development, how to address studio/producer notes, how to handle a rewrite meeting, and pitching your take on a rewrite job. Online only.

Prerequisite(s): DSG 550 and one of the following: DSG 582, DSG 612, DSG 614, or DSG 616

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-odd years

DSG 625 - Deconstructing the Documentary: Myths, Propaganda, & the Truth (3)

This course will review the history and agendas of documentaries from Robert Flaherty, to Leni Riefenstahl, to Michael Moore to Ken Burns to Morgan Spurlock to Dana Brown. Students will read relevant articles,

books and review a planned succession of documentary films and series. They will post weekly essays reflecting a thoughtful analysis of the meaning and agendas of the various documentaries reviewed. Learning outcomes will include research strategies, critical analysis and worldview insight. Online only.

Prerequisite(s): DSG 550 or 621

Grading Method: Letter Grade

Term Typically Offered: Fall

DSG 630 - Viral Marketing: Methods, Messages & Media (3)

In this online course, students will learn the theoretical foundations of storytelling in marketing, as well as how to successfully apply marketing concepts to a communication campaign. Student will investigate real-life marketing examples in diverse contexts, including political, business and non-profit/ministry arenas.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

DSG 640 - Communication Research Methods: Creativity, Tools & Evaluation (2)

This course provides graduate students with the theoretical and practical knowledge necessary to ask meaningful research questions and to investigate those questions appropriately. Assignments will allow students to apply course concepts within their own specific vocational contexts. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

DSG 642 - Media Ethics & Criticism (3)

Students will read, review, and analyze ethical philosophies and criticism using a Biblical worldview, and will then apply relevant principles to critique current examples of media storytelling. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

DSG 650 - The Business of Media (3)

So you have a screenplay. Now what? Learn how to start with the end in mind: Exhibition, and reverse engineer the process through distribution, marketing, financing, and assembling the creative team to make a green light for the project possible. Other topics will include working with agents & managers, the development process, and creating a budget. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-odd years

DSG 655 - Directing for Television & Film (3)

Students will explore the role of the director in television and film. The course will be a mix of theory and hands-on directing experiences. Students must provide their own video camera and editing equipment for this class. Recommendations are available from the instructor. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-even years

DSG 680 - Media Industry Intensive (3)

Through a hybrid of online and an in-person trip to a media center (for example Hollywood, London, or Atlanta), the students will undergo an intensive exploration of the various facets of television and film production. This workshop-style course will spend time with professionals world-wide and cover a broad variety of areas in pre-production, production and post-production.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

DSG 691 - Independent Study (1-3)

Individualized study of a topic of interest beyond the content of regular course offerings, involving a minimum of 1-3 meetings with instructor during semester. May be repeated.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

DSG 692 - Directed Study (3)

A supervised, directed study of a selected topic in cinema or digital storytelling. May be repeated.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

DSG 710 - Apprenticeship Program (3)

(Generally Off-campus) Graduate students will serve in an apprenticeship role directly under a qualified experienced industry professional (resume must be presented to faculty) in the production of a movie, advanced web site, magazine or a music production. This program requires a minimum of 150 hours under the guidance of a professor and/or qualified industry professional. Faculty strongly recommends a secular apprenticeship. Must be approved by faculty advisor.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

DSG 799 - Master's Thesis/Creative Project (1-6)

This is a guided individualized mentoring experience in which the student is assisted through their creative project under the direction of a faculty member. Projects may include a research paper, video/film project (20-30 minutes in length), a viral campaign, audio project or other media-related project. This usually takes more than one semester for completion. Creative project must be approved by the faculty advisor before beginning the project. Minimum 5 or 6 credits required for degree depending on catalog year. Load credit only until final grade earned. Repeatable. May be repeated additional semesters for 1.0 credit each semester to continue work until final graduate faculty approval is obtained.

Prerequisite(s): Must have completed a minimum of 12 hours before beginning the thesis.

Contract Course: Yes

Grading Method: Research/thesis load grade (L/P)

Term Typically Offered: Contract course offering

Education - Graduate

EDG 500 - Clinical Component I (1)

This course, in conjunction with clinical experiences, provides prospective teacher education candidates a variety of concepts, skills and performances considered essential to the successful completion of a graduate degree at Asbury University. Experiences will include introduction to the conceptual framework, the performance assessment system, the digital course management system, writing, and library skills. The clinical experience portion is the first integrated clinical experience designed to provide authentic exposure to public school classrooms. [previously 2 credits]

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Spring

EDG 501 - Literacy Skills for Advanced Degrees (1)

The intent of this course is to provide candidates with enhanced reading and writing skills to support their graduate work. Students will be assigned as needed or if admitted on probationary status. This credit does not count toward a degree. May be repeated: three times maximum.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

EDG 505 - Learning Theories & Performance Assessment (3)

Designed to examine classical learning theories of the motivation and cognitive development of human behavior. Future teachers will be trained to interpret the results of standardized achievement tests, and to create performance-based assessment items, and develop teacher-made tests which take into account a student's individual approaches to learning.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

EDG 510 - Culture, Design & Management (3)

A study of theory, culture, methodology, and environment. Classroom culture, climate, daily organization, conferencing skills, managing the work load, teaching style, as well as teacher/student and teacher/parent relationships will be explored. Emphasis will be given to the moral dimension of teaching and classroom interaction.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring, Summer

EDG 525 - Middle School Curriculum & Methodologies (3)

Focuses on curriculum concepts and teaching strategies for students in the middle grades. Attention will be given to the philosophy and educational structure appropriate for the middle grades. Methods and materials related to particular academic emphases will be provided. Time is given to unit and lesson plans.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDG 541 - Language Arts Methods & Content (P-5) (3)

A study of current methods and materials useful in teaching children to write and develop proper oral language skills. Includes an emphasis on the development of language arts and appropriate teaching strategies for the elementary school students in the development of lesson planning.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDG 542 - Reading Methods & Content (P-5) (3)

A study of current methods and materials useful in teaching children to read. Includes an emphasis on the development of reading and appropriate teaching strategies for the elementary school students in the development of lesson planning. Direct approaches to the teaching of reading, including phonics and other word identification techniques as well as comprehension strategies.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDG 550 - Literacy Assessment (P-12) (3)

An introduction for preservice teachers to methods of language arts assessment. The reading interests and needs of readers are considered, and primary emphasis will focus on the study of current methods and materials useful in analyzing assessments to make data-based decisions to instruct students in reading. Time is given to actual in-school diagnosis and remediation of readers that focuses on impact on student learning and culminates in a literacy work sample.

Prerequisite(s): EDG 542

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDG 560 - Social Studies Methods & Content (P-5) (3)

Provides an overview of the content in social studies that elementary teachers need in order to deliver the instruction and assess that content in the K5 grades. Candidates will be presented this content through the Kentucky Academic Standards. This core content will be viewed as a part of the curriculum of an elementary school program. An exploration of methods, materials, and motivational techniques in teaching social studies at the elementary level included. Social studies instructional skills are developed through clinical laboratory experiences. Time is given to developing lesson plans.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDG 576 - Arts & Humanities and Practical Living/Vocational in the Elementary Classroom (2)

Provides an overview of the content in arts, humanities, and practical living that teachers need in order to deliver the instruction and assess that content needed in the K5 grades. Some of the content included in these areas is music, drama, visual arts, dance, safety, careers, and health. Candidates will be presented this content through the Kentucky Academic Standards in the areas of arts and humanities and practical living and learn the methodology in these content areas for instructional design and assessment. This content will be viewed as a part of the curriculum of an elementary school program.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

EDG 582 - Science Methods & Content (P-5) (3)

Provides an overview of the content in science that elementary teachers need to deliver instruction and assess that content in the K5 grades. Candidates will be presented this content through the Kentucky Academic Standards. This core content will be viewed as a part of the curriculum of an elementary school program. Equips the future elementary teacher with appropriate methods, materials, and motivational techniques for the teaching of science. Students will begin to understand what is the nature of science, what are appropriate expectations for learning in science, what are exemplary teaching and assessment practices that support science programs, and what are available materials and resources for the teaching of science.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDG 585 - Literacy for the Secondary School (3)

Theories, methods, and techniques that address the literacy needs of secondary students in all disciplines will be included in this course. An overview of the various aspects of the reading process with an emphasis on the specialized disciplinary literacy demands of reading and writing in the content area.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

EDG 591 - Directed Study (1-3)

Opportunity for students to do additional study in an area of need or interest.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

EDG 593 - Graduate Seminar (1-3)

Seminars, special cross-cultural and diverse graduate experiences as well as extended field experiences supervised by faculty, with appropriate reading and assessment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

EDG 595 - Graduate Extended Field Experience (1-3)

Extends the graduate field experiences currently integrated within each of the Graduate Education majors. It will (a) assist the student to connect theory and practice; (b) provide a sense of flow and schedule of a typical school day; (c) enable in-depth and extended interaction with classroom teachers and students, and (d) help the candidates apply content from graduate course work in lesson planning and teaching. Candidates are involved in planning for and implementing lessons for both small and whole group instruction. This course also offers expanded opportunities for candidates who desire additional experiences in urban settings or with students who have diverse learning needs.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

EDG 601 - Graduate Education Clinical Component II (1)

This is the second integrated clinical course that provides prospective teacher education candidates with analytical experiences across various disciplines through inquiry-based instruction with P-12 students. Candidates will spend 150 clinical/field hours in a variety of authentic settings where they will build upon experiences in EDG 500. Performance work sample requirements will include design, diagnosis, analysis, and prescribing to enhance student success. This component is also designed to further facilitate students' ability to work in schools with a high population of P-12 diverse students. Supervision and mentoring will be provided for each educator. [previously 2 credits]

Prerequisite(s): EDG 500

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDG 605 - Foundations of Learning (3)

The purpose of this course is to show how philosophical ideas about education developed over time, with due regard to historical influences and settings and with an emphasis on how these ideas continue to have relevance for education and life. Theories of learning, cultural influences, and environmental factors will be explored within varying educational contexts.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

EDG 608 - Foundations of Education for Inclusive Classrooms (3)

The purpose of this course is to explore the impact educational reform and philosophical theories have had on current teaching and learning. Current research will be analyzed and applied with an emphasis on meeting the needs of diverse learners. Equitable access to education for all learners within a culturally responsive framework will be explored within the context of historical influences, philosophical theories and current research. May be retaken once.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Summer

EDG 628 - Interventions for Differentiation (2)

The course focus is the teacher's role in creating collaborative structures that provide interventions to ensure the learning for each child. Through two modules of study that impact student learning and classroom management, candidates analyze Response to Intervention (RTI) for students as well as analyze and assess effective collaboration models for English Language Learners (ELL) and students with exceptionalities. To ensure the needs of all students can be met in the regular education classrooms, students will acquire an understanding of language acquisition theories and research based practices for English Language Learners. Students will design an Intervention for Differentiation Plan of Action. Module 1: Response to Intervention (RTI) for Students; Module 2: Building Collaborative Models of Instruction for English Language Learners and Students with Exceptionalities

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

EDG 630 - Secondary Methods & Strategies (3)

The study of methods, materials and strategies used in current education and the development of skills in relating these to the teaching-learning process is the focus of this course. Aims and objectives for teaching a specific discipline are included as well as curriculum, unit and lesson planning, assessment, and use of technology. Strategies for the 21st Century learner will be integrated throughout this course.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDG 636 - Instructional Technologies (3)

An array of instructional technologies will be included to facilitate the education of all students. Technological experiences will include: instructional software integration, presentation software, interactive multimedia applications, authoring software web-based instructional technology, and video editing. Productivity software and assistive devices specific to the field of special education will be explored.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring, Summer

EDG 680 - Research Development (3)

The three components of assessment theory, research design and learning to analyze data are addressed, resulting in leadership guided by decision-oriented educational research.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

EDG 681 - Research Project (1-3)

The research proposal developed in EDG 680 is implemented by using the research design to collect data, analyze and interpret the data, and present the results of the research in a written format and by oral presentation. Load credit only until final grade earned. Credit is received when project is presented and

approved. Student must register for additional semesters for 1.0 credit each until final passing approval is obtained.

Prerequisite(s): EDG 680

Grading Method: Research/thesis load grade (L/P)

Fee: Yes

Term Typically Offered: Fall, Spring, Summer

EDG 700 - Graduate Education Clinical Component III (For MAT Candidates with Option 6 Alternative Certification) (1)

This third integrated clinical course provides prospective Option 6 Alternative Certification route teacher candidates with continued analytical experiences across various disciplines through inquiry-based instruction with P-12 students. Candidates will spend 150 clinical/field hours in a variety of authentic settings where they will build upon experiences in EDG 500 and EDG 601. Performance work sample requirements will include design, diagnosis, robust data analysis, and prescribing to enhance student success. This component is also designed to further facilitate students' ability to work in schools with a high population of P-12 diverse students. Supervision and mentoring will be provided for each educator. [previously 2 credits]

Prerequisite(s): EDG 601

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDG 701 and 702 - Graduate Education Clinical Component III (For MAT Candidates Without Option 6) (2-6)

This third integrated clinical course provides prospective teacher education candidates with continued analytical experiences across various disciplines through inquiry-based instruction with P-12 students. For those candidates in the MAT program and who are not currently employed as a teacher by a school district, a teaching experience of 70 days will be required in a variety of authentic settings where they will build upon experiences in EDG 500 and EDG 601. Supervision and mentoring will be provided for each educator. Following meeting with Director of Clinical Experiences, candidates will be registered by the School of Education for the necessary clinical courses

Prerequisite(s): EDG 601

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

EDG 793 - Leadership Seminar (1-3)

Leadership seminars, cross-cultural and diverse leadership experiences and special extended field experiences supervised by faculty, with appropriate reading and assessment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

EDG 795 - Extended Leadership Field Experience (1-3)

This course extends the field experiences currently integrated within each of the graduate leadership majors. It will (a) assist the candidate to connect theory and practice; (b) provide a sense of flow and schedule for leadership in a typical school day; (c) enable in-depth and extended interaction with school administrators, classroom teachers, students, and parents, and (d) help the leadership candidate apply content from leadership courses. Candidates are involved in planning for and implementing leadership activities for both

small and large groups. This course also offers expanded opportunities for candidates who desire additional experiences in urban settings or with students who have diverse learning needs.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Occasionally offered

LTY 640 - Professional Development Seminar (3)

This course guides the candidate in crafting a professional development plan for gaining additional literacy knowledge and skills through district/school-based opportunities, professional reading, and/or professional conferences. The ILA Standards for the Preparation of Literacy Professionals will serve as a guide to assess the candidate's present level of development in order to formulate a plan of action for addressing areas of literacy need/interest for implementation in local school contexts and to provide a culminating report on the results. [previously 2 credits]

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

SEG 661 - Methods and Assessment in Special Education (3)

In this course the administration of standardized tests and informal measures of curriculum-based assessment will be addressed with an emphasis on Individual Education Program (IEP) development and educational programming for students with disabilities. Monitoring of individual progress, as well as the implementation of systematic instructional procedures, are also addressed in this course. Clinicals: 30 hours. May be repeated once.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

TEL 632 - Leadership, Collaboration, and Advocacy (3)

[same as SEG 632] This course focuses on collaborative models and evidence-based practices for creating and sustaining cooperative working relationships in the school setting. Relevant legislation and policies regarding issues of equity for students and involvement of parents will be covered. The professional skills needed to assume a leadership role in advocating for all students and providing support, resources, and guidance to colleagues will also be addressed in this course.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

English Education - Graduate

ELG 510 - Advanced Topics in English (3)

Students work under the direct supervision of a faculty member in the English Department to select topic(s) that will best supplement and enhance the student's educational experience in English studies. The student will complete readings including those assigned from primary research articles and submit for evaluation reports and research papers on the selected topics. Oral presentations may also be required.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

French Education - Graduate

FRG 510 - Advanced Topics in French (3)

The student will work under the direct supervision of a member of the French faculty to select areas of study that will best supplement and enhance the student's educational preparation in French. A course plan will be mutually agreed upon and undertaken by the student. Evaluation of the student's work may be through assigned written work, research reports, tests, oral presentations, conferences with faculty, etc.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

Instructional Design - Graduate

IDG 503 - Design Thinking, Instructional Design & Learning Engineering (3)

Learning theories and instructional design models are the two fundamental pillars for the field of instructional design. In this course, students will build on the foundations of instructional design and learning science to integrate design thinking models in a problem-solving process. Students will study instructional systems theories, models, and systematic approaches to instructional design.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

IDG 520 - Issues in Leading Innovation & Systems Integration (3)

This course will provide an overview of how to integrate emerging technology (information, communication, and collaboration) to improve education and training platforms within a digital ecosystem. Students will investigate innovative learning spaces both real and virtual, to anticipate and problem solve issues likely to emerge and evolve when leading innovation for a training or educational organization.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

IDG 536 - Emerging Technology for Learning Design (2)

In this course, students will apply design principles to create a learning event that includes the use of new and emerging technologies. An overview of technology and future trends needed for the learning engineer. Accessibility, gamification, micro learning and maker technology such as 3D printing Students will research collaboration and networking tools for their use and value in learning environments. Delivery platforms and software will also be explored for their impact on instructional strategies. Projects completed in the course will become part of the student's portfolio.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

IDG 550 - Project Management (3)

This course explores project management methodologies, procedures, and tools and their applications related to the creation and implementation of educational and training solutions. The course emphasizes strategies for managing human, financial, and technology resources based upon the constraints, scope, and nature of the project being designed. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

IDG 650 - Predictive Learner Analytics & Evaluation Methods (3)

This course focuses on the fundamental principles and practices for evaluating courses and programs, with a focus on predicative learner data within an LMS or other data systems, including early warning risk assessment and formative and summative evaluation. Students will learn how to construct relevant and manageable data systems and efficiently use them to collect, organize and use data for regular communication with staff, parents and the greater community for improvement planning.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

IDG 675 - Learning Engineering & Leading Innovation (3)

Within the science of learning framework, this course will examine how the science of learning, instruction and assessment weave together. Students will be introduced to the emerging discipline of learning engineering and the skills necessary to integrate learning technology with learning science in order to advance an organizational vision for change and adaptability within an evolving virtual space. Participants will apply design thinking to systematically structure effective learning experiences regardless of how instruction is delivered and supporting a diverse population of learners.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

IDG 799 - Capstone - Graduate Thesis/Project (1-4)

Course to allow graduate students working on master's level research, these or creative projects to remain enrolled until satisfactory completion of the requirement. Repeatable. May be repeated additional semesters for 1.0 credit each semester to continue work until final graduate faculty approval is obtained.

Prerequisite(s): Departmental Approval.

Contract Course: Yes

Grading Method: Research/thesis load grade (L/P)

Term Typically Offered: Contract course offering

Latin Education - Graduate

LTG 510 - Advanced Topics in Latin Language & Literature (3)

The student will work under the direct supervision of a faculty member in Latin to select a topic or topics that will best supplement and enhance the student's educational experience in Latin. Although the student will read primary sources, the student will also be exposed to and become familiar with secondary material on Latin language and literature. Assessment will include one or more of the following: oral or written examinations, Latin prose composition, a major research paper, or project.

Prerequisite(s): None
Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

Leadership in Education - Graduate

LDG 510 - Introduction to the Principalship (3)

This course provides facilitation of a variety of skills considered essential to the successful completion of the Principalship licensure. In this course, aspiring principal candidates will learn what processes ensure congruency between the intended curriculum, the taught curriculum, and the assessed curriculum. Additionally, essential skills, strategies, and understandings are gained to provide a "guaranteed" curriculum for every child, every day. Through field study, candidates learn how to use effective professional development protocols to analyze student work, reflect on instructional practice, and ensure high quality of differentiated instruction for all.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

LDG 518 - Assessment and Student Performance (3)

This course focuses on developing an understanding of the complexity of national, state, and local assessment and how to use assessment results to communicate meaningful feedback on student performance. Candidates learn how to use assessment data to identify achievement gaps, determine instructional needs, and monitor and improve curriculum and instruction. Candidates use selected protocols to analyze student performance and plan and lead school improvement efforts.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

LDG 520 - Professional Growth and Teacher Performance (3)

Foundational to this course is an in-depth understanding of effective teaching based on a clear vision of good instruction that is rigorous, engaging and standards-based. Candidates learn how to use the collaborative performance appraisal process that includes observation, data analysis, and formative and summative feedback to build teacher capacity and improve student achievement.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

LDG 522 - School Personnel and Finance (3)

This course centers on methods of assessing the dispositions, knowledge, and strengths of applicants and selecting the most highly qualified candidates who demonstrate knowledge, skills, and philosophy aligned to the mission and vision of the school. Aspiring principal candidates learn the legal framework for selection and hiring staff as well as effective ways in which to collaborate with colleagues in the hiring process.

Prerequisite(s): None
Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 530 - Establishing a Collaborative Culture (3)

This course provides candidates an opportunity to explore the emerging research about effective practices for creating, maintaining, and utilizing Professional Learning Communities in schools. Participation in both a course and field-based Professional Learning Community provides relevant experience to deepen understanding of key theoretical concepts. Action research is also discussed in this course and candidates identify a question for study in their classroom, school or district and then design methodology and review articles related to the research questions.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 548 - Management and Organization in Schools (3)

This course centers on the critical significance of school improvement that is built upon the foundation of mission and vision aligned to shared beliefs, common commitments and clear goals for improving student achievement. Candidates learn the budgeting process, and ways in which to align resources, operational procedures, and organizational structures to achieve the vision and mission of the school.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 550 - Data Driven Decision Making (3)

As part of the appraisal process principals learn how to construct relevant and manageable data systems and efficiently use them to collect, organize and use data for regular communication with staff, parents and the greater community for school improvement planning and continuous improvement of student achievement.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 560 - School Law and Legal Responsibilities (3)

This course centers on the laws, regulations, and policies under which the school must function in order to provide a legal, safe and welcoming learning climate. The course will include topics such as school governance, student safety, due process, search and seizure, church and state issues, sexual discrimination and harassment, and special education.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 563 - Differentiated and Equitable Instruction (3)

The focus of this course is the leader's role in building collaborative structures that provide a pyramid of interventions to ensure the learning for each child, every day. Candidates analyze and assess effective collaboration models and ways in which the needs of all learners can be met in a regular classroom setting.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 575 - Planning for Improvement/Gate 8 (3)

This course brings together elements of learning in all Professional Standards for Educational Leaders and culminates in a Capstone Project developed around a school improvement plan. The Capstone Project is judged by a panel of school, district, and higher education faculty.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 614 - Instructional Leadership (3)

This course provides an orientation for Master of Arts (M.A.) Literacy Specialist candidates to the professional dispositions for teaching, the ILA Standards for the Preparation of Literacy Professionals, and the graduate program for advanced certification. Includes use of the research library and King Curriculum Lab resources for the development of effective instructional leaders for literacy learning across content areas. Emphasis is also placed on the facilitation of developing effective interpersonal communication skills for collaboration and coaching of teachers and key stakeholders for the literacy development of diverse P-12 students.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 704 - School Turnaround Action Research Project: Modeling Highly Effective Leadership in Low Performing Schools. Part 1, Level II (3)

This course immerses the instructional leader in current school improvement and turnaround school research. This course will provide strategies for leading and evaluating staff in low performing schools, building and sustaining community, leading positive school culture and directing intervention programs for gap students. An emphasis will be placed on working to transform education through research based effective staffing strategies, use of data to pinpoint instructional needs, professional development to address adversity and diverse perspectives as well as incorporating an enriched curriculum, including the arts. Candidates develop a school turnaround project portfolio to demonstrate a depth of understanding of the Professional Standards for Educational Leaders.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 705 - School Turnaround Progress Plan: Modeling Highly Effective Leadership in Low Performing Schools. Part 2, Level II (3)

This course continues to provide the leadership candidate clinical supervision as he or she completes Level II requirements. This course provides additional field experiences that address strategies for effective school

turnaround and reform. It incorporates the use of the action research collected and analyzed in LDG 704 and includes effective use of 21st century technology, education accountability, and the driving principles that underpin school reform. Candidates continue to develop and complete a leadership portfolio that demonstrates a depth of understanding of turnaround school research and the Professional Standards for Educational Leaders. At the culmination of this study, candidates will present their portfolios to an Evaluation Committee comprised of higher education faculty and peers.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 706 - Director of Pupil Personnel: Leading Student Services (3)

Candidates in this course will engage in the establishment of goals for pupil services based upon data; develop organizational plans for DPP services; determine resources needed for pupil services; evaluate programs for improvement; and plan for implementation of systems for effective communication, training for teachers, administrators, students, parents, community members and stakeholders. Candidates will continue to develop and complete a leadership portfolio that demonstrates a depth of understanding of effective school research and the Professional Standards for Educational Leaders.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 707 - Director of Pupil Personnel: Seminar/Practicum (3)

In this course candidates will spend 15 hours in clinical experiences with a successful DPP for the purpose of engaging in services for all students, investigating district policy and procedures as related to the pupil personnel services and collaborating with building administrators. Candidates will acquire skills in monitoring community demographics, emerging trends, resources, and pertinent student data. Candidates will learn to ensure compulsory attendance, investigate habitual truants, seek elimination of causes for irregular attendance, how to conduct effective home visits, interview students and parents, and create methods for reporting to superintendent and other stakeholders. Candidates will continue to develop and complete a leadership portfolio that demonstrates a depth of understanding of effective school research and the Professional Standards for Educational Leaders.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 708 - Roles/Responsibilities of Superintendents (3)

This course is a combination of clinical field experiences and class work, offered in an online environment but utilizing 'face to face' opportunities as well (hybrid model). Course themes include the study of the specific tasks of a school district superintendent, including leadership theory/development, school-based councils, board leadership and its impact on student learning, time management, culturally responsive leadership, capacity building, and ethics. Candidates will collaborate with a current school superintendent in designing and developing a Capstone Project that can be utilized by the participating district.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 709 - Instructional Planning for Student Learning (3)

This course is a combination of clinical field experiences and class work, offered in an online environment but utilizing 'face to face' opportunities as well (hybrid model). Course themes include the study of community engagement focused on student learning, board leadership and its impact on student learning, district-wide aligned and rigorous standards-based curriculum that prepares students to be globally competitive for post-secondary education and work, and empowering school and district staff to provide academic and holistic support to at-risk students. Candidates will collaborate with a current school superintendent in designing and developing a Capstone Project that can be utilized by the participating district.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 710 - Leading Teaching & Learning Instructional Leadership and Graduate Orientation (3)

This course provides facilitation of a variety of skills considered essential to the successful completion of the Principalship licensure. In this course aspiring principal candidates will learn what processes ensure congruency between the intended curriculum, the taught curriculum, and the assessed curriculum. Additionally, essential skills, strategies, and understandings are gained to provide a "guaranteed" curriculum for every child, every day. Through field study candidates learn how to use effective professional development protocols to analyze student work, reflect on instructional practice, and ensure high quality of differentiated instruction for all. A key assessment is completed during this field study.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 711 - School District Management (3)

This course is a combination of clinical field experiences and class work, offered in an online environment but utilizing 'face to face' opportunities as well (hybrid model). Course themes include the study of school finance, working with personnel, food service, transportation, school safety, district management of programs and services, and school based councils. This course is grounded in the principals of organizational health and servant leadership. Candidates will collaborate with a current superintendent in designing and developing a course project that can be utilized by the participating district.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 712 - Systems of Change (3)

This course is a combination of clinical field experiences and class work, offered in an online environment but utilizing 'face to face' opportunities as well (hybrid model). Course themes include developing skills that facilitate rigorous curriculum, engaging instruction, professional development, a comprehensive and effective assessment system, and design of preschool, early childhood, middle childhood, adolescent and adult education that is based on research and best practice. Candidates will collaborate with a current school superintendent in designing and developing a course project that can be utilized by the participating district.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 718 - Understanding Assessment & Monitoring Student Performance (3)

This course focuses on developing an understanding of the complexity of national, state, and local assessment and how to use assessment results to communicate meaningful feedback on student performance. Candidates learn how to use assessment data to identify achievement gaps, determine instructional needs, and monitor and improve curriculum and instruction. Through a field study and a key assessment, they use selected protocols to analyze student performance and plan and lead school improvement efforts.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 720 - Collaborative Performance Appraisal to Improve Student Achievement (3)

Foundational to this course is an in-depth understanding of effective teaching based on a clear vision of good instruction that is rigorous, engaging and standards-based. Candidates learn how to use the collaborative performance appraisal process that includes observation, data analysis, and formative and summative feedback to build teacher capacity and improve student achievement. Additionally, candidates participate in a field study and complete a key assessment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 722 - Financial Resources & Personnel Selection (3)

This course centers on methods of assessing the dispositions, knowledge, and strengths of applicants and selecting the most highly qualified candidates who demonstrate knowledge, skills, and philosophy aligned to the mission and vision of the school. Aspiring principal candidates learn the legal framework for selection and hiring staff as well as effective ways in which to collaborate with colleagues in the hiring process. Candidates are placed with mentor principals to participate in the staff selection process.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 730 - Building & Sustaining Professional Learning Communities (3)

This course provides candidates an opportunity to explore the emerging research about effective practices for creating, maintaining, and utilizing Professional Learning Communities in schools and districts. Participation in both a course and field-based Professional Learning Community provides relevant experience to deepen understanding of key theoretical concepts and complete a key assessment. Action research is also discussed in this course and candidates identify a question for study in their classroom, school or district and then design methodology and review articles related to the research questions.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 748 - Organizational Structure to Improve Student Achievement (3)

This course centers on the critical significance of school improvement that is built upon the foundation of mission and vision aligned to shared beliefs, common commitments and clear goals for improving student achievement. Candidates learn the budgeting process, and ways in which to align resources, operational procedures, and organizational structures to achieve the vision and mission of the school. Candidates also participate in a field study and complete a key assessment.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 750 - Using Data to Improve Student Achievement (3)

As part of the appraisal process principals learn how to construct relevant and manageable data systems and efficiently use them to collect, organize and use data for regular communication with staff, parents and the greater community for school improvement planning and continuous improvement of student achievement.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 760 - Financial Resources & Legal Responsibilities (3)

This course centers on the laws, regulations, and policies under which the school must function in order to provide a safe and welcoming learning climate. The course will include topics such as school governance, student safety, due process, search and seizure, church and state issues, sexual discrimination and harassment, and special education.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

LDG 763 - Leading Differentiated Instruction (3)

The focus of this course is the leader's role in building collaborative structures that provide a pyramid of interventions to ensure the learning for each child, every day. Through a field study candidates analyze and assess effective collaboration models and ways in which the needs of all learners can be met in a regular classroom setting.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LDG 775 - Capstone Project: Gate 8 (3)

This course brings together elements of learning in the Professional Standards for Educational Leaders and culminates in a Capstone Project developed around a school improvement plan. The focus of course content is planning for school improvement. The Capstone Project is judged by a panel of school, district, and higher education faculty.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

LDG 781 - Ed.S. Research Project (1)

Emphasis in the course is on the fundamentals of research in education-what it involves, research methods, and how to design a research project. Specifically the focus is on giving candidates direction and support for developing research based on work begun in LDG 704 and LDG 705. The culminating project will be a research proposal, which will be presented in a written paper format along with an oral presentation to faculty. Once commenced, continued enrollment in LDG 781 is required until the project is considered fully acceptable. Load credit only until final grade.

Prerequisite(s): LDG 704 & LDG 705

Contract Course: Yes

Grading Method: Research/thesis load grade (L/P)

Fee: Yes

Term Typically Offered: Fall, Spring

Literacy - Graduate

LTY 591 - Directed Study in Reading and Writing (1-3)

Opportunity for students to do additional study in an area of need or interest.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Contract course offering

LTY 600 - Reading & Writing in the Elementary School (3)

This course seeks to develop the educator's understanding of the socio-cultural, linguistic, and psychological foundations of reading and writing processes, and how these impact literacy development. This course develops depth of understanding of the developmental stages and principles, materials, and methods of instruction involved in becoming literate and in using literacy to learn in the elementary grades. Emphasis is given to techniques for facilitating writing growth, as well as the unique challenges of developing learners' abilities to use writing to demonstrate their learning. Instruction will address the use and assessment of Kentucky Academic Standards in English/Language Arts for P-5.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

LTY 610 - Reading & Writing in the Content Areas in Middle/Secondary School (3)

This course focuses on principles and methodologies currently in use for enhancing literacy in the middle/secondary school. Understanding of research findings on best practice for promoting continuous progress of diverse adolescent learners in reading for aesthetic purposes and the unique demands of constructing meaning from informational texts will be applied to classroom practice. The integration of content reading and writing that results in communicating meaning through various types of expository discourse will be addressed. Instruction will address the use and assessment of Kentucky Academic Standards in Reading, Composition, and Language for 6-12.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Summer

LTY 620 - Clinical Assessment of Literacy (3)

This course promotes the educator's understanding of materials and approaches for assessing oral language, reading, and writing needs of children and adolescents who struggle in learning to construct meaning from text and/or communicate through writing. While familiarity with summative assessment measures is developed, emphasis is placed on the use of formative assessment to inform instructional interventions with remedial students. Instruction will address the use of formative and summative literacy assessments for diagnosing the gaps in students' knowledge and skills based on the Kentucky Academic Standards in English/Language Arts for P-12. In the embedded clinical experience, the educator will work with a child or adolescent referred to the Asbury University clinic to assess the child or adolescent's strengths and areas of need related to reading and/or writing. Based on the referral information, the educator will select, administer, and interpret the results of appropriate instruments, and develop a work sample that provides guidance, based on assessment results, to inform the selection of instructional interventions that are aligned to Kentucky Academic Standards in English/Language Arts for P-12. **NOTE:** Students (P-12) who have been clinically assessed become part of our Reading Clinic that provides the Literacy Interventions Clinical for our candidates.

Prerequisite(s): LTY 600, LTY 610
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Fall

LTY 630 - Literacy Interventions Clinical (3)

This clinical interventions course follows "Clinical Assessment of Literacy". It develops an in-depth understanding of various approaches and strategies suggested by best practice research as being effective in helping learners overcome reading and writing difficulties, and the collaborative role of the literacy specialist in working with the general educator to promote the continuous literacy progress of all students. Candidates will use first-hand experiences in using various "best practice" approaches and strategies as she/he tutors a child or adolescent in the reading clinic. Instruction will address strategies for closing the gaps in students' knowledge and skills based on the Kentucky Academic Standards in English/Language Arts for P-12.

Prerequisite(s): LTY 620
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

LTY 642 - Investigations in Literacy (3)

This course involves the educator in identifying, explaining, and comparing theories in language development and literacy learning. Building on this theoretical foundation, it develops the student's knowledge of the history of literacy research and of major literacy studies both classic and contemporary that informs best practice in literacy instruction. An emphasis is given to identifying gaps in research-based knowledge and guiding educators to develop questions related to literacy education that she/he would like to investigate through an action research approach.

Prerequisite(s): None
Grading Method: Letter Grade
Fee: Yes
Term Typically Offered: Spring

LTY 644 - Leadership in Literacy Programs (3)

This course encompasses special topics related to the role of the literacy specialist in providing school/community leadership for the enhancement of literacy education. Topics will include curriculum and program evaluation, development of literacy coaching skills, development of skills (using technology) for collecting, analyzing, diagnosing, prescribing, and reporting literacy data trends, building capacity for collaboration between general and special educators, providing professional development workshops, grant writing, collaborating with and empowering diverse families, and building community/school partnerships.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Summer

Master of Business Administration

MBA 511 - History of Business, Faith & Ethics (3)

The purpose of this class is to unite key business principles with theological insights as an opening course for students in the Dayton School of Business MBA program. Understanding our Christian anthropology, in addition to our heritage and key beliefs, is a necessary antecedent to graduate work in business at Asbury University. People of faith, like everyone else, are active participants in a business-dominated world.

Developing a clear understanding of how the business world runs, and more importantly, having our faith perspective define and dictate how we understand and behave within this world is the primary intent of the class. This course will specifically explore the history of Christianity and commercial exchange, humans as image bearers of a productive and relational Creator, case study examples of faith-motivated ventures and entrepreneurial endeavors through history, and reflection upon redemptive business practice.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MBA 512 - Accounting (3)

This course is geared towards managers and their need to utilize accounting information to make decisions. This course will help the student understand the key financial statements as well as key managerial financial reports. Financial statement analysis as well as break-even and pricing analysis will be covered so that better business decisions can be made.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MBA 513 - Financial Management (3)

Financial management concepts such as present value, stock and bond valuation, capital budgeting, capital structures, financial forecasting, and working capital management will be covered. Additional subjects will include valuations, and different sources and uses of capital available in order for the leaders to be good stewards of the organization.

Prerequisite(s): MBA 512

Grading Method: Letter Grade

Term Typically Offered: Spring

MBA 514 - Business Ethics (3)

This course will explore the more common ethical traditions and their moral claims relative to the marketplace and the business environment. Moreover, topics of spirituality, business ethics, and calling from a Christian perspective will be explored from a faith-based perspective.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

MBA 515 - Strategic Leadership (3)

This course provides practical understandings into internal and external factors which impact the effectiveness of leaders and an understanding of the dynamics of leadership skills and behaviors necessary to function in a competitive, international environment. Topics such as characteristics of leaders, change leadership, transformational leadership, and servant leadership will be covered. .

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MBA 516 - Strategic Marketing (3)

A study of current challenges in today's global marketing environment. A key aspect is understanding the need to develop a competitive advantage by creating customer value. Further understanding of marketing strategies, positioning, market segmentation, pricing, communication, and distribution channels will take place. Emphasis will be on developing skill for entering new markets.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MBA 517 - Managerial Economics (3)

This course is a study of economic decision-making in today's business firm. Students will develop fluency with the language and concepts of economics and a strong economic intuition. Students will gain an understanding of selected economics-based decision-making tools and the impact and interaction of the structure of an industry on competition. The course emphasizes the logical foundations of economic analysis and managerial decision-making. Advanced estimation techniques such as multivariate regression will also be incorporated into the course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MBA 518 - Strategic Analytics (3)

An overview of design, control, and improvement of production and service systems. Topics including operations strategies, product design, process selection, and quality management are covered. This course will also utilize tools to aid decision making. Skills such as data collection, preparation, analysis, and interpretation will be taught.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Summer

MBA 519 - Business Law (3)

An overview of commercial law related to business transactions and the legal frameworks that regulate companies and industries. Topics include commercial paper (checks, promissory notes, certificates of deposit, etc.); credit transactions and security devices (mortgages, pledges, liens, etc.); agency; and bankruptcy.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Summer

MBA 543 - Sport Management & Leadership (3)

This course is designed to explore the critical function of leadership in the management of sport organizations. Building from the academic foundations of industrial psychology, organizational behavior, and organizational theory, we consider the degree to which leadership is of strategic importance to organizational operations. We approach the topic from a variety of directions (including classical leadership theory, biographical studies, and analyses of contemporary issues of leadership, philosophical debate, and personal experiences) and disciplines (both inside sport and out). In addition to gaining an advanced understanding of leadership theory and practice, students will consider their own approaches to leading organizations. This course will not produce new leaders. Instead, it will provide students with an environment to engage in critical thought, scholarly discourse, and philosophical debate about what it means to lead.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MBA 545 - Foundations of Sport Venue & Event Management (3)

Application of sport management theory to venue and event management associated with hosting, managing and sponsoring events. Management process, including theory of management and practical applications within the sport venue and event planning industry will be included.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MBA 546 - Integrated Sport Marketing Strategies (3)

This course focuses on the management of the developing, implementing, and evaluating of marketing strategies for sports organizations and companies. This course emphasizes developing the skills and experience needed to make strategic decisions, regarding the direction of the firm's marketing efforts. Attention is also focused on how strategic marketing contributes to the development and implementation of an organizations overall business strategy.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Summer

MBA 593 - MBA Seminar (1-3)

Designated special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

MBA 611 - Entrepreneurship & Innovation (3)

A study of entrepreneurship and the skills and practices needed to launch a sustainable venture. This involves understanding how to stimulate creativity, innovation management, new product development, and becoming a learning organization.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MBA 612 - Social Entrepreneurship (3)

A study of the business principles that are being applied to solving the world's humanitarian problems such as poverty, homelessness, malnutrition, and infectious diseases. This course introduces the field of social entrepreneurship and the effective governance of nonprofit organizations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Summer-even years

MBA 614 - Capstone Project (3)

In this course, students will experience an intensive study week that serves as a comprehensive class for the entire MBA program at Asbury University. Specific attention will be given to the origination, implementation, and sustainable cultivation of a business project, firm, or organization. Attention will be given to considerations in the triple bottom line.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MBA 615 - International Business (3)

A survey of the organization and management of international business stressing the effects of international cultural, economic, and legal factors on the management function. Typical factors examined are export and import trade, transnational investment, finance, marketing, production, taxation, and the role of the U.S. national in multinational organizations.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MBA 616 - HR/Org Behavior (3)

The processes inherent in effective management of the organization's human resources. Topics include: employee selection, training, and development; design of compensation and reward systems; applied motivation models; and current issues in the management of human resources.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

MBA 635 - Mentored Experience (3)

This constitutes a mentored fieldwork experience in a business organization. It may be either an internship or co-op position in which the student is assigned specific tasks to be accomplished during their tenure with the company. A mentor will also be assigned to the student to guide them in the integration of faith and work

as they complete their fieldwork. The student will meet regularly with the mentor and be required to keep a journal throughout the assignment. [Approval required.]

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

MBA 693 - MBA Seminar (1-3)

Designated upper-level special-interest classes, seminars, or field experiences supervised by faculty, with the appropriate course requirements. May be repeated.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Occasionally offered

Mathematics Education - Graduate

MTG 508 - Elementary Math Content & Methods I (2)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the teaching and learning of content for grades K-2. Selected material from other grade levels will be explored in preparation for future courses in the series. A clinical component of the course will focus on preparing math lessons for primary grade students, which integrate technology and focus on conceptual understanding.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MTG 509 - Elementary Math Content & Methods II (2)

This course is designed to equip future elementary teachers to facilitate children's mathematical development. Using standards for mathematical practice and content, students will deepen their knowledge and understanding of mathematics through the teaching and learning of content for grades 3-5. Selected material from other grade levels will be explored in preparation for future courses in the series. A clinical component of the course will focus on preparing math lessons for grades 3-5 students, which integrate technology and focus on conceptual understanding.

Prerequisite(s): MTG 508 with a minimum grade of "C".

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

MTG 510 - Advanced Topics in Mathematics I (3)

Students will work under the direct supervision of a faculty member in the mathematics department to select topics that will best supplement and enhance the student's educational experience in the mathematical sciences. This process will involve diagnostic tests, student surveys, and individual student/teacher conferences. Progress in the resulting professional development plan will be assessed from assigned written work, research reports, tests, and oral presentations.

Prerequisite(s): None

Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

MTG 610 - Advanced Topics in Mathematics II (3)

This course focuses on mastery of the standards for mathematics with the purpose of developing highly qualified grades 8-12 mathematics content experts. Topics include algebraic thinking, functions, geometry, calculus, linear algebra, statistics and probability. In addition, information obtained from assessments and surveys in MTG 510 will be utilized to create and implement professional development plans for students.

Prerequisite(s): MTG 510

Contract Course: Yes
Grading Method: Letter Grade
Term Typically Offered: Contract course offering

Media Communication - Graduate

MCG 511 - Directing the Narrative Film (3)

An introduction to directing for film. We will cover all the things it takes to direct a short or feature-length film such as developing a visual language, understanding subtext, learning to direct actors, and executing the theme of your film through directing choices. Each student will be responsible for directing one project that will be submitted to the Highbridge Film Festival or other festival approved by your graduate advisor. In addition, we will be doing in-class workshops that cover actor coaching, creating shot lists and storyboards, and re-writing. On-campus only.

Prerequisite(s): MC 302 or permission of instructor.

Grading Method: Letter Grade
Term Typically Offered: Fall

MCG 520 - Design for Film, Television, & Theatre (3)

Students will explore how design influences storytelling by studying design concepts for film, television and theatre. They will learn how to analyze a script and create a design plan including costuming, sets, and props. Online only.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

MCG 524 - Producing for Film & Television (3)

This course will explore the essential principles of producing for film and television. It will examine key concepts in financing, monetization, distribution, crew hiring, budgeting, working with guilds, form creation, entertainment management, and various aspects of hands-on producing.

Prerequisite(s): MC 200
Grading Method: Letter Grade
Term Typically Offered: Fall

MCG 525 - Sports Storytelling (3)

This online course will focus on sports storytelling and the creative theories and practices used by producers, directors and production personnel as executed across all visual media platforms (live event coverage, studio shows, documentaries, and feature stories, and digital programming.) Online only.

Prerequisite(s): DSG 550

Grading Method: Letter Grade

Term Typically Offered: Every other Fall-even years

MCG 528 - Editing Practice & Theory (3)

This course will explore the practicalities and theories of film and video editing. It will provide advanced software editing techniques and the complicated procedures of post-production with an emphasis on importing footage and exporting to various formats. The course will also explore key aesthetic approaches to editing narrative film. Online only.

Prerequisite(s): MCG 302 or equivalent.

Grading Method: Letter Grade

Term Typically Offered: Fall, Spring

MCG 530 - Media Ministry & the Church (3)

This course will study the rapidly growing world of media ministry. Students will explore how multi-media can enhance worship, and inspire, inform and educate the congregation. Students will learn how to craft powerful narratives by combining scriptural truths with media production. The class will include theoretical study as well as practical application in the form of a final project that they will create for their respective congregations. Online only.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Summer-even years

MCG 532 - Sundance: Study of Independent Cinema (3)

Students will study a brief history of the "Indie" movement and learn about the art, culture and commerce of the festival. They will gain an understanding of how independent films are developed, bought, and sold through the Sundance venue. In addition to this, students will study the concept of redemptive cinema and explore how God uses secular film to speak truth to diverse audiences. The festival will serve as a laboratory for students as they attend screenings, discussions, and seminars on a variety of industry-specific topics. Off-campus Travel Course.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

MCG 544 - Film Scoring (3)

A class in the study of composing music for film and television, intended for musicians with basic composition skills. This graduate level class provides students with practical experience in the techniques and practices used in the creation and production of music, music editing and synchronization, and working with directors and producers.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other spring or summer

MCG 560 - Underwater Cinematography (3)

We will examine the world of underwater cinematography and filmmaking, the equipment, underwater skills, lighting techniques, storytelling aspects and camera control necessary to capture quality underwater imagery. This will be a two-week intensive summer class. On-campus only.

Prerequisite(s): MC 302 or equivalent
Grading Method: Letter Grade
Term Typically Offered: Every other Summer-odd years

MCG 590 - Sound for Picture (3)

An in-depth study of the techniques used in creating and editing sound when related to film and television. Topics include sound recording and editing, ADR, Foley, sound mixing, workflows and delivery methods.

Prerequisite(s): MC 121
Grading Method: Letter Grade
Term Typically Offered: Every other Fall-even years

Nonprofit Management - Graduate

NPM 522 - Nonprofit Financial Management (3)

The course covers skills for budget development, financial forecasting and analysis. Skills such as data collection, preparation, analysis, and interpretation will be taught. This course will also utilize tools to aid decision making. Financial management concepts such as financial forecasting and working capital management will be covered.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

NPM 523 - Strategic Fundraising (3)

Covers funding topics such as the running of an annual campaign, membership driven fundraising, corporate gifts, estate giving as well as grant writing.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Spring

NPM 525 - Board & Leadership Development (3)

This course is focused on the relationship between staff executives and volunteer leadership. Topics such as recruitment, development of volunteer boards, maturity of boards and succession planning will be covered.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Every other Summer-odd years

NPM 526 - Nonprofit Marketing (3)

This course challenges students with case studies and familiarizes them with strategic management tools such as media monitoring, crisis planning, content analysis and questionnaire development. Aspects such as brand development and protection, services marketing, the duality of donor and recipient marketing relationships will also be addressed.

Prerequisite(s): None
Grading Method: Letter Grade
Term Typically Offered: Fall

NPM 528 - Project Management (3)

Nonprofit organizations are constantly being challenged to reinvent themselves and their programs while staying true to their mission. This course considers the challenge of creating new program and service offerings as well as how to encourage entrepreneurial thinking within the organization.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Spring

NPM 625 - Global Issues (3)

This course is designed to enhance awareness of global issues affecting nonprofit organizations. The range of contemporary topics include: 1) ethnic and cultural factors that lead to conflict; 2) international social justice issues; 3) cross-border global issues; 4) the intersection of state and religion; 5) technology; and 6) other issues relating to globalization.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

NPM 626 - Human Resource Management in Nonprofits (3)

A study of issues related to attracting, motivating, and retaining employees (both paid and volunteer). This course discusses the activities of planning staffing, appraising, compensating, training and developing, improving, and establishing work relationships with employees. A focus on the development of skills in the recruiting and leading of paid and volunteer teams.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Fall

Spanish Education - Graduate

SPG 510 - Advanced Topics in Spanish (3)

The student will work under the direct supervision of a faculty member in Spanish to select a topic or topics that will best supplement and enhance the student's educational preparation in Spanish. A course plan will be mutually agreed upon and undertaken by the student. Evaluation of the student's work may be through assigned written work, research reports, tests, oral presentations, conferences with faculty, etc.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Special Education - Graduate

EDG 640 - Language Learning & Literacy (3)

An in-depth look at theories and research in oracy and literacy acquisition. Attention will be given to identifying students with perceptual and language processing difficulties as well as developing expertise in appropriate instructional strategies.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

SEG 520 - Exceptional Learner in the General Education Classroom (3)

An introduction to the various contemporary areas of special education focused on the learning needs of students with disabilities (including intellectual, behavioral, physical, or sensory disabilities) and students identified as gifted and talented. Emphasis will be placed on the principles and procedures for educational programs to accommodate students with disabilities in general education settings.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall, Summer

SEG 630 - Behavioral Intervention of Students with Learning & Behavior Disabilities (3)

This course offers principles and techniques for managing the behavior of children and youth with disabilities. Preventive, supportive, and corrective techniques are included. The focus of the course will be on applied behavior analysis and the designing and implementing of behavioral management plans. Consultation techniques for indirect service to students will be included.

Prerequisite(s): SEG 520 or equivalent.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

SEG 632 - Leadership, Collaboration, and Advocacy (3)

[same as TEL 632] This course focuses on collaborative models and evidence-based practices for creating and sustaining cooperative working relationships in the school setting. Relevant legislation and policies regarding issues of equity for students and involvement of parents will be covered. The professional skills needed to assume a leadership role in advocating for all students and providing support, resources, and guidance to colleagues will also be addressed in this course.

Prerequisite(s): SEG 520 or equivalent.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

SEG 634 - Early Childhood Education of Special Populations (3)

An overview of the special needs of young children including the discussions of historical and empirical support for providing early intervention services; assessment, instructional methodologies, family involvement and including children with and without disabilities. Attention will be given to assessing and assisting achievement of cognitive, language, social, and motor skills.

Prerequisite(s): SEG 520 or equivalent.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

SEG 638 - Introduction to Students with Learning & Behavior Disabilities (3)

The learning, behavioral, and emotional problems of children and youth are explored in the context of theory, etiology, assessment, and practice. Issues of educational programming and community agency

support are considered. (Field experience required)

Prerequisite(s): SEG 520 or equivalent.

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

SEG 660 - Methods & Assessment for Special Populations I (3)

The administration of formal achievement testing and informal measures of curriculum-based assessment will be addressed. Emphasis will be on the IEP development and educational programming for students with disabilities.

Prerequisite(s): SEG 630, SEG 638

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

SEG 672 - Methods & Assessment for Special Populations II (3)

A more intensive study of assessment related to the individual progress of students in individual group settings will occur. Monitoring of individual progress and the implementation of systematic teaching procedures and cognitive strategies are addressed.

Prerequisite(s): SEG 660

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

Social Studies Education - Graduate

SSG 510 - Advanced Topics in History (3)

Students will work under the direct supervision of a faculty member in the History Department to select topics that will best supplement and enhance the student's educational experience in history. The student will complete readings from an assigned bibliography that includes both primary and secondary sources and prepare a series of evaluative reports on the readings. Oral presentations may also be required.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Letter Grade

Term Typically Offered: Contract course offering

Teaching ESL - Graduate

TEL 500 - Cultural Competency for Teaching English Learners (3)

This course provides an introduction to the stages of second language acquisition embedded in a culturally responsive framework for teaching English as a second language (ESL). This course cultivates awareness of students' sociocultural and linguistic differences as resources for teaching and learning. In addition to reading and discussing current research, candidates will spend at least ten hours observing, participating with, or teaching emergent bilingual and multilingual learners in local school settings.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

TEL 531 - Grammar & Linguistics for Teaching EL (3)

Students apply knowledge of English academic language functions, learning domains, content-specific language, discourse structures, and vocabulary to promote academic achievement across content areas in reading, writing, speaking, and listening skills. Students develop collaboration skills to work with other educators, school personnel, and families to support the learning of language and literacies in the content areas.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

TEL 535 - Sound Systems of Language (3)

Phonetics involves the study of human speech sounds, including articulatory phonetics, acoustic phonetics, and auditory phonetics. Phonology is the study of sound systems of languages, including how phonemes and allophones form integrated systems in particular languages resulting in differences from one language to another.

Prerequisite(s): TEL 531

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

TEL 536 - Grammatical Structure of Language (3)

Morphology is the word formation system of languages, including how morpheme and allomorphs form integrated systems in particular languages resulting in differences from one language to another. The study moves to syntax and how these smaller units are used to form sentences and how sentences relate to one another.

Prerequisite(s): TEL 531

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: on teachout plan

TEL 618 - Methods for Teaching English Learners (3)

Addresses current methods and materials for teaching English as a Second Language with a particular emphasis on culturally responsive instruction. Focuses on theory made practical with a strong emphasis on ethical and intercultural sensitivity. Includes practicum experiences to ensure classroom confidence and success.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Fall

TEL 619 - Assessment for Teaching English Learners (3)

Addresses methods of assessment for teaching English Learners (EL) with an emphasis on a systemic assessment process as well as ethical and intercultural sensitivity. Students will be introduced to criteria to

ensure consistent identification of EL students, as well as to determine their eligibility, placement and duration of programs and services based on English language proficiency assessment. Candidates will acquire knowledge and skills related to language proficiency assessments that are linked to the Kentucky Academic Standards, appropriate standardized assessments and formative and summative assessments used for English Learners. Candidates will be prepared to analyze assessment results to create intervention plans and to design instruction and monitor progress for English Learners. This course is designed to provide methods for assessing the effectiveness of school-based language instructional programs to inform future program improvements.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Spring

University Studies - Graduate

UVG 510 - Strategies for College Success (3)

Strategies for college success is offered for students in an approved support program. The course is designed to help the student: (1) identify personal strengths and weaknesses; (2) create an individual college plan; (3) demonstrate competency in note-taking; (4) complete weekly management sheets; (5) demonstrate writing competency in journal writing. This seminar provides a systematic structure to address the above concerns. No more than one semester hour may be applied toward the total required semester hours for graduation.

Prerequisite(s): None

Contract Course: Yes

Grading Method: Credit/No Credit (P/N)

Term Typically Offered: Contract course offering

Theatre - Graduate

THG 533 - Lighting Design (3)

Examination of the art of stage lighting from a theoretical and practical point of view. Emphasis on the study and knowledge of technical equipment as well as fundamental properties of lighting design. Course utilizes script analysis and practical projects. Work on theatre productions is required outside of class hours. Students must create an advanced lighting project.

Prerequisite(s): None

Grading Method: Letter Grade

Term Typically Offered: Every other Spring-odd years

THG 563 - 3D Digital Production Design (3)

Introduction and exploration of the tools, software, and processes used in Digital Drawing, Modeling, & Rendering for Production in the entertainment industry. Students will be required to create an advanced 3D design project.

Prerequisite(s): None

Grading Method: Letter Grade

Fee: Yes

Term Typically Offered: Every other Spring-odd years