
Course Descriptions

Aerospace Science (AS)
Biology (BIO)
Business Administration (BUS)
Chemistry (CEM)
Computer Science (CS)
Criminal Justice (CJ)
Economics (ECO)
Education (ED)
English (ENG)
Financial Planning (FP)
French (FRN)
Geography (GEO)
Health/Wellness (HWL)
History (HST)
Insurance and Risk
 Management (IRM)
Interdisciplinary Studies (IDS)
Journalism and Mass
 Communication (JMC)
Master of Business Administration
 in Insurance (MBA)
Mathematics (MTH)
Music (MUS)
Philosophy (PHL)
Physical Education (PE)
Physics (PHA)
Political Science (POS)
Psychology (PSY)
Recreation (REC)
Religious Studies and Ethics (REL)
Science (SCI)
Spanish (SPN)
Sociology and Anthropology (SA)
Theatre/Speech (THR)
Visual Arts (ART)
Women's and Gender Studies (WGS)
World Languages

Aerospace Science

Interdisciplinary Studies Department

AS 111 Foundations of the United States Air Force I

Fall Semester. 1 semester hour.

Introduction to the United States Air Force. Mission and organization; group leadership problems; introduction to communications skills, leadership laboratory.

AS 112 Foundations of the United States Air Force II

Spring Semester. 1 semester hour.

Introduction to the United States Air Force. Mission and organization; group leadership problems; introduction to communications skills, leadership laboratory.

AS 211 Evolution of the USAF and Space Power I

Fall Semester. 3 semester hours.

Air Force heritage is explored. Evolution of air power concepts and doctrine, introduction to ethics and values, introduction to leadership; continuing application of communication skills, leadership laboratory.

AS 212 Evolution of the USAF and Space Power II

Spring Semester. 3 semester hours.

Air Force heritage is explored. Evolution of air power concepts and doctrine, introduction to ethics and values, introduction to leadership; continuing application of communication skills, leadership laboratory.

AS 321 Air Force Leadership Studies I

Fall Semester. 3 semester hours.

Communication, management and ethical skills for Air Force officers. Emphasizes standards and professionalism in the modern officer core, leadership laboratory.

AS 322 Air Force Leadership Studies II

Spring Semester. 3 semester hours.

Leadership theory, traditional Air Force management functions and current practices. Emphasizes the application of leadership concepts by junior officers, leadership laboratory.

AS 421 National Security Affairs

Fall Semester. 3 semester hours.

Formation and implementation of defense policy and strategy. Bureaucratic interplay and impact of nuclear technology. Investigation of current defense issues, leadership laboratory.

AS 422 National Security Affairs and Preparation for Active Duty

Spring Semester. 3 semester hours.

Role of the professional officer in a democratic society. Global security issues. Military justice and the laws of war, leadership laboratory.

AS 490 Independent Study

Summer Semester. 1-3 semester hours.

Independent reading and research on special topics.

Biology

Natural and Physical Sciences Department

BIO 105 Human Biology

Spring Semester. 3 semester hours.

Satisfies Natural World Requirement.

An introduction to the biology of the human body. Topics include overviews of the circulatory, digestive, respiratory, nervous, reproductive, excretory and musculoskeletal systems. Hands-on laboratory activities give practical experience in understanding how the human body functions.

BIO 111 Principles of Biology - Molecules to Cells

Fall Semester. 3 semester hours.

Satisfies Natural World Requirement.

Life at the cellular level. Biological molecules, major cell structures and their functions, bacteria and viruses and their role in human health issues, disease, genetics and reproduction. Laboratory investigations provide hands-on experience in basic cell biology.

BIO 112 Principles of Biology - Organisms to Ecosystems

Spring Semester. 3 semester hours.

Satisfies Natural World Requirement.

Life at the organismal and population levels. Classical and population genetics, evolution, biological diversity and ecological principles. Human impact on other organisms and the environment. Laboratory investigations provide hands-on experience in basic organismal biology.

BIO 150 Introductory Zoology

Spring Semester, even years. 4 semester hours.

Prerequisite: SCI 102 or BIO 111 or 112.

Basic zoological principles as illustrated by selected representatives of the animal kingdom. Topics include a survey of animal types with reference to taxonomy, morphology, ecological relationships and evolution. Laboratory exercises provide hands-on experience.

Course Descriptions

BIO 160 Introductory Botany

Fall Semester, even years. 4 semester hours.

Prerequisite: SCI 102 or BIO 111 or 112.

Principles of plant biology. Functional significance of plant tissues and structures, life cycles, evolutionary patterns and photosynthesis. The aesthetic, economic and environmental significance of plants are discussed. Laboratory exercises provide hands-on experience.

BIO 202 Comparative Vertebrate Biology

Spring Semester, odd years. 3 semester hours.

Prerequisite: BIO 150, or instructor permission.

Chordate types with emphasis on the structure of vertebrate animals and the evolution of vertebrate systems. Laboratory includes comparative dissections.

BIO 207 Microbiology

Spring Semester. 3 semester hours.

Prerequisite: SCI 102 or BIO 111 or 112.

Microbial life, including bacteria, fungi, protists, and viruses. Basic structure and function, antimicrobial drugs, and the roles of microbes in ecology and disease. Includes laboratory exercises in handling and culturing microbes, and in microbial activity.

BIO 208 General Ecology

Fall Semester. 3 semester hours.

Interactions of living things with each other and their environment. Biogeochemical cycles, food webs, predator-prey relationships, competition, population growth, succession and human impact on natural ecosystems.

BIO 210 Entomology

As announced. 3 semester hours.

Prerequisite: SCI 102 or BIO 112 or instructor permission.

Morphology, ecology and diversity of insects. Insect evolution, behavior, metamorphosis and biological relationships to the environment are covered. Special attention is given to the importance of insects to humans.

BIO 211 Anatomy and Physiology I

Fall Semester. 3 semester hours.

Prerequisite: BIO 111 or SCI 102 or equivalent.

A study of the anatomy and physiology of the human body. Topics include the integumentary, skeletal, muscular and nervous systems.

BIO 212 Anatomy and Physiology II

Spring Semester. 3 semester hours.

Prerequisite: BIO 211 with "C" or better.

A continuation of the study of the anatomy and physiology of the human body. Topics include the cardiovascular, respiratory, urinary, digestive, endocrine and reproductive systems.

BIO 216 Ornithology

Fall Semester, even years. 3 semester hours.

Avian life, including field identification, behavior, flight, reproduction and ecological importance of birds. Course includes extensive observation of birds in the field.

BIO 305 Ethology

Intensive Learning Term, odd years. 3 semester hours.

Prerequisite: None.

Animal behavior, in wild and domestic species. Territoriality, learning, courtship and sexual behavior, play and sociobiology. Includes observation of behavior in the field.

BIO 311 Pathology

Spring Semester, even years. 3 semester hours.

Prerequisite: BIO 211 and BIO 212 or concurrent, or instructor permission.

General principles of mammalian disease with emphasis on human illness. Basic mechanisms of disease, immunity, healing, cancer, metabolic disorders and pharmacology. Common diseases of each of the major organ systems are discussed, including cause, effects and general approach to treatment.

BIO 312 Parasitology

Fall Semester, even years. 3 semester hours.

Prerequisite: BIO 111 or 112; recommended BIO 150 or 311.

A survey of animal parasites with emphasis placed on life histories, pathological effects, control measures and social and economic implications associated with parasites of vertebrate animals. Special attention is given to parasites of humans.

BIO 313 Plant Ecology

Fall Semester, odd years. 3 semester hours.

Prerequisite: BIO 112 or 208 or SCI 102.

Ecological adaptations and characteristics of plants, plant and animal interrelationships, endangered plants, toxic and medicinal plants, and non-native plants. Course includes extensive study of plants in the field.

BIO 345 Introduction to Neuroscience

Fall Semester, odd years. 3 semester hours. (also listed under PSY 345). Prerequisite: PSY 201 or BIO 111 or 112 or instructor permission.

An introduction to the biology of the nervous system and behavior, including nervous system functions and disorders, environmental impacts and genetic development. Topics include nerve transmission, impacts of body cycles on behaviors, psychopharmacology, abnormalities of development, major psychological problems and links between humans and our animal "roots."

BIO 401 Cell Biology

Fall Semester. 3 semester hours.

Prerequisite: BIO 111, CEM 151 and 152 and junior standing.

Major topics in cell and molecular biology with an emphasis of biomolecular features and their physical and functional position within cells. Membrane dynamics, transporters, exo and endocytic pathways, and signal transduction are major themes. The course includes independent research, writing and presentation of an aspect of cell biology.

BIO 402 Ecosystem Ecology

Intensive Learning Term, even years. 3 semester hours.

Prerequisite: BIO 208 or instructor permission.

An examination of the characteristics, flora and fauna of the major ecosystems of the world, including forest, wetland, desert, grassland, dune, tundra, reef and cave. The course includes discussion of human impact on these habitats as well as study of habitats in the field.

BIO 403 Environmental Health and Toxicology

Spring Semester, odd years. 3 semester hours.

Prerequisite: BIO 111 and 112, or SCI 107 or instructor permission.

The interrelationship of environmental damage to the health of humans and other organisms. Topics include an introduction to the principles of toxicology and environmental epidemiology, and sources and medical effects of pollutants, global warming and toxic waste.

BIO 404 Genetics

Spring Semester. 3 semester hours.

Prerequisite: BIO 111 and junior standing.

The major disciplines of genetics: molecular, Mendelian (classical) and population genetics. Topics include: gene theory, linkage, inheritance patterns, mutations and cancer, natural and artificial selection, genetic engineering and genetic disorders.

BIO 406 Biostatistics

Fall Semester. 3 semester hours.

Prerequisite: MTH 109 or equivalent, 12 semester hours of biology or other science, and junior standing.

An introduction to the use of statistics for decision making in the biological sciences. Application of basic methods of descriptive and inferential statistics, formulation and testing of hypotheses, and experimental design are explored. Statistics software is used.

BIO 415 Research in Biology

Fall and Spring Semesters, by request. 1–3 semester hours.

Prerequisite: instructor permission.

Special investigations of specific biological problems.

BIO 418 Independent Study

Fall and Spring Semesters, by request. 1–3 semester hours.

Prerequisite: instructor permission and approval of course outline by the Academic Performance Committee.

Independent reading and research of special topics in biology.

BIO 431 Molecular Biology Techniques

Spring Semester. 3 semester hours.

Prerequisite: CEM 332.

An introduction to techniques of modern molecular biology, with an emphasis on DNA manipulation. Includes work with restriction enzymes, plasmids and electrophoresis.

Business Administration

Business Administration Department

BUS 200 Introduction to Business

Fall and Spring Semester. 3 semester hours.

Introduction to Business is an examination of the major functional areas of business administration including management, marketing, human resources, finance and accounting. Introduction to Business is designed for non-business administration majors.

BUS 201 Principles of Accounting I

Fall and Spring Semesters. 3 semester hours.

Principles of Accounting I is an introduction to accounting principles with an external reporting emphasis on the preparation and use of financial statements. The course includes adjusting accounts, the accounting cycle, accounting for merchandising operations, internal control and cash, receivables, interest, inventories, capital assets and depreciation. Focus is on the sole proprietorship.

BUS 202 Principles of Accounting II

Fall and Spring Semesters. 3 semester hours.

Prerequisite: BUS 201.

A continuation of Principles of Accounting I, with emphasis on liabilities, bonds payable and time value of money, partnerships, corporate organization, stock transactions, dividends, retained earnings, cost accounting, budgeting, ratio analysis, financial statement analysis and the statement of cash flow. Focus is on corporations and partnerships.

BUS 212 Business Law I

Fall Semester. 3 semester hours.

Business Law I provides an introduction to the law and legal system in the U.S., as well as a thorough examination of the law of contracts and sales. The course includes the study of sales, contracts, bailment and Article II of the Uniform Commercial Code. Also included is the law of negotiable instruments, secured transactions and bankruptcy.

Course Descriptions

BUS 213 Business Law II

Spring Semester. 3 semester hours.

Prerequisite: BUS 212.

Business Law II examines the law of business associations to include agency, partnerships, limited partnership, joint ventures and corporations including an overview of antitrust law and securities regulation. Business Law II includes law of human resource.

BUS 215 Personal Finance

Fall Semester. 3 semester hours.

Personal Finance introduces the knowledge and techniques associated with major financial planning problems encountered by individuals and families such as savings and investments, insurance, taxes, budgeting and major purchases, retirement and estate planning.

BUS 295 Financial Statement Analysis

Fall Semester. 3 semester hours.

Prerequisites: BUS 202, ECO 202

Financial Statement Analysis is a study of the corporate financial statements. The study focuses on three major parts; (1) practical computer generated problems that analyze the financial statements mathematically, (2) an in-depth study of the meaning of the data that is included in the financial statements, and (3) a study of data that might not be included in the financial statements. The objective entails the student being able to read in-between the lines and separate meaningful data from the corporate fluff that is commonly included in a corporate annual report.

BUS 300 Management

Fall and Spring Semesters. 3 semester hours.

Prerequisite: sophomore standing.

Management consists of an analysis of business activities designed to manage an organization to efficiently serve employees, customers and the community. Topics studied include planning, organizing, leading and controlling; the business environment, business institutions, government regulations, organizational structure, human resources and human behavior within the framework of the needs of a diverse world.

BUS 301 Intermediate Financial Accounting I

Fall Semester. 3 semester hours.

Prerequisite: BUS 201, 202.

This course is designed to provide the student with a professional-level examination of the theory underlying the accumulation of accounting data. It includes in-depth review of Generally Accepted Accounting Principles (GAAP) for current assets and property, plant and equipment. Computer applications of various types are included.

BUS 302 Intermediate Financial Accounting II

Spring Semester. 3 semester hours.

Prerequisite: BUS 201, 202, 301.

This course will study the accounting for long-term investments, liabilities, stockholders equity and special topics such as leases and statement of cash flows. Computer applications of various types are included.

BUS 304 Cost Accounting

Spring Semester. 3 semester hours.

Prerequisites: BUS 202

Cost Accounting deals with the manufacturing cycle and includes job-order, process costing, activity based costing and the control of materials, labor and variable and fixed overhead costs, cash budget, operating budget, manufacturing budget, cost-volume-profit analysis, break-even-point and variance analysis. Excel and PowerPoint based.

BUS 309 Principles of Marketing

Fall and Spring Semesters. 3 semester hours.

Prerequisite: sophomore standing

Principles of Marketing is an introduction to the basic functions of marketing. The course includes topics such as consumer behavior, marketing research, marketing planning, physical distribution, selling, promotion, retailing, pricing, wholesaling, purchasing and e-commerce.

BUS 311 Advertising

Spring Semester. 3 semester hours.

Prerequisite: BUS 309

A comprehensive survey of basic principles and practices of advertising. Topics include: planning and advertising campaigns, creating advertisements and developing media plans.

BUS 312 Sales and Sales Management

Fall Semester. 3 semester hours.

Prerequisite: BUS 309

The sales and sales management process as it pertains to the marketing environment. Topics addressed are: the sales process, the steps in the sales process, the internal and external sales environment, recruitment and selection of sales persons, motivation, territory and quota management and design, sales forecasting, compensation, and appraisals. Includes case and group work.

BUS 315 Financial Markets and Institutions

Spring Semester. 3 semester hours.

Prerequisites: BUS 202 and ECO 202.

Introduces financial markets and institutions, including a brief review of the financial system of the United States, emphasizes institutions, instruments and procedures for meeting the demand for funds by business (both short and long term), consumers, federal, state and local governments, considers international finance.

BUS 316 Financial Management I

Fall Semester. 3 semester hours.

Prerequisites: BUS 202 and ECO 202

Financial Management I includes the study of the environment, goals and techniques of financial management; emphasizes both investment and financing decisions and incorporates control techniques important to the economic health of business firms, and hence to the nation and the world. Topics include; the financial manager, the financial environment, accounting and finance, time value of money, valuing bonds, valuing stocks, net present value, discounted cash flow and project analysis.

BUS 317 Financial Management II

Spring Semester. 3 semester hours.

Prerequisite: BUS 316

A continuation of Financial Management I, with emphasis on risk returns, bond and stock evaluation models; financial markets; institutions and interest rates, risk analysis in capital budgeting; a more in-depth look at the use of preferred stock, long term debt and leasing; the investment banking process; dividend policy; stock splits and repurchases, mergers, divestitures, holding companies and LBO'.

BUS 321 Public Relations

Fall Semester. 3 semester hours.

Prerequisite: BUS 309

This course is an overview of the functions, practices and growing application of public relations in private industry and the public sector. Emphasis is placed on planning, writing and management functions, working with the media and developing effective public relations strategies. At the end of this course, students should be capable of performing the following public relations activities: analyzing public relations problems and opportunities, understanding and developing concise and targeted public relations messages, and understanding the terminology and theoretical concepts associated with public relations.

BUS 340 Global Marketing Perspectives

ILT, 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Prerequisite: BUS 309

Marketing Perspectives is a hands-on class that will explore various aspects of marketing including retailing, e-commerce, personal selling and institutional marketing. The Marketing Perspectives class may include a trip so the students can experience different marketing activities firsthand. Please contact the instructor the year before to get information about the trip, its cost and possible fundraising opportunities. This course can be repeated.

BUS 405 Production/Operations Management

Spring Semester. 3 semester hours.

Prerequisites: BUS 300

Examines the concepts, principles and techniques of production and operations management, and focuses on capacity, location, process, product, materials purchasing and scheduling of resources with an integrated systems approach that includes CIM (Computer Integrated Management), JIT (Just In Time) and MRP (Manufacturing Resource Planning).

BUS 406 Human Resources

Fall Semester. 3 semester hours.

Prerequisites: BUS 300

This interactive course is a study in human resources. The overlying theme is that humans can be the greatest resource in any venture. This course will demonstrate that the success of a venture is directly related to its human resources.

BUS 407 Marketing Research

Spring Semester. 3 semester hours.

Prerequisites: BUS 309 and MTH 232

The Marketing Research class includes methods for designing market research studies, methods of collecting data, problem formulation, sampling methods and techniques, data analysis and research reporting.

BUS 408 Organizational Behavior

Fall Semester. 3 semester hours.

Prerequisite: BUS 300

Organizational Behavior includes a study of individual and group behavior in organizational settings and the processes and skills essential for the success of individuals as members of organizations. Also includes a study of the objectives, functions and organization of personnel programs, with a focus on the diverse culture of the workplace.

BUS 409 Auditing

Spring Semester. 3 semester hours.

Prerequisite: BUS 295

This class is an introduction to auditing for students who have not had a significant experience in auditing. Includes a study of Generally Accepted Auditing Standards (GAAS), audit procedures and programs, internal control, evidence gathering, sampling, ethics, materiality and risk, legal liabilities of auditors, attest function, application of the audit process to the major accounting cycles and the four major audit reports; qualified, unqualified, disclaimer and adverse.

Course Descriptions

BUS 412 Small Business Development Seminar

Spring Semester. 3 semester hours.

Prerequisites: BUS 201, 202, 300, 309

This course examines, through the use of case studies, why some businesses are successful while others fail. Guest entrepreneurs will also be invited to speak, and their business ventures analyzed. The goal of this course is to take students through the actual process of initiating a business venture from the conceptualization phase to the preparation of a detailed business plan. Students are required to present the completed plans to the class.

BUS 418 Independent Study

As announced. 1–3 semester hours.

Prerequisite: instructor permission and Academic Performance Committee approval of course outline.

Independent reading and research on special topics.

BUS 484 International Marketing

Spring Semester. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Prerequisite: BUS 309

Focuses on the international marketer's sphere of operations, dwelling particularly on the uncontrollable environment variables in foreign markets and how they affect the task of international marketing management. Emphasis is placed on how the execution of product strategy, promotion strategy and distribution strategy is different from one country to another.

BUS 490 Business Policy and Strategic Management

Fall and Spring Semesters. 3 semester hours.

Satisfies Senior Experience requirement.

Prerequisite: BUS 202, 300, 309, 316 and ECO 202 and senior standing

Business Policy and Strategic Management is a capstone course in solving the problems of advanced general management. The course develops the concepts and techniques of strategic management as well as providing an analytical approach in understanding and dealing with actual business world situations.

Chemistry

Natural and Physical Science Department

CEM 151 General Chemistry I

Fall Semester. 3 semester hours.

Satisfies Natural World Requirement.

Corequisite: CEM 153

Prerequisite: C or better in MTH 109, placement into MTH 150, or completion of two years of high school Algebra.

Students examine the principles of chemistry beginning with the nomenclature, the chemical mole, stoichiometry, reactions and thermochemistry. Students will also study introductory quantum mechanical models of the atom and Lewis structures. In addition to developing problem solving skills in the lecture, the companion laboratory reinforces concepts studied in lecture, and emphasizes the analysis and interpretation of laboratory experiments through writing.

CEM 152 General Chemistry II

Spring Semester. 3 semester hours.

Satisfies Natural World Requirement.

Corequisite: CEM 154

Prerequisite: C or better in CEM 151 and CEM 153

Building on content studied in CEM 151, the course will be a mixture of lecture, independent and group learning activities with an emphasis on problem solving and practice of problem solving skills covering the critical concepts of molecular structure of compounds, molecular forces, equilibria, acid and bases chemistry, solubility and a primer to organic chemistry. This course is more difficult than the first, and even students with a strong high school background in chemistry will largely be unfamiliar with the depth of these topics. The laboratory emphasizes investigations which reinforce concepts studied in lecture, with an emphasis on scientific writing strategies and data analysis.

CEM 153 General Chemistry I Laboratory

Fall Semester. 1 semester hour.

Corequisite: CEM 151

This is the companion laboratory course to General Chemistry I and reinforces concepts studied in lecture. Basic laboratory skills are developed with analysis and interpretation of laboratory experiments emphasized through writing.

CEM 154 General Chemistry II Laboratory

Spring Semester. 1 semester hour.

Corequisite: CEM 152

Prerequisite: C or better in CEM 151 and CEM 153

This is the companion laboratory course to General Chemistry II and reinforces concepts studied in lecture. Laboratory skills are further developed with analysis and interpretation of laboratory experiments emphasized through writing.

CEM 221 Analytical Chemistry

Fall semester, odd years. 3 semester hours.

Corequisite: CEM 222

Prerequisite: C or better in CEM 152 and CEM 154

Methods of expressing and determining concentration and composition information about chemical systems. The importance of chemical equilibria in governing the composition of chemical systems is emphasized. Topics include general equilibria, acid-base equilibria, solubility, reduction-oxidation and electrochemistry.

CEM 222 Analytical Chemistry Laboratory

Fall semester, odd years. 2 semester hours.

Corequisite: CEM 221

Prerequisite: C or better in CEM 152 and CEM 154

This is the companion laboratory course to Analytical Chemistry and emphasizes the collection, analysis and interpretation of quantitative data, using traditional titration and gravimetric techniques.

CEM 231 Organic Chemistry I

Fall Semester. 3 semester hours.

Corequisite: CEM 233

Prerequisite: C or better in CEM 152 and CEM 154

This course introduces the concepts, reactions and mechanisms of the chemistry of carbon. Major topics include nomenclature of saturated and unsaturated compounds, cyclic and acyclic compounds, stereochemistry, functional groups and equilibria.

CEM 232 Organic Chemistry II

Spring Semester. 3 semester hours.

Corequisite: CEM 234

Prerequisite: C or better in CEM 231 and CEM 233

This course is the second half of a two semester sequence designed to introduce the concepts, reactions and mechanisms of the chemistry of carbon. Major topics include aromaticity, spectroscopy and reactions of alkenes, carbonyl compounds, and benzene rings.

CEM 233 Organic Chemistry I Laboratory

Fall Semester. 2 semester hours.

Corequisite: CEM 231

Prerequisite: C or better in CEM 152 and CEM 154

This is the companion laboratory course to Organic Chemistry I and reinforces concepts studied in the classroom. Basic laboratory skills are developed with analysis and interpretation of laboratory experiments emphasized through writing.

CEM 234 Organic Chemistry II Laboratory

Spring Semester. 2 semester hours.

Corequisite: CEM 232

Prerequisite: C or better in CEM 231 and CEM 233

This is the companion laboratory course to Organic Chemistry I and reinforces concepts studied in the classroom. Laboratory skills are further developed with analysis and interpretation of laboratory experiments emphasized through writing.

CEM 301 Inorganic Chemistry

Spring Semester, odd years. 3 semester hours

Prerequisite: C or better in CEM 152 and CEM 154

Review of atomic structure, multi-electron atoms, the periodic table and periodicity, valence bond and molecular orbital approaches to bonding in inorganic molecules; acid-base chemistry; properties of the representative elements; coordination chemistry of the transition elements.

CEM 332 Biochemistry: Biomolecules and Metabolism

As announced. 3 semester hours.

Prerequisite: C or better in CEM 231 and CEM 233

This course offers a detailed examination of biomolecules with an emphasis on amino acids, protein chemistry and enzyme kinetics. Students also explore themes in proteomics through exercises which utilize protein imaging software and databases. Principles in protein chemistry then serve as a reference point for the detailed study of major metabolic pathways such as glycolysis, krebs cycle, ETS, photosynthesis and fatty acid metabolism.

***NOTE:** Cell Biology, Biochemistry: Biomolecules and Metabolism and Biochemistry: Molecular Genetics and Biosyntheses are offered on a rotation basis. Consult with Sciences Department faculty.

CEM 333 Biochemistry: Molecular Genetics and Biosyntheses

As announced. 3 semester hours.

Prerequisite: C or better in CEM 231 and CEM 233

A continuation of the themes of metabolism, catabolism and protein chemistry as it relates to molecular genetics. Major themes include DNA and RNA structure and synthesis, protein synthesis, and functional aspects of genes and their regulation. Students will also examine fatty acid and carbohydrate biosynthetic pathways. Bioinformatics is a unifying principle in a student project centered on a specific genetic disease. Students will work exclusively from primary source materials and present a 10 minute talk and write a major paper on their topic.

CEM 401 Physical Chemistry

Fall semester, even years. 3 semester hours.

Prerequisite: C or better in PHA 201 and PHA 203 and MTH 151

This course aims to provide an understanding of selected aspects of physical chemistry including the kinetic molecular theory of gases, classical thermodynamics and an introduction to chemical kinetics.

Course Descriptions

CEM 418 Independent Study in Chemistry
Fall and Spring Semesters, by request. 1-3 semester hours.
Prerequisite: Instructor Permission and approval of course outline by the Academic Performance Committee.
Independent reading and research of special topics.

CEM 420 Chemical Instrumentation
Spring Semester, even years. 3 semester hours.
Prerequisite: C or better in CEM 221 and 222
Satisfies Senior Experience.
Theory and practice of modern quantitative chemical analysis. Statistics, electronics, electrochemistry, spectrophotometry, and chromatography are discussed. State of the art instrumentation is utilized in the laboratory. The course relies heavily on laboratory work and further development of writing skills.

CEM 431 Molecular Biology Techniques
Spring Semester. 3 semester hours.
Prerequisite: C or better in CEM 332 or 333
Satisfies Senior Experience.
An introduction to the techniques used in modern molecular biology with an emphasis on DNA manipulation. Students explore the historical developments of molecular biology, restriction endonucleases and DNA electrophoresis. In addition, students work on techniques to create and characterize their own recombinant DNA molecule and investigate strategies in PCR and southern hybridization. The course relies heavily on laboratory work and further development of writing skills.

CEM 440 Topics in Chemistry
As announced. 1-3 semester hours.
Prerequisite: instructor permission.
Advanced specialized topics in chemistry and related areas. Topic titles may vary from semester to semester.

CEM 450 Independent Research in Chemistry
Fall and Spring Semesters, by request. 1-3 semester hours.
Prerequisite: departmental approval
An independent research experience that includes preparation of a research proposal.

NOTE: Biochemistry: Biomolecules and Metabolism and Biochemistry: Molecular Genetics and Biosynthesis are offered on a rotating basis. Consult with Natural and Physical Science Department faculty.

Computer Science

Math and Computer Science Department

CS 110 Computer Information Systems
Fall and Spring Semesters. 3 semester hours.
Introduction to computer information systems. Literacy, hardware and software concepts, history, social and ethical issues, elementary systems software and applications software such as word processor, spreadsheet, database, communications and graphics packages. Does not count toward a major or minor in computer science.

CS 116 Web Design and Development
Spring Semester. 3 semester hours.
Students will learn basic HTML scripting, use of Web editors to create various styles of Web pages (single and multi-page sites, on-line forms, CSS, etc.), management of Web sites and use of animated Web programming. CS 116 does not count toward a major or minor in Computer Science.

CS 130 Principles of Computing
Fall Semester. 3 semester hours.
Prerequisite: MTH 109 or concurrent.
Students will learn to identify problems that programs can solve and to learn how to design programs that solve problems. Program design involves a series of smaller skills, including information design, logic design, testing, and documentation. Improved skills in these areas should help with general problem solving even outside the programming paradigm.

CS 140 Computer Science I
Spring Semester. 4 semester hours.
Prerequisite: MTH 150 with "C" or better.
Introduction to algorithm development and structured programming using the C++ programming language. I/O, arithmetic and logic operations, selection and looping structures, subprograms, parameter passing techniques, strings, and one and two dimensional arrays.

CS 150 Competition Programming
Fall and Spring Semesters. 1 semester hour.
Prerequisite: CS 130 with C or better.
Students will learn how to compete successfully in a programming competition, as well as create programming problems from start to finish, and how to plan a programming competition to be executed by the students as the final. Elements of problem design and implementation, and a selection of possible programming environments will also be discussed.

CS 210 Advanced Computer Information Systems

Fall and Spring Semesters. 3 semester hours.

Prerequisite: CS 110 with C or better or equivalent.

Students will gain an advanced level competency in computer hardware, operating systems, and applications software such as word processor, spreadsheet, database, HTML, and presentation programs. CS 210 is designed to progress advanced students towards completion of Microsoft Office Applications Certification (MOS). Users will become familiar with all components of the Microsoft Office Suite. CS 210 does not count toward a major or minor in computer science.

CS 240 Computer Science II

Fall Semester. 4 semester hours.

Prerequisite: CS 140 with C or better.

Continuation of CS 140. Recursion, elementary searching and sorting techniques and intermediate data structures such as records, arrays of records, stacks, queues, linked lists and introduction to binary trees.

CS 270 Software Engineering

Spring Semester, odd years. 3 semester hours.

Prerequisite: CS 240 with a C or better.

Introduction to software engineering as a discipline with an emphasis on design patterns. The course will cover the stages of the software life cycle, requirements analysis, structured and object-oriented analysis and design methods. It also discusses verification/validation, quality assurance, testing methods, maintenance, documentation, project management and team structure.

CS 310 Seminar in Computer Ethics

Fall Semester, even years. 1 semester hour.

Prerequisite: CS 140 with a "C" or better.

Social, legal, and ethical issues in computer science including privacy, piracy and responsibility.

CS 340 Data Structures & Algorithms

Spring Semester, even years. 3 semester hours.

Prerequisite: CS 240 with a "C" or better.

Advanced data structures including doubly linked lists, binary trees, binary search trees, heaps, B-trees, graphs, advanced searching and sorting techniques and elementary algorithm analysis.

CS 350 Database Programming

Fall Semester, even years. 3 semester hours.

Prerequisite: CS 240 with a C or better.

Database design principles, relational data models, query languages and optimizations, transaction processing, recovery techniques. Object-oriented databases, distributed databases. Storage and access methods including indexing, hashing and range accesses.

CS 360 Computer Organization and Architecture

Spring Semester, even years. 4 semester hours.

Prerequisite: CS 240 with "C" or better, or CS 240.

Logic circuits, digital components, data representation, register transfer, micro-operations, organization, design, machine language and micro code.

CS 380 Practicum in Programming Languages

As announced. 1 semester hour.

Prerequisite: CS 240 with a "C" or better or instructor permission.

Examination of a paradigm and/or programming language such as C++, FORTRAN, LISP, Java, SQL, Scheme and Web programming and/or a methodology such as object oriented, functional or scientific programming. May be repeated for credit provided the subject matter is different.

CS 402 Computer Graphics

Spring semester, odd years. 3 semester hours.

Prerequisite: CS 240 with C or better.

Introduction to computer graphics programming including lines, curves, windows, clipping, two and three dimensional transformations, projections and hidden line removal.

CS 408 Introduction to Cognitive Programming

Spring semester, even years. 3 semester hours.

Prerequisite: CS 340 with a C or better or concurrent.

Artificial intelligence, knowledge representation, inference methods, and expert system shells and programming.

CS 410 Introduction to Network Programming

Fall Semester, odd years. 3 semester hours.

Prerequisite: CS 240 with C or better.

Digital communication theory, network structures and components, switching techniques, network functions, layered network architectures, data link protocols, network control, and examples of LAN and WAN networks. Hardware and software support for networking.

CS 412 Operating Systems

Fall Semester, even years. 3 semester hours.

Prerequisite: CS 360 with C or better.

Operating systems principles, including processes, concurrent processes, deadlock, storage, virtual storage, scheduling and distributed computing. Examples from MS-DOS, Windows and UNIX-like operating systems.

CS 416 Systems Programming

As announced. 3 semester hours.

Prerequisite: CS 360 with C or better.

Loaders, linkers, assemblers, interpreters, compilers and real-time programming techniques.

Course Descriptions

CS 418 Independent Study in Computer Science

As announced. 1–3 semester hours.

Prerequisite: CS 240 with a C or better, instructor permission, and approval of course outline by the Academic Performance Committee.

Independent reading and research in the field of Computer Science.

CS 450 Special Topics in Computer Science

As announced. 1–3 semester hours.

Prerequisite: instructor permission

Developed by individual faculty and approved by the department to meet the needs of the instructor's special interest, student interest and/or a rapidly changing curriculum.

CS 470 Advanced Software Engineering

Fall Semester, odd years. 3 semester hours.

Satisfies the Senior Experience Requirement.

Prerequisite: CS 270 with a C or better.

Advanced topics in software engineering and design, including database support and web-based applications.

Criminal Justice

Social Science Department

CJ 111 Corrections, Punishment and Crime

Fall semester, 3 semester hours

A historical overview of American correctional systems with an emphasis on punishment ideologies and their impact on probation, parole, imprisonment, and sentencing objectives.

CJ 110 Introduction to Criminal Justice

Spring/Fall Semester, 3 semester hours

Introduction to Criminal Justice offers the first-year student a foundation to concepts of prevention, social justice, and the origins of crime (U.S. and globally).

CJ 280 Criminal Law & Jurisprudence

Fall Semester, 3 semester hours

Prerequisite: CJ 110 or 111

This course examines the history of criminal law and the elements of crime in our society and in Michigan.

CJ 285 Legal Issues in Corrections

Spring Semester, 3 semester hours

Prerequisite: CJ 110 or 111

Legal Issues provides the student with the basic understanding of legal issues surrounding the role of corrections personnel in the criminal justice field. Liability in the use of force, religious rights, medical care, and communication access are covered in depth.

CJ 290 Criminal Procedures

Spring Semester, 3 semester hours

Prerequisite: CJ 280

Building on the foundation of criminal law, this course provides a legal format of how the processing of crime must occur and the legal ramifications involved in crime control.

CJ 320 Client Relations

Summer on-line, 3 semester hours

Prerequisite: IDS 111 or CJ 110 or 111

Explores the relationship of power, diversity, and discrimination in the professions of criminal justice, social work, counseling and education.

CJ 330 Juvenile Delinquency

Spring Semester, 3 semester hours

Prerequisite: CJ 110 or 111

Violent crime among youth, including an analysis of the influence of socialization, economic conditions and the criminal justice system are addressed.

CJ 340 Police & Community

Spring Semester, 3 semester hours

Prerequisite: CJ 110 or 111

Compares differing systems of relationships between police and the communities they patrol.

CJ 360 Criminal Investigations

Fall Semester, 3 semester hours

This course offers students in the law enforcement track practical experience in writing tickets, police reports and warrants.

CJ 400 Ethical and Moral Issues

Fall Semester, 3 semester hours

Explores moral dilemmas associated with punishment, the death penalty, incarceration and the use of force.

CJ 430 Crime Scene Investigation

Fall Semester, 3 semester hours

Prerequisite: CJ 280 and 290

Crime Scene Investigation provides students with foundations in fingerprinting analysis, the use of forensic science and accident reconstruction.

CJ 440 Defense Tactics/Physical Training

Spring ILT, 3 semester hours

Prerequisite: junior standing and six semester hours of CJ

This course provides hands-on instruction to assist the student in performance of arrest and restraint, and to increase the margin of safety for both the law enforcement officer and the suspect. Physical training is included to prepare the student to pass the MCOLES and MCOTC physical tests.

CJ 470 Criminal Justice Internship
Fall/Spring/Summer Semester, 3-6 semester hours
Prerequisite: junior standing and six semester hours of CJ
 The internship provides the student with practical experience at an assigned location with supervision by criminal justice practitioners.

CJ 490 Senior Seminar in Criminal Justice
Fall and Spring semesters, 3 semester hours
Prerequisite: senior standing in CJ
 This course prepares the student for entry into the criminal justice system as a professional. Interviewing skills and a mock interview are used as learning tools to gain knowledge of the “real world.”

Economics

Business Administration Department

ECO 201 Principles of Microeconomics
Fall and Spring Semesters. 3 semester hours.
 Microeconomics is the study of elementary supply and demand, the production function, individual firm behavior, and institutional effects of government and labor business operations.

ECO 202 Principles of Macroeconomics
Fall and Spring Semesters. 3 semester hours.
 This course examines economics from the aggregates perspective. National, regional and international issues, policies and effects will be explored. Topics include inflation, GDP, unemployment, recessions, growth and development, government strategies such as fiscal and monetary policy, international trade and trading blocks.

ECO 301 Intermediate Microeconomics
Spring Semester. 3 semester hours.
Prerequisites: ECO 201 and 202 and MTH 150, or instructor permission.

Economic theory with emphasis on the theory of consumer behavior, the theory of the firm and factor pricing with emphasis on capital theory.

ECO 302 Intermediate Macroeconomics
Fall and Spring Semesters. 3 semester hours.
Prerequisites: ECO 201 and 202 or instructor permission.
 An examination of macroeconomics theory with particular emphasis on business cycles, economic growth and price instability. The interplay between theory and policy is analyzed.

ECO 315 Studies in Economic Problems: Variable Topics
As announced. 3 semester hours.
Prerequisites: ECO 201 and 202, or instructor permission

Selected area of concern not intensively covered in other courses. The focus of the course will be substantive as well as analytical. Topics may include poverty, the war industry, farm problems, misallocation of resources, welfare programs,

unemployment, health and human services, urban economy, energy and environmental economics, and others. May be repeated for credit with a different topic.

ECO 401 Money, Credit and Banking
Fall Semester. 3 semester hours.
Prerequisite: ECO 201 and 202
 Financial institutions and their role in the determination of interest rates and the volume of money and credit. Topics include commercial banking and the Federal Reserve System and methods and goals of monetary policy.

ECO 490 Managerial Economics
Spring Semester. 3 semester hours.
Prerequisite: ECO 301
Satisfies Senior Experience requirement.

The primary goal of this course is to provide a unifying theme of managerial decision making around the theory of the firm, to introduce an international dimension into managerial economics to reflect the globalization of tastes, production and distribution in today’s world, and to show how managerial decisions are actually made in the real world.

Education

Education Department

ED 201 Foundations of American Education
Fall and Spring Semesters. 2 semester hours.
Satisfies Living in a Diverse World requirement.
Prerequisite: sophomore standing or permission.

Introduction to American education and teaching as a profession. Practical and theoretical foundations on which educational practice rests in the United States. Emphasis on the roles and responsibilities of the classroom teacher. In addition, there is an emphasis on the philosophies of multicultural education.

ED 202 Psychology of Human Development and Learning
Fall and Spring Semesters. 2 semester hours.
Prerequisite: sophomore standing or permission.

Application of the understandings, methods, and research of psychology to teaching and learning situations with an emphasis on the growing and changing nature of human development.

ED 203 Education of the Exceptional Learner
Fall and Spring Semesters. 2 semester hours.
Prerequisite: sophomore standing or permission.

Historical perspective, legislation and litigation, psychological, academic, social and cognitive characteristics associated with specific handicapping conditions, assessment and intervention procedures, special education services and programming, the role of family and community and current issues related to special education.

Course Descriptions

ED 260 Art Education: Foundation, Theory and Practice

Fall and Spring Semesters. 4 semester hours.

Prerequisites: ART 101, ART 105, ART 107, ART 221 or permission of instructor

Theories of the development of art education in the United States including child development stages in relation to art education. Curriculum writing is presented within the framework of Michigan's "Standards for the Preparation of Teachers of Visual Arts Education." Mandatory participation in observing K-12 art classrooms included.

ED 300 Methods of Teaching Reading in the Elementary School

Fall Semester. 3 semester hours.

Prerequisites: ED 201, 202 and 203

Explore differing philosophies of reading instruction with emphasis on the reading process; various approaches to the teaching of reading; instructional strategies and materials appropriate to a developmental reading program; and an analysis of the organization and management of a classroom reading program.

ED 301 Individual Reading Instruction in the Elementary School

Spring Semester. 3 semester hours.

Prerequisites: ED 201, 202, 203 and 300

Recognizing, diagnosing and treating reading problems with emphasis on problems children may encounter when learning to read; an analysis of the strengths and weaknesses of common diagnostic instruments; an introduction to testing terminology and interpretation of test results; and a presentation of approaches, techniques and devices for differentiating instruction to fit individual needs.

ED 302 Methods of Teaching Reading in the Secondary School

Fall Semester. 3 semester hours.

Prerequisites: ED 201, 202 and 203

Strategies for increasing reading comprehension. Emphasis on interactions that occur among the teacher, students and text.

ED 305 Materials and Methods of Health and Physical Education

Spring Semester. 2 semester hours.

Prerequisite: junior standing.

A practical course designed to acquaint the prospective teacher with materials and methods employed in elementary and secondary schools. Instruction in graded games, stunts, rhythmical activities, relays and activities appropriate to various ages. A study of theories of teaching and learning. Attention to curriculum and program construction for elementary grades, junior high school and senior high school.

ED 310 Technology in the Classroom

Fall and Spring Semesters. 2 semester hours.

This course will introduce students to basic technology applications and techniques useful to integrate technology in the classroom. The course will address how to use technology to locate, evaluate and collect information from a variety of sources. Legal, ethical, cultural and societal issues related to technology use will be discussed. The National Teacher Technology Standards along with Michigan Technology Content Standards will provide the framework for understanding and exploration of the use of technology in education.

ED 320 Methods of Teaching Hands-On Math in the Elementary School

Fall Semester. 2 semester hours.

Prerequisite: sophomore standing

Current hands-on methods of teaching mathematics in the elementary school.

ED 322 Methods of Teaching Hands-On Science in the Elementary School

Spring Semester. 2 semester hours.

Prerequisite: sophomore standing

Current hands-on methods of teaching science in the elementary school.

ED 330 Art Education: Integration and Expansion

Fall Semester. 4 semester hours.

Prerequisite: ED 260

Planning, organization and delivery of art content at an advanced level. Content includes cultural relativism, teaching multiculturalism, exploring the integration of other content areas in the art classroom and the four components of Discipline Based Art Education. Michigan and National Standards for Art Education are addressed. Off-campus directed teaching required.

ED 338 Instrumental Music for Vocalists

Fall Semester, odd years. 2 semester hours.

Prerequisite: MUS 344

This course acquaints pre-service vocal music teachers with the skills, methods and curricular sequences of instrumental music education.

ED 344 Elementary Music Methods

Fall Semester, odd years. 2 semester hours.

Teaching music to elementary school students and the benefits of an activity-based instructional format. Includes participation with rhythmic, melodic and chordal instruments.

ED 346 Secondary Vocal Music Methods

Fall Semester, even years. 2 semester hours.

Prerequisite: junior standing or instructor permission

Materials and methods necessary for implementing a choral music program and succeeding in a choral teaching situation.

ED 348 Secondary Instrumental Music for Vocalists

Fall Semester, odd years. 2 semester hours.

Prerequisite: MUS 344

This course examines issues related to the teaching of instrumental music. Special emphasis is given to program goals and curriculum development, instructional planning and materials and techniques designed for teaching musical concepts in the performance class.

ED 360 Art Education: Media, Methodology, Technology and Art Advocacy

Spring Semester. 4 semester hours.

Prerequisite: ED 260

A variety of media, methodology and technology are covered. Issues of professional responsibility such as financing art in a school system, organizing the classroom, student competitions, continuing art education certification and the broader role of the art educator are also addressed. Off-campus field observation and directed teaching included.

ED 365 Methods of Teaching Language Arts

Fall Semester. 2 semester hours.

Prerequisite: junior standing

Practical exercises and theoretical background preparatory to secondary teaching in the language arts, literature, composition, speaking, listening and critical thinking.

ED 366 Speech Methods

Fall Semester. 2 semester hours.

Prerequisite: junior standing

This course will provide the student with the knowledge and skills necessary to teach speech classes K-12. It examines curriculum development, lesson planning and a variety of instructional strategy with special emphasis on the building and directing of a speech program, including extra-curricular speech, debate and drama activities.

ED 375 Business Teaching Methods

Fall semester, 3 semester hours. Prerequisite: junior standing

A study of the methods and teaching techniques of teaching the several disciplines that comprise business, management, marketing and technology studies.

ED 390 Behavior Management

Fall Semester, 3 semester hours.

Prerequisite: junior standing, PSY 312, PSY 315, ED 201, ED 202, and ED 203

Provides students with behavior management practices effective when working with students exhibiting challenging behaviors.

ED 391 Characteristics of Students with Learning Disabilities

Spring Semester, 3 semester hours.

Prerequisites: ED 201, 202, 203.

This course looks at problems and issues specific to the area of learning disabilities. Students can expect to demonstrate understanding of learning problems including: reasoning, thinking, speaking, reading, writing, spelling and mathematics.

ED 395 Methods in Teaching Computer Science

Spring Semester, odd years. 2 semester hours

Prerequisite: junior standing, ED 201, ED 202, ED 203, ED 310

Prospective teachers will learn how to locate educational resources, design age/grade level lessons and units related to appropriate state content standards. Students will demonstrate familiarity with emerging issues in the teaching of computer science in secondary schools. Course requirements will also include structured field experiences and class projects.

ED 393 Methods of Teaching Social Studies

Spring Semester. 2 semester hours.

Prerequisite: junior standing

A study of the methods and techniques of teaching the several disciplines that comprise the social studies area.

ED 394 Methods of Teaching Mathematics

Fall Semester. 2 semester hours.

Prerequisite: junior standing

Classroom management, instructional methods, and the application of learning theory to the development of mathematical abilities. Students will practice planning lessons at the level appropriate to the certification that they are seeking.

ED 396 Methods of Teaching Children with Learning Disabilities

Fall Semester. 3 semester hours.

Prerequisites: ED 201, 202, 203, 210.

This is the first part of a two semester block that provides students with methods to select systems of instruction that will most likely ameliorate the effects of the learning disability. Students will obtain skills necessary to effectively assess instructional outcomes and how to use this data in the formulation of an on-going instructional plan. Field experience is a significant part of this class (25 hrs.)

ED 397 Methods of Teaching Children with Learning Disabilities II

Spring Semester. 3 semester hours.

Prerequisites: ED 201, 202, 203, 210, 396.

This is the second part of a two semester block that provides students with methods to select systems of instruction that will most likely ameliorate the effects of the learning disability. Students will obtain skills necessary to effectively assess instructional outcomes and how to use this data in the formulation of an on-going instructional plan. Field experience is a significant part of this class (30 hrs.)

Course Descriptions

ED 398 **Methods of Teaching Students with Emotional Impairments I**

Fall Semester, 3 semester hours

Prerequisite: junior standing, PSY 312, PSY 315, ED 201, ED 202 and ED 203

Research-based understanding of theory and practice in providing appropriate educational supports and services to students with emotional behavioral disturbances. This is the first of two courses that examine the academic and social-emotional needs of students with emotional or behavioral disorders. These courses combine structured review and discussion of research associated with prevention and intervention programming, teaching strategies and skills within the classroom, the school, and the community, with a reflective approach to learning about these issues.

ED 399 **Methods of Teaching Students with Emotional Impairments II**

Spring Semester, 3 semester hours

Prerequisite: junior standing, PSY 312, PSY 315, ED 390 and ED 398

Research-based understanding of theory and practice in providing appropriate educational supports and services to students with emotional behavioral disturbances. This is the second course that examines the academic and social-emotional needs of students with emotional or behavioral disorders. These courses combine structured review and discussion of research associated with prevention and intervention programming, teaching strategies and skills within the classroom, the school, and the community, with a reflective approach to learning about these issues.

ED 401 **Elementary Methods**

Fall and Spring Semesters. 3 semester hours.

Prerequisite: senior standing, completion of required 200- and 300-level courses, and admission to the Teacher Preparation Program. Taken the semester prior to student teaching.

Methods and techniques of teaching the elementary school curriculum with emphasis on the use of fundamental skills in presenting subject matter.

ED 402 **Secondary Methods**

Fall and Spring Semesters. 3 semester hours.

Prerequisite: senior standing, completion of required 200 and 300-level courses, and admission to the Teacher Preparation Program. Taken the semester prior to student teaching.

Methods and techniques that apply to the general approach of teaching subject matter in the secondary schools.

ED 404 **Evaluation and Assessment of Special Needs Students**

Summer session I, 4 semester hours

Prerequisite: junior standing, PSY 312, PSY 315, ED 390, ED 398 and ED 399

Fundamentals of educational assessment with emphasis on different types of assessment measures and processes involving students with learning, behavioral and affective differences. Evaluation and Assessment of Special Needs Students is a course designed to provide the student knowledge with practices of assessment including standardized and alternative procedures, particularly as they relate to children and adolescents with learning, behavioral and affective differences. Emphasis is given to those types of assessment procedures that more readily involve special education.

ED 405 **Models of Special Education Services and Administration**

Spring semester, 3 semester hours

Prerequisite: junior standing, ED 390, ED 398 and ED 399

Using effective school-based strategies and outside resources to meet the needs of special education students. Includes the legal basis for special education, change theory and collaboration, meeting student needs utilizing programs, services, accommodations, modifications, data collection and outside resources to assist with access to the general curriculum. The focus will also be on the role of the teacher in processes used within the school: MET, IEP, discipline and legal remedies.

ED 406 **Classroom Interventions & Teacher Consultation**

ILT, 2 semester hours

Prerequisite: junior standing, PSY 312, 315, ED 390, 391, 395 and 397

Collaborating with others to employ universal design for learning to provide instruction for all students. ED 406 includes universal design for learning, instructional theory, assisted technology and research-based methodology for lesson planning that accommodates individual differences. Effective collaboration and development of teacher consultation skills is covered.

ED 407 **Observation and Directed Teaching in the Elementary School**

Fall and Spring Semesters. 14 semester hours.

Prerequisite: senior standing, completion of required 200- 300- and 400-level courses, and admission to the Teacher Preparation Program. Complete portfolio.

Participation and classroom teaching under the supervision of a qualified teacher in state approved public or private schools. Opportunities are provided for experiences in all areas of the curriculum for one grade level. Students will participate in a series of seminars held on campus. A Sherman Lake YMCA Outdoor Education Center component to include training and experience is a required part of the course.

ED 408 Observation and Directed Teaching in the Secondary School

Fall and Spring Semesters. 14 semester hours. Satisfies Service Learning. Prerequisite: senior standing, completion of required 200- 300- and 400-level courses, and admission to the Teacher Preparation Program. Complete portfolio.

Participation and classroom teaching under the supervision of a qualified teacher in state approved public or private schools. The student teaches in his or her major and/or minor fields. Subject matter and classroom experiences are planned to meet the needs of the individual student. Students will participate in a series of seminars held on campus. A Sherman Lake YMCA Outdoor Education Center component to include training and experience is a required part of the course.

ED 409 Observation and Directed Instruction For Emotional Impairment

Fall and Spring Semesters, 3 Semester hours. Satisfies Service Learning. Prerequisite: senior standing, ED 398, ED 399, ED 404, ED 405, ED 406 and concurrent with ED 411

Six to eight weeks of participation and classroom teaching under the guidance of a qualified cooperating teacher in a state approved public or private school. Opportunities are provided for teaching experiences in an EI classroom and/or with EI students. You will be expected to student-teach at either elementary, middle or high school. You will also be expected to fully participate on the multidisciplinary evaluation team and in the IEP process. Effective communication skills with parents, professionals and community agencies are also keys to the successful completion of this experience. Students will regularly reflect on what they are learning and will share their reflections at the Teacher Preparation Seminars held on campus. Documentation of the student interning experience will be expected in the form of a Student Intern Exhibit.

ED 411 Seminar For Special Education

Fall and Spring Semesters, 3 Semester hours Prerequisite: senior standing, completed all prerequisites and concurrent with ED 409

Six to eight weeks of participation and classroom teaching under the guidance of a qualified cooperating teacher in a state approved public or private school. Opportunities are provided for teaching experiences in an EI/LD classroom and/or with EI/LD students. You will be expected to student-teach at an elementary, middle or high school. You will also be expected to fully participate on the multidisciplinary evaluation team and in the IEP process. Effective communication skills with parents, professionals and community agencies are also keys to the successful completion of this experience. Students will regularly reflect on what they are learning and will share their reflections at the Teacher Preparation Seminars held on campus. Documentation of the student interning experience will be expected in the form of a Student Intern Exhibit.

ED 418 Independent Study

As announced. 1-3 semester hours.

Prerequisite: Departmental permission and approval of the Academic Performance Committee

Independent research and/or readings on special topics in education.

ED 470 Initial Portfolio Seminar

2 semester hours.

In the initial Portfolio Seminar, students will develop a comprehensive set of case study materials about their classrooms. In class, students will develop assessment rubrics to guide analysis of their portfolio materials. Using peer review, and in consultation with their coaches and course faculty, each student will use the assessment rubrics to analyze their own portfolios and develop an individualized development plan to be carried out in ED 471.

ED 471 IDP

1 semester hour.

Students will carry out their IDP developed in ED 420. Participants in the courses will spend at least 15 additional hours in professional development activities such as workshops, in services, seminars or additional classes, working with coaches, administrators and course faculty.

ED 575 Strengthening Applications of Quality Lesson Design

3 semester hours.

Students will write a philosophy of teaching, work on one IDP goal, and strengthen their ability to use quality lesson design to improve their teaching. Through individualized professional development options with accompanying reflections, applications in the classroom, and peer review, they will improve competence in their selected goal. In class, students will strengthen and apply their knowledge of quality lesson design as they teach each other what they have learned about that goal. Students can expect to participate in an additional 24 hours of professional development options outside of class as prerequisite to completion of the course.

ED 576 Collaborating for Accountability

3 semester hours.

Students work on a second IDP goal. In class students continue the process of collecting and analyzing data for their working portfolio with specific attention to the role of peer support and coaching as they assess in-depth both their own teaching and student learning. Peer support and coaching will increase not only their comprehension but also their options for applying what the information suggests about their teaching and learning. Students can expect to participate in an additional 30 hours of professional development options outside of class as prerequisite to completion of the course.

Course Descriptions

ED 577 Selecting and Organizing Artifacts for the Portfolio

3 semester hours.

Students work on a third IDP goal. In class, students will build the criteria for the final selection of artifacts and create a template for organizing an exemplary professional portfolio. Application of metacognitive processes will professionalize their ability to assess the status of their development as educators. Students can expect to participate in an additional 30 hours of professional development options outside of class as prerequisite to completion of the course.

ED 578 Polishing the Professional Portfolio and Planning the Action Research Project

3 semester hours.

Students will identify the IDP goal that will serve as the basis for their final project (ED 590) and solicit volunteers to serve on their faculty advisory committee. They will review and refine their comprehension of the action research process, select a topic for their project, and under the guidance of their committee construct a proposal and action plan for how they will complete the research for that project. Final products from this course will include, 1) completion of their professional portfolio, and 2) design of their final research project. Students can expect to participate in an additional 15 hours of professional development options outside of class that are directly related to their action research as prerequisite to completion of the course.

ED 580 Building Learning Communities

3 semester hours.

Provides investigation on topics including cooperative learning, teaming, and constructing learning communities within the classroom, school, community and with parents.

ED 581 Creating Responsive Classrooms

3 semester hours.

Designed to help teachers create an environment that is conducive to teaching and learning for all students. Explores individualizing instruction, classroom and instructional management, and inclusion.

ED 582 Reflective Teaching in Practice

3 semester hours.

A course designed to help classroom teachers review, reconstruct, reenact, and critically analyze their own and their students' performances. Topics may include instructional alignment, instructional delivery, assessment, and increasing academic achievement.

ED 583 Classrooms for the Future

3 semester hours.

Explores the use of instructional technology in the classroom. Includes topics such as information literacy, living with the information explosion, restructuring, reform and school improvement for the future.

ED 584 Content Knowledge and Student Learning

3 semester hours.

A course designed to provide breadth and depth of understanding in content and curriculum of educational programs and how they relate to student achievement. Special topics may include constructivist classrooms, thematic instruction, as well as the learning process and its application in a variety of setting with students of diverse cultural, ethnic, racial, linguistic, and socioeconomic backgrounds.

ED 585 Assessing Student Learning

3 semester hours.

An exploration of a variety of instructional assessment measures. Traditional norm referenced testing, as well as alternative assessment (performances, portfolios and products) will be discussed. Special attention is devoted to the construction of classroom assessments that add to the information provided by traditional testing.

ED 590 Final Project/Action Research

3 semester hours.

The Final Project/Action Research is completed on an independent study basis with periodic seminars scheduled to share progress on student plans. Arrangements are made for presentation of final projects and portfolios to MAT students and others.

English

Humanities Department

ENG 145 Introduction to Creative Writing

Fall Semester. 3 semester hours.

Satisfies Creative Experience Requirement

Guided assignments for beginning writers in drama, fiction and poetry. Features stressed are plot, point of view and imagery. Creative Experience courses offer hands-on experience—students are actively engaged in the creative process.

ENG 201 Texts and Culture

Fall and Spring Semesters. 3 semester hours.

Satisfies Global Diversity: Cross Cultural Requirement

Through readings in various genres, this course introduces students to some of the most critical issues surrounding the idea of culture. At the center of contemporary culture, for instance, is the idea that we have arrived at a historical situation where we can no longer think of society's concerns using the same vocabulary of 10 years ago. What is the place of the literary in this debate? To what extent are representations of the social in novels, plays and poems responsible for the kind of persons we have come to be facing the new millennium? This is a course that, from beginning to end, fosters critique and critical understanding.

**ENG 202 Cultural Theories of Representation:
American Literature I**

Fall Semester. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World Requirement

This course explores the various literary creations of the “myths” behind American literature. It questions, explores, and eventually may demystify the historical and political reasons behind such creations.

**ENG 203 Theories of Form:
Early British Literature**

Fall Semester. 3 semester hours.

The course introduces students to the relationship between the literary and the form through which it has been recorded and through which it represents its themes and concerns. It is a highly historically oriented course insofar as it perceives the form as continually changing.

**ENG 204 Defining Literary Thinking:
Early British Literature**

Fall Semester. 3 semester hours.

This course aims to introduce students to the chief terms in the practice of literary studies. The course addresses the question of how and why we read literature, not by providing an answer to the course title but by considering the historical and cultural implications of reading. The course introduces students to the purpose and function of literary criticism as well as to an understanding of how we are everywhere interpreting, with special emphasis on Romantic, Victorian and Modernist texts.

**ENG 205 Reading and Interpretation:
American Literature II**

Spring Semester. 3 semester hours.

This course covers basic reading in literary theory, the relationship between critical theory and literature, and the principles of evaluation, appreciation and understanding. American texts from the mid 19th-century to the present will serve as a point of departure for critical analysis.

ENG 240 Argumentative Writing

Fall and Spring Semesters. 3 semester hours.

The course introduces students to basics of argumentative writing, helping them to analyze various claims of a given topic and to develop ways of exploring and defending positions, ideas and beliefs in writing. The course pays careful attention to the process of reasoning, the testing of assumptions and claims, the questioning of beliefs, and the discovery of ideas and evidence through analysis and rigorous articulation in writing. The course will also deal with basics of style, formal features of argument, and revision as integral to precision in making points and developing argumentative ideas both for purposes of individual reflection as well as for the purposes of persuading an audience.

ENG 245 Fiction Writing I

Spring Semester. 3 semester hours.

Satisfies Creative Experience Requirement.

Writing short stories, from the basics to the finer points. In-class exercises, guided assignments and free projects. Creative Experience courses offer hands on experience—students are actively engaged in the creative process.

ENG 247 Poetry Writing I

ILT. 3 semester hours.

Satisfies Creative Experience Requirement.

Writing poetry of many types. Workshop setting with sharing students’ works; attention to the poetic process. Creative Experience courses offer hands-on experience—students are actively engaged in the creative process.

ENG 251 Travel Writing

ILT, even years. 3 semester hours.

Satisfies Creative Experience requirement.

Satisfies Living in a Diverse World requirement.

A travel-based, experiential course, studying various forms of travel writing with an emphasis on the writing process. In-class exercises, workshops, guided assignments, projects and presentations. Note: travel required for the course may involve expenses additional to course tuition.

**ENG 301 Transgressions and Transformations in 19th
Century Thought**

As announced. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission

When most people think of a particular century, they think of its most sweeping movements. But often those arose out of authors’ discontents with the particular conventions of those same movements. Much of 19th century thought arises because authors perceived current ideas as too limiting, too frustrating, too conservative. This course examines the conventions governing such thought. But it also looks at some of the criticism of the period, which may have helped (or not) create the conventions the authors sometimes opposed.

**ENG 302 Transgressions and Transformations in 20th
Century and Contemporary Thought**

As announced. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission

When most people think of a particular century, they think of its most sweeping movements. But often those arose out of authors’ discontents with the particular conventions of those same movements. Much of 20th century thought arises because authors perceived current ideas as too limiting, too frustrating, too conservative. This course examines the conventions governing such thought. But it also looks at some of the criticism of the period, which may have helped (or not) create the conventions the authors sometimes opposed.

Course Descriptions

ENG 303 International Literatures

Spring Semester. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission
Satisfies Global Diversity: Living in a Diverse World Requirement.

Appreciation of the rich tradition of international literature and understanding the culture in which a literature has emerged. Awareness of the impact and contribution of international literature to world society.

ENG 345 Fiction Writing II

As announced. 3 semester hours.

Satisfies Creative Experience requirement.

Prerequisites: ENG 245

Writing short stories, from the basics to the finer points. In-class exercises, guided assignments and free projects. Creative Experience courses offer hands-on experience—students are actively engaged in the creative process.

ENG 347 Poetry Writing II

As announced. 3 semester hours.

Satisfies Creative Experience requirement.

Prerequisites: ENG 247

Writing poetry of many types. Workshop setting with sharing students' works; attention to the poetic process. Creative Experience courses offer hands-on experience—students are actively engaged in the creative process.

ENG 350 Children's and Adolescent Literature

Fall Semester. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission

A study of important texts from literature for children with attention to the use of literature in elementary and secondary teaching.

ENG 401 The Eyes/I's of Society: Ethnicities

Spring Semester. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission

Many writers of different ethnic roots have created images of the individual's relationship to his/her community. Indeed, much of the work of writers from various ethnic groups, be they Asian-American, Native American, Latino, African American or others, grapples with the issue of identity, whether self-identity or social and political identities within society. This course will speculate on the following questions: How do these writers determine who we are, that is, how do they come to define their, and by extension, our sense of "self"? How do they distinguish between the many communities to which we all belong (our genders, families,

racess, religions and ethnic backgrounds)? What effects do these memberships have on their/our lives? In discussing these works, we will examine the way writers work within forms that often blur the distinction between reality and fiction, between genres (are we dealing with an autobiography or a social document, a history, a memoir, or a novel?). We will also explore the dynamics of that blurring and the social implications for society as a whole, for the academic disciplines, and for the "imagined community" that makes up our nation.

ENG 402 Philosophical Literature

As announced. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission

This course explores key interpretations between philosophy and literature. How is the literary a primary form of knowing about the self and about subjectivity? Or is this a statement that belongs only to philosophy? What are literary critics to do with primarily philosophical texts, like those of Derrida and Foucault, but also with authors such as Whitman or Blake? Or is it, as postmodernism would like it, that there are in fact no boundaries among disciplines, just texts? The course explores these and other philosophical-literary issues.

ENG 404 Studies in Literary Topics

As announced. 3 semester hours.

Prerequisites: ENG 240 and two of the following; ENG 202, 203, 204 or 205 or instructor permission

The exploration of a literary topic ordinarily outside the scope of more traditional courses in literature. Topics might include such subgenres of literature as the detective novel or science fiction, or literary trends of current interest. Topics will change every semester.

ENG 445 Fiction Writing III

As announced. 3 semester hours.

Satisfies Creative Experience requirement.

Prerequisites: ENG 345

Writing short stories, from the basics to the finer points. In-class exercises, guided assignments and free projects.

ENG 447 Poetry Writing III

As announced. 3 semester hours.

Satisfies Creative Experience requirement.

Prerequisite: ENG 347

Writing poetry of many types. Workshop setting with sharing students' works, attention to the poetic process. Creative Experience courses offer hands on experience—students are actively engaged in the creative process.

Financial Planning

Business Administration Department

FP 200 Fundamentals of Financial Planning

Fall Semester. 3 semester hours.

This course provides an overview of the financial planning process, including communication techniques, ethics, risk tolerance, time-value-of-money concepts, financial planning applications, regulatory issues, and the legal and economic environment for financial planning. The student will gain an understanding of the role and responsibilities of a financial planner along with some analytical skills to aid in financial decision-making. This course will also help students prepare for the HS 300 national exam administered by the American College.

FP 323 Life Insurance

Fall Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, IRM 221, FP 200, MTH 232 and BUS 212 recommended.

This course describes how to determine an individual's needs for economic security, the techniques to provide for those needs and life insurance company operations and regulation. Techniques to be studied will include life insurance and annuities. This course will also help students prepare for the HS 323 national examination administered by the American College.

FP 324 Insurance Code – LH License

Fall Semester. 1 semester hour.

Prerequisites: 3.0 or better GPA, IRM 221 and FP 323.

This course examines The Michigan Insurance Code as it relates to the general provision of insurance regulation and laws pertaining to life and health insurance. Topics include a review of statutes on licensing, unfair trade practices, and insurers' authority to write business in the State of Michigan, and the Michigan Guarantee Fund. This course will also help students prepare for the State of Michigan Life and Health Insurance Agents Licensing Examination.

FP 328 Investments (HS 328)

Fall Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, FP 200.

Covers various aspects of the principles of investments and their application to financial planning. Discusses risk analysis and risk and return computations. Looks at stocks, bonds, investment companies, options and futures contracts. Includes an extended discussion of tax issues in investing, as well as issues in the practice of portfolio management, including strategic and tactical asset allocation. Provides many examples of ethical and practical issues in managing a client's portfolio. This course will also help students prepare for the HS 328 national exam administered by the American College.

FP 350 Prospecting & Meeting Client Needs (FA 200 & 202)

Spring Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, FP 200, FP 323 and IRM 221.

This course offers an introduction to the life insurance sales career and the sales/planning process in the personal market. This course also examines industry proven methods for successfully identifying, selecting, and approaching prospects for financial products and services. The course will conclude with a simulated client presentation judged by professional financial planners. This course will also help students prepare for the FA 200 and FA 202 national exams administered by the American College.

FP 351 Health and Long-Term Care Financing (HS 351)

Spring Semester. 2 semester hours.

Prerequisites: 3.0 or better GPA and FP 200.

This course provides a thorough analysis of the alternatives available for senior clients to finance medical and long-term care, including private resources, government programs and private insurance. Emphasizes the need for care, the settings in which health care services are provided and the types of resources available to finance them. This course will also help students prepare for the HS 351 national exam administered by the American College.

FP 421 Income Taxation

Fall Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, FP 200.

This course examines the federal income tax system with particular reference to the taxation of individuals. Covers such items as items of gross income, exclusions from gross income, deductions, tax credits, capital gains and losses, taxation of life insurance and annuities, income taxation of partners, partnerships, corporations, and shareholders. This course will also help students prepare for the HS 321 national exam administered by the American College.

FP 425 Employee Benefits

Spring Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, FP 200 and IRM 221.

This course analyzes group insurance benefits including the governmental environment, contract provisions, marketing, underwriting, rate making, plan design, cost containment and alternative funding methods. Covers the various private programs related to the economic problems of death, old age and disability. Discusses cafeteria plans. This course will also help students prepare for the HS 325 national exam administered by the American College.

Course Descriptions

FP 426 Planning for Retirement

Spring Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, FP 200.

This course focuses on retirement planning for the business, the business owner, and the individual. Covers qualified plans, nonqualified plans, and IRAs; the second part deals with retirement needs for individual clients. Emphasizes the practical knowledge needed for choosing the best retirement plan and designing a plan that will meet a client's needs. Discusses personal retirement planning and retirement distribution planning. This course will also help students prepare for the HS 326 national exam administered by the American College.

FP 430 Fundamentals of Estate Planning

Spring Semester. 3 semester hours.

Prerequisites: 3.0 or better GPA, FP 200.

This course covers various aspects of estate and gift tax planning, including the nature, valuation, transfer, administration, and taxation of property. Provides a basic understanding of the estate and gift tax system, including strategies of estate planning. Discusses gratuitous transfers of property outright or with trusts, wills, and powers of appointment; use of the marital deduction; valuation of assets; and buy-sell agreements. Covers the client interview, fact-finding, ethical standards and development of personal estate plans. This course will also help students prepare for the HS 330 national exam administered by the American College.

French

Introductory French courses - see World Languages

FRN 201 Intermediate French

Fall Semester. 4 semester hours.

Prerequisite: FRN 101 and 102

Comprehensive review of first year French, introducing more complex vocabulary and structures. The approach integrates culture, literature and grammar while emphasizing written and oral skills. The course includes an introduction to reading longer texts and writing longer essays.

FRN 202 Intermediate French

Spring Semester. 4 semester hours.

Prerequisite: FRN 201

A continuation of FRN 201. The approach continues to integrate more complex grammar and vocabulary with conversational and reading skills. The introduction to longer texts is continued with emphasis divided between literature and contemporary writings. A term project is required.

FRN 420 Independent Study in French (Readings)

Fall and Spring Semesters. 1-6 semester hours.

Prerequisite: FRN 202

The student has the opportunity and responsibility for setting up a program of coordinated and selected readings with faculty members. A written proposal must be submitted by the student.

FRN 450 Special Topics in French

As announced. 1-3 semester hours.

Prerequisite: Permission of instructor

Course developed by individual instructor and/or students.

Geography

Social Science Department

GEO 201 Introduction to Physical Geography

Spring Semester. 3 semester hours.

Satisfies Social and Cultural Requirement.

Basic knowledge of the earth in relation to the physical environment. Climate, soil, solar energy, atmospheric pressure systems, weathering, glacial systems and coastal landforms.

GEO 202 North American Geography: United States and Canada

Fall Semester. 3 semester hours.

Satisfies Social and Cultural Requirement.

Recommended prerequisite: GEO 201

An overview and in-depth study of the United States and Canada.

GEO 203 European Geography

Spring Semester. 3 semester hours.

Recommended prerequisite: GEO 201

A physical and cultural overview of modern day Europe. Environmental, political, social and economic patterns and how they are influenced by the physical environment. National and regional profiles are also covered.

Health/Wellness

Health, Physical Education, Recreation and Sport Department

HWL 200 Wellness and the Health Fitness Professional

Spring Semester. 2 semester hours.

Lifestyle assessments, cardiovascular risk factors and lifestyle choices. Emphasis on behavior and relationships, principles of wellness, prevention and treatment of diseases/accidents/suicide and environmental health issues.

HWL 215 Human Sexuality

Intensive Learning Term. 3 semester hours.

Biological, behavioral, psychological and cultural dimensions of sexuality. Special attention is given to the implementation and instruction of human sexual education in the school setting.

HWL 240 Basic Athletic Training

Fall Semester. 3 semester hours.

Prerequisite: PE 107 and BIO 260

For students pursuing careers in athletic training, sports medicine and physical therapy. The responsibilities of an athletic trainer, health care liability and basic components of an athletic training program. Basic concepts of sports injury recognition, management, and rehabilitation as well as issues in nutrition, drugs and professionalism.

HWL 250 Nutrition

Fall and Spring Semesters. 3 semester hours.

Identification, function and food sources of required nutrients. Mechanisms through which nutrients meet biological needs of humans. Applications of principles of normal nutrition to special issues (e.g. physical performance, obesity, pathology).

HWL 252 Substance Use and Abuse

Fall Semester and ILT. 3 semester hours.

Physiological and pharmacological study of chemical substance effects on the human body, with emphasis on the common lifestyle drugs such as alcohol, nicotine, tranquilizers, and those used to enhance physical performance.

HWL 255 Women, Health and Sports

As announced. 2 semester hours.

Personal health, health practices and attitudes, and sports as related to the female. Focus on the unique physiology and anatomy of women, as well as health care utilization and advocacy. Topics include consumer health awareness, health practices, aging, stress, cancer, drugs, mental health and sexuality.

HWL 260 Human Anatomy

Fall and Spring Semesters. 3 semester hours.

Prerequisite: SCI 102, BIO 111 or BIO 105

Major systems of the body and their functions. Course work involves the use of charts, models and slides, but no dissection.

HWL 300 Organization and Administration in Athletic Training

As announced. 3 semester hours.

Insight into the organization and administrative issues of the athletic training. Topics include job placement, facility design and management, public relations and legal issues as they pertain to athletic training and the sports medicine setting.

HWL 307 Community Health

Spring Semester. 3 semester hours.

Prerequisites: PE 106, HWL 250

Designed to cover general health content. Topics include health care, mental health stress, healthy needs of individuals in community settings, communicable diseases and cancer, aging and death, consumer health, and current health and non-health conditions affecting the US and world communities.

HWL 308 Administration and Methods in Health Education

Fall Semester. 3 semester hours.

Prerequisite: junior status

Develop methodology, management, administrative and instructional skills needed to plan and implement a health education program within a school system.

HWL 353 Stress Management

Spring Semester. 2 semester hours.

Stress, sources of stress, the manner in which various psychological systems are involved and affected by stress, diseases that are associated with stress, and a variety of intervention strategies. Includes preventative health behaviors and behavior modification.

HWL 354 Wellness Program Management

Fall Semester. 3 semester hours.

Management of facilities and personnel, program development, budget preparation and application of public relations techniques.

HWL 355 Rehabilitation Techniques

As announced. 4 semester hours.

Prerequisites: PE 107, BIO 206, BIO 307, HWL 240, HWL 241. NOTE: C average or better required in prerequisites, could be taken concurrently

Introduction to therapeutic exercise as it relates to the prevention and rehabilitation of athletic injuries. Lecture and laboratory exercises will involve selecting, developing and implementing appropriate rehabilitation programs for sports related injuries.

HWL 400 Therapeutic Modalities

As announced. 4 semester hours.

Prerequisites: PE 107, BIO 206, BIO 307, HWL 240, HWL 241 with C average.

Modalities available in helping nature heal injuries; theory and practice as to dosage, time and frequency of different modalities.

History

Social Science Department

HST 104 Crisis and Change in History

Spring Semester. 3 semester hours.

Wars and revolutions as major catalysts for change. Topics include the revolutions in Russia, China, Vietnam, Cuba, Nicaragua and Iran, as well as the impact of war on youth.

HST 201 History of the United States I

Fall Semester. 3 semester hours.

American history: founding of the colonies through the period of Reconstruction.

Course Descriptions

HST 202 History of the United States II
Spring Semester. 3 semester hours.
Continuation of HST 201. American history: 1877 to present.

HST 210 World History: Prehistory to 1500
Fall semester 3 semester hours
A course designed to familiarize students with the multi-faceted nature of world history from Prehistory to 1500.

HST 211 World History: 1500 to Present
Spring Semester. 3 semester hours
A course designed to familiarize students with the multi-faceted nature of world history from 1500 to the present.

HST 220 Michigan History
Spring Semester, odd years. 3 semester hours.
Political, social and cultural history of Michigan from Aboriginal peoples of the area to the present.

HST 301 Sectionalism and Reform (1815-1856)
Fall Semester, even years. 3 semester hours.
Prerequisite: HST 201 or instructor permission.
A study of the Jacksonian Era, emphasizing the reform movements, slavery, expansion and sectionalism.

HST 302 Civil War and Reconstruction
Spring Semester, odd years. 3 semester hours.
Prerequisite: HST 201 or instructor permission
The administrations of Buchanan, Lincoln, Johnson and Grant with regard to secession, Civil War and reunion.

HST 303 Colonial America
Fall Semester, odd years. 3 semester hours.
Prerequisite: HST 201 or instructor permission
The English Empire in North America, the interaction of cultures, and the development of the United States of America. Emphasis on the American Revolution.

HST 304 America in the 20th Century
Spring Semester, even years. 3 semester hours.
Prerequisite: HST 202 or instructor permission
Changes in government, society and the economy since the end of World War I.

HST 305 American Constitutional History
Fall Semester, odd years. 3 semester hours.
Prerequisite: three hours of American history or government.
American constitutional development with emphasis on the 20th century.

HST 316 Modern Russia
Fall Semester, even years. 3 semester hours.
Prerequisite: sophomore standing
From the Romanovs through to the Bolshevik Revolution, the emergence of the Soviet Union as a world power, and the breakup of the Soviet Union.

HST 317 American Foreign Policy in the 20th Century
Fall Semester, odd years. 3 semester hours.
Prerequisite: HST 202 or instructor permission
Emergence of the U.S. as a world power from 1898 to the present.

HST 318 Nazism and the Holocaust
Spring Semester, even years. 3 semester hours.
Prerequisite: sophomore standing
Origins and roots of the Nazi movement, complexities of Hitler's character, German anti-Semitism. The historical legacy of the Holocaust.

HST 319 The Modern Middle East
Fall Semester, odd years. 3 semester hours.
Prerequisite: sophomore standing
The Middle East from the 19th century to present. Islam and Islamic civilization, the impact of European control, independence movements of the early 20th century, Egyptian and Iranian Revolutions and the Arab-Israeli dispute.

HST 327 19th Century American West
Spring Semester, odd years. 3 semester hours.
Recommended prerequisite: HST 202
Trans-Mississippi West in the 19th century and the problems of settling a frontier. Native Americans, mountain men, miners, outlaws, law officers, the military and methods of transportation and communication.

HST 341 American Women I
Fall Semester, odd years. 3 semester hours.
Gender through American political, social and cultural history. American women from Pre-Colombian America to 1865. Native American women and the women of various immigrant groups.

HST 342 American Women II
Spring Semester, even years. 3 semester hours.
Gender through American political, social and cultural history. American women from 1865 to present. African-American women and the women of various immigrant groups.

HST 350 Medieval History
Fall Semester, even years. 3 semester hours.
Political, social and economic changes from 450 to 1500.

HST 418 Independent Study
As announced. 1-3 semester hours.
Independent reading and research of special topics.

HST 421 Senior Seminar
Fall Semester. 3 semester hours.
Prerequisite: senior standing or instructor permission
Research methods and directed individual research.

HST 422 Readings in History

As announced. 3 semester hours.

Prerequisite: instructor permission

In-depth selected topics in American and European history.

Insurance & Risk Management

Business Administration Department

IRM 221 Principles of Insurance & Risk Management

Fall and Spring Semesters. 3 semester hours.

Prerequisites: none; BUS 212 recommended

This course satisfies the Living in a Diverse World requirement.

An introduction to the concept of risk, the process of risk management, and the field of insurance, including fundamental doctrines, historical background, social value, economic influence, loss exposures and protection, insurance regulation, insurance carriers, reinsurance, marketing, underwriting and claims adjusting. This course includes examination of the Michigan Essential Insurance Act and how this law addresses the social responsibility of the insurance business and its attempt to address social injustice. This course will also help students prepare for the INS 21 national examination administered by the Insurance Institute of America.

IRM 322 Personal Insurance

Fall Semester. 3 semester hours.

Prerequisites: IRM 221; BUS 212 recommended

Designed to cover policy provisions and concepts common to various personal multiple-line property, casualty, life and health contracts. This course will also help students prepare for the INS 22 national examination administered by the Insurance Institute of America.

IRM 323 Commercial Insurance

Spring Semester. 3 semester hours.

Prerequisites: IRM 221; BUS 212 recommended

Designed to cover policy provisions, and concepts common to various commercial multiple-line property and casualty contracts. This course will also help students prepare for the INS 23 national examination administered by the Insurance Institute of America.

IRM 324 PC Insurance Statutes & Service

Spring Semester. 3 semester hours.

Prerequisites: IRM 221

This course examines The Michigan Insurance Code as it relates to the general provision of insurance regulation and laws pertaining to property and casualty insurance. Topics include a review of statutes on licensing, unfair trade practices, and insurers' authority to write business in the State of Michigan, the Essential Insurance Act, no-fault, workers compensation, the residual market in Michigan

and the Michigan Guarantee Fund. This course also provides the foundations of customer service for the property and casualty insurance agency business. This course will also help students prepare for State of Michigan Property-Casualty Agents Licensing Examination.

IRM 330 Ethics and Presentations

Spring Semester. 3 semester hours.

Prerequisites: IRM 221, junior standing or instructor approval; THR 203 (Public Speaking) recommended.

This course satisfies the Service Learning requirement.

This course explores the ethical philosophies found in the world of business, including an examination of corporate social responsibility. Interactive group learning with a major emphasis on oral presentation is designed to enhance skills in critical thinking and professional business communication. Concrete dilemmas invite participants to reflect on their own moral values and analyze them in a safe environment. The course culminates in presentations to groups outside of the Olivet College community.

IRM 350 Negotiation & Persuasive Presentations

Fall Semester. 3 Semester hours.

Prerequisite: IRM 323.

An examination of negotiating techniques, construction of a persuasive argument, assembly of information to support positions and proposals, use of spreadsheets and presentation software to create professional documents and presentations to support positions and proposals, such as the development of a new product or the sale of new insurance coverage to a risk manager or new exposure to an insurance/reinsurance underwriter.

IRM 418 Independent Study

1 to 3 semester hours.

Prerequisite: instructor permission and Academic Performance Committee approval of course outline

Offered as announced. Independent readings and research on special topics.

IRM 454 Risk Management

Fall Semester. 3 semester hours.

Prerequisites: IRM 221, IRM 323, BUS 316, BUS 317 and MTH 232

Satisfies the Senior Experience requirement.

This course examines the process of risk management for a private firm in-depth using many of the concepts and tools studied in other insurance courses. Topics include the identification and analysis of loss exposures; examination of alternatives to traditional insurance; the use of forecasting, cash flow analysis and information systems in the risk management process. This course will incorporate the use of case studies and a risk management simulation "game" exercise. This course will also help students prepare for the ARM 54 national examination administered by the Insurance Institute of America.

Course Descriptions

IRM 482 Studies in Insurance & Risk Management: Variable Topics

As announced. 3 semester hours.

Prerequisites: IRM 221, 322 and 323 and have senior standing or permission

An examination of selected areas of concern or interest not intensively covered in other courses. The focus will be substantive as well as analytical. Topics may include such areas as further investigation into reinsurance, claims, commercial underwriting, surplus lines insurance, employee benefits, estate planning, ethics, financial analysis and management of insurance companies, risk management alternatives – financing or control, international risk management, or any other insurance topics where there is student interest or business community need. May be repeated for credit with a different topic.

IRM 483 Agency Operations

Fall Semester. 3 semester hours.

Prerequisite: IRM 221

Satisfies the Senior Experience requirement.

This course is designed to cover the operational management of an insurance agency. It examines all aspects of management such as personnel, sales and marketing. Further topics are agency image, legal and ethical practices. This course will also help students prepare for the AAI 83 national examination administered by the Insurance Institute of America.

IRM 490 Strategic Management of Insurance Enterprise

Spring Semester. 3 semester hours.

Prerequisites: IRM 221 and MTH 232; IRM 322 and 323 recommended.

This course examines the strategic management of an insurance company with a focus on financial management, U.S. regulation and an overview of operations in a global marketplace – including consideration of differences in culture, language, regulations, laws and political risks. The core operations of marketing, underwriting, reinsurance, ratemaking and claims adjusting are studied. This course will incorporate the use of an insurance company financial management simulation “game” exercise. This course will also help students prepare for the CPCU 520 national examination administered by the American Institute for Chartered Property Casualty Underwriters.

Interdisciplinary Studies

Interdisciplinary Studies (IDS)

IDS 109 Foundations of Writing I

Fall and Spring Semester. 3 semester hours.

A course that assists in developing effective written communication and critical reading skills. The focus is on enhancing grammar and mechanics skills and building awareness of techniques for developing paragraphs in various styles to accomplish specific communication goals. Essay development is also introduced.

IDS 110 Foundations of Writing II

Fall and Spring Semester. 3 semester hours.

Prerequisite: placement or a grade of C or better in IDS 109.

A course that assists in developing effective written communication and critical reading skills. The focus is on enhancing grammar and mechanics skills and building awareness of techniques for developing paragraphs and essays in various styles for the accomplishment of specific communication goals.

IDS 111 Writing and Rhetoric I

Fall Semester. 3 semester hours.

Grammar, reading, writing and reasoning. In addition to these communication skills, both values-clarification and self-awareness are explored. To qualify for admission to Writing and Rhetoric, students must demonstrate a command of the most basic reading and writing techniques.

IDS 112 Writing and Rhetoric II

Fall and Spring Semesters. 3 semester hours.

Prerequisite: IDS 111 with “C” or better

Grammar, reading, writing and reasoning. In addition to these communication skills, both values-clarification and self-awareness are explored. To qualify for admission to Writing and Rhetoric, students must demonstrate a command of the most basic reading and writing techniques.

IDS 151 Self and Community

Fall and Spring Semesters. 3 semester hours.

A micro-community in the exploration of diverse points of view through small and large group dialogue. Through multiple pedagogues such as oral communication, writing, reading, listening and thinking, students will explore local and global connectors between individual and social responsibility in the context of “who am I?” and “who am I in the community?”

IDS 211 Civilization Studies

Fall and Spring Semesters. 3 semester hours.

Training in research and geography with the study of major ideals, events and personalities from recorded history. The examination of social institutions is designed to enhance student skills in political analysis and critical thinking.

IDS 251 Nature, Technology and Humanity

Fall, Spring and Summer Semesters. 3 semester hours.

Prerequisite: C or better in IDS 112.

A thematic look at the relationship among nature, technology and our everyday lives. Topics explored include contemporary health and environmental issues from a personal, local and global viewpoint. Emphasis is on critical analysis of information and application of knowledge to solutions for real world problems.

IDS 390 Cooperative Education

Fall and Spring Semesters, ILLT and Summer.

1–15 semester hours.

Prerequisite: completed 30 semester hours with a 2.25 or higher cumulative GPA. Students must arrange this experience with the appropriate department chairperson before registering for this course.

An optional academic experience integrating classroom theory with practical work experience. Participating students are employed off-campus with businesses/organizations related to their career choice, or in an on-campus experience while completing their undergraduate course work.

IDS 499 Seminar

Fall and Spring Semesters. 1 semester hour.

Students are required to take the seminar every semester they are enrolled at Olivet College. Each program or major has its own seminar and students must take the seminar of the major they have declared. Seminars meet every Wednesday of the semester and during that time academic advising, portfolio development, program support and community building take place.

Journalism and Mass Communication

Humanities Department

JMC 101 Introduction to Mass Communication

Fall Semester. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World Requirement.

Overview of mass communication roles in global society, exploring books, newspapers, magazines, radio, television, film and new technologies. Emphasis on media literacy, impact and ethics.

JMC 200 Basic Reporting

Spring Semester. 3 semester hours.

Prerequisite: IDS 111 or instructor permission.

Observing, reporting and writing under deadline. Story types and structures, research, writing styles and interviewing, in addition to media law and ethics.

JMC 201 Group Processes

Fall Semester. odd years, 3 semester hours.

Satisfies Service Learning requirement.

Prerequisite: THR 105.

Techniques of small group decision-making. Dealing with communication issues as well as management and conflict resolution.

JMC 205 Broadcast Production

Spring Semester. 3 semester hours.

Prerequisite: JMC 101.

Introduction to radio, television, Web and film broadcast production techniques and equipment. Text and lab work.

JMC 210 Basic Reporting II

Fall Semester. 3 semester hours.

Prerequisites: IDS 111, Basic Reporting, C or better in Basic Reporting.

A continuation of Basic Reporting I, advancing professional writing skills in print and all other media, including beat reporting and investigative/critical thinking skills.

JMC 215 Broadcast Announcing

Fall and Spring Semesters, odd years. 3 semester hours.

Introduction to public speaking and broadcast announcing techniques as well as broadcast equipment. Includes interviewing, writing and speaking on microphone and camera. Text and lab work.

JMC 230 Broadcast Writing

Fall Semester, odd years. 3 semester hours.

Prerequisite: JMC 200.

Developing skills involved in writing for professional broadcast venues, including radio, television, film and Web, incorporating research-gathering techniques, project coordination, deadlines and presentation. Text and lab work.

JMC 240 Photography and Visual Communication

Spring Semester, even years. 3 semester hours.

Satisfies Creative Experience requirement

Planning, taking, processing and editing photographs and visuals for mass communication. Includes the impact of photo and visual selection and layout as well as ethical decisions facing visual communicators in print, video and Web. Students must provide materials and have access to a manual 35 mm and a digital camera.

JMC 290 Practicum in Mass Communication

Fall and Spring Semesters. 1–6 semester hours.

Prerequisite: Instructor permission.

Guided practical on-campus experience in mass communication production. No more than six semester hours will count toward graduation for Journalism/Mass Communication majors. Graded.

JMC 300 Applied Journalism/Mass Communication

Fall and Spring Semesters. 3 semester hours.

Prerequisites: JMC 101, 200 or 290.

Supervised work on any one or more of the four student media and other on-campus media opportunities. Student and instructor develop a job description and evaluation tools. Work will be primarily done “on-site” vs. in a traditional classroom setting.

JMC 302 Interpersonal Communication

Spring Semester, even years. 3 semester hours.

Prerequisite: THR 105 or instructor permission.

Verbal and nonverbal communication between individuals at the cultural, sociological and psychological levels.

Course Descriptions

JMC 304 Advocacy and Persuasion

*Spring Semester, even years. 3 semester hours.
Prerequisite: THR 105 or instructor permission.*

A practical exploration of the theories and techniques of persuasive communication both in speaking and writing as it pertains to mass communication and other professional fields.

JMC 305 Publication Design

*Fall Semester, even years. 3 semester hours.
Satisfies Service Learning, Creative Experience requirements.
Prerequisite: JMC 200 or 290.*

Readings, discussions and practice in publication design, in print and online publications. Conceiving and executing finished layouts and graphics. Appropriate software exploration. ART 311 may substitute for this course.

JMC 310 Editing

*Fall Semester, odd years. 3 semester hours.
Prerequisite: JMC 200 or instructor permission.*

Critiquing and editing copy for print and broadcast. Focusing on accuracy (fact-checking), grammar and layout.

JMC 390 Internship

*Fall, Spring and Summer Semesters. 3–15 semester hours.
Prerequisite: JMC 101 or chairperson permission.*

Professional experience with any appropriate communications-oriented organization. Proposed and initiated by student with approval from faculty adviser, department chair and prospective employer. Pass or Fail grade.

JMC 400 Mass Communication Theory

*Spring Semester, odd years. 3 semester hours.
Prerequisites: JMC 101, 200 and 300 or instructor permission. Satisfies Global Diversity: Living in a Diverse World requirement.*

JMC 400 is the study and analysis of theories and processes of mass communication. Lectures, research, presentations and projects will assist in learning how we communicate, motivate and advocate within our own society and within other cultures through mass media. Learn, analyze and test current theories and practices and apply that knowledge to prospective careers and endeavors.

JMC 418 Independent Study

*As announced. 3 semester hours.
Prerequisites: JMC 101, 200 and 300, and instructor permission.*

Independent reading and research on some aspect of mass communication culminating in an individual project. Under the guidance of a journalism/mass communication instructor.

JMC 421 Mass Communication Law and Ethics

*Spring Semester, even years. 3 semester hours.
Prerequisites: JMC 101, 200 and 300 or instructor permission.*

Lecture and research into mass communication law and ethics with emphasis on libel, privacy, free press, copyright, broadcast and advertising regulation, court systems, access and obscenity, as well as ethical standards of practices and mass media.

JMC 450 Special Topics in Media

*As announced. 3 semester hours.
Prerequisite: JMC 101, 200 and 300, or instructor permission.*

Courses developed by individual faculty members in order to: a) serve a specific student's needs; b) meet unforeseen or one-time curriculum, industry or college needs; or c) make use of an extraordinary staffing opportunity. Topics will be announced in advance of course registration.

Master of Business Administration in Insurance

Business Administration Department

MBA 800 Insurance & Risk Management

3 semester hours.

An introduction to the concept of risk, the process of risk management, and the field of insurance, including fundamental doctrines, historical background, social value, economic influence, loss exposures and protection, insurance regulation, insurance carriers, and overview of insurance operations such as reinsurance, marketing, underwriting, and claims adjusting.

MBA 802 Personal Financial Planning

3 semester hours.

This course examines individual and family financial planning, including needs analysis, wealth accumulation, and retirement planning. Needs include basic personal lines property-liability insurance, individual life, health and disability insurance.

MBA 803 Global Insurance & Risk Management

3 semester hours. Prerequisite: MBA 800.

The study of the major challenges and cross functional issues facing managers in insurance and risk management businesses with activities and interests around the world.

MBA 808 Management & Organizational Behavior

3 semester hours.

The principles of management and administrative theory are learned in case study and lecture formats. Students understand issues involved with managing large organizations. They also develop an appreciation for other management and organizational issues including planning, human behavior, organizational structure, interpersonal skills, and related topics.

MBA 809 Strategic Marketing

3 semester hours.

The study of strategic marketing decisions and the tools to make more informed decisions. A focus on the management of risk and allocation of scarce company resources in the search for a competitive advantage in the marketplace.

MBA 810 Managerial Economics

3 semester hours.

A study of the effects of fiscal and monetary policies on economic performance; how to interpret both domestic and international economic indicators; an emphasis on issues of demand and supply, and various forms of equilibrium conditions; the relationship between market structure and firm performance; and issues relating to transaction costs, managerial incentive conflicts, and the economic value of information.

MBA 811 Corporate Accounting

3 semester hours.

Use of accounting data as a management tool and how to evaluate financial statements; issues of profit planning and budgeting, and working capital management; application of the capital asset and option pricing models to corporate financial decisions; how risk determines the required rate of return. Students make value maximizing capital budgeting decisions under uncertainty

MBA 812 Business & Insurance Law

3 semester hours.

A study of the legal framework for business decision making, principles of general business law, contracts and agency, application to insurance and risk management, historical legal development in the insurance industry.

MBA 820 Quantitative Analysis and Decision Making for Management

3 semester hours.

The study of the application of quantitative tools to analyze data using a variety of software including spreadsheets, and specialized statistical and simulation packages, to conduct and present applied business research and evaluate the quality of research of others.

MBA 821 Advanced Spreadsheets & Databases

3 semester hours.

The study of advanced spreadsheet and database functions. Functions include: advanced queries, custom forms, custom reports and graphs, relationships, macros, application code in visual basic, database management, multiple worksheets, scenarios and data table management. Prerequisite: a Basic Spreadsheets and Database course.

MBA 828 Managing a Diverse Workforce

3 semester hours. Prerequisite: MBA 800.

Examines the research and practical implementation of current diversity issues, from management, psychological and legal perspectives. Includes a survey of US laws, heightens the awareness of diversity issues, and studies management approaches to leveraging diversity in the workplace.

MBA 830 Ethics & Leadership

3 semester hours. Prerequisite: MBA 800.

An exploration of the ethical philosophies found in the world of business, including an examination of corporate social responsibility. Interactive group learning is designed to enhance skills in critical thinking. Concrete dilemmas invite participants to reflect on their own moral values and analyze them in a safe environment.

MBA 835 Property-Casualty Insurance Contracts

3 semester hours. Prerequisite: MBA 800, 812.

The examination and analysis of common property-casualty insurance contracts, underwriting considerations, and application to loss scenarios.

MBA 840 Financial Management of Property Casualty Insurers

3 semester hours. Prerequisite: MBA 800, 811.

The application of theories and methodologies they have acquired in financial management of the specific needs of property-casualty insurance companies. Students analyze insurer financial statements, learn how to use financial data to evaluate the performance of property-casualty insurance companies; construct strategies designed to avoid insolvency, ensure adequate reserving, and meeting the future capital needs of the insurance company.

MBA 844 Reinsurance Principles & Practices

3 semester hours. Prerequisite: MBA 800.

An introduction to reinsurance, and an examination of the types of reinsurance and reinsurance program design, reinsurance placement process, common reinsurance treaty clauses, quota share treaties, surplus share treaties, property per risk excess of loss treaties, casualty excess of loss treaties, catastrophe reinsurance, aggregate excess of loss treaties, reinsurance audits, reinsurance regulation, reinsurance aspects of the NAIC annual statement, and reserves.

MBA 853 Employee Benefits

3 semester hours. Prerequisite: MBA 800.

An in-depth study of employee benefit plans such as group insurance and pensions with special consideration given to financing and current issues.

Course Descriptions

MBA 854 Risk Assessment

3 semester hours. Prerequisite: MBA 800.

The examination the process of risk management for a private firm, in-depth, with a focus on the identification and analysis of loss exposures, examination of alternatives to traditional insurance, and the use of forecasting and cash flow analysis to make the risk management decision.

MBA 855 Risk Control

3 semester hours. Prerequisite: MBA 854.

A study of the framework of risk control, Crisis Management Planning, controlling fire losses, protecting the health potential of personnel, safer & more productive workplaces, rehabilitation management, controlling losses, motivating & monitoring risk control activities, and system safety.

MBA 856 Risk Financing

3 semester hours. Prerequisite: MBA 854.

A study of insurance as a risk financing technique, excess & umbrella liability, reinsurance & risk financing, captives, self-insurance, retrospectively rated plans, finite & integrated risk insurance plans, and capital market products.

MBA 863 Surplus Lines Insurance Operations

3 semester hours. Prerequisite: MBA 800.

The examination of the fundamentals of surplus lines insurance operations, insurance regulation, surplus lines insurance marketing, new product and program development, underwriting, ratemaking, claims functions, reinsurance, financial analysis of insurers and intermediaries, and insurance cycles and the surplus lines market.

MBA 882 Variable Topics

3 semester hours.

The examination of selected areas of concern or interest not intensively covered in other courses. The focus will be substantive as well as analytical. Topics may include such areas as further investigation into reinsurance, claims, commercial underwriting, surplus lines insurance, employee benefits, estate planning, ethics, financial analysis and management of insurance companies, risk management alternatives – financing or control, international risk management, or any other insurance topics where there is student interest in or business community need. May be repeated for credit with a different topic.

MBA 890 Strategic Management of Property Casualty Insurers

3 semester hours.

An integrative course in strategic planning and setting of policies, using concepts and skill developed in earlier courses. Taken in the last semester of the student's program.

Mathematics

Math and Computer Science Department

MTH 100 Basic Mathematics

*Fall and Spring Semesters. 3 semester hours. Prerequisite: placement evaluation. *This course does not satisfy the mathematics proficiency requirement.*

Fractions, percents, decimals, radicals and geometry. Introduction to algebra, rules of exponents, solutions of linear and quadratic equations, graphing, polynomial multiplication and division, rational expressions and systems of equations.

MTH 109 College Algebra

*Fall and Spring Semesters. 4 semester hours. Prerequisite: placement exam. *This course does not satisfy the mathematics proficiency requirement.*

Linear and quadratic equations, rational expressions, graphing, polynomial multiplication and division, radicals, and systems of equations, composite and inverse functions, exponentials and logarithms and complex numbers.

MTH 120 The Nature of Mathematics

Fall and Spring Semesters. 4 semester hours.

Number theory, combinatorics, probability, statistics, geometry, mathematics history and mathematical modeling.

MTH 150 Precalculus

Fall and Spring Semesters. 4 semester hours.

Prerequisite: MTH 109 with C or better or placement evaluation, or completion of two years of high school algebra.

Trigonometry, matrix operations, the binomial and rational root theorems, synthetic division and proofs by induction.

MTH 151 Calculus I

Fall and Spring Semesters. 4 semester hours.

Prerequisite: MTH 150 with C or better or placement evaluation.

Limit theory, differentiation, curve sketching, maxim and minima, related rates, definite and indefinite integrals and area and volume applications.

MTH 152 Calculus II

Fall and Spring Semesters. 4 semester hours.

Prerequisite: MTH 151 with C or better or instructor permission

Transcendental and hyperbolic functions, sequences and series, techniques of integration and polar coordinates.

MTH 232 Statistics

Fall and Spring Semesters. 4 semester hours.

Prerequisite: Completion of two years of high school algebra.

Statistics and probability. Including measures of central tendency and dispersion, normal and binomial probability distributions, hypothesis testing, confidence intervals, correlation, regression and nonparametric tests. Statistical software introduction.

MTH 241 Probability

Spring Semester, even years. 3 semester hours.

Prerequisites: MTH 151 with C or better or instructor permission.

Sample spaces, counting techniques, random variables, discrete and continuous probability distributions, expectation and conditional probability.

MTH 242 Discrete Mathematics

Spring Semester, odd years. 3 semester hours.

Prerequisite: MTH 150 with C or better.

Discrete and combinatorial mathematics including: sets and relations, symbolic logic and Boolean algebra, graphs, digraphs, trees and its applications and finite state machines.

MTH 253 Calculus III

Fall Semester. 4 semester hours.

Prerequisite: MTH 152 with C or better or instructor permission

Vector analysis, partial differentiation, multiple integration, Green's Theorem and an introduction to differential equations.

MTH 315 Geometry

Fall Semester, 3 semester hours.

Prerequisite: sophomore standing, MTH 151 with C or better, or instructor permission

Euclidean and non-Euclidean geometry, rigid motion in the plane and modern topics such as fractals.

MTH 320 Linear Algebra

Spring Semester, even years. 3 semester hours.

Prerequisite: MTH 152 with C or better.

Matrix algebra and its applications, determinants, vector spaces, linear transformations, orthogonality and eigenvalues.

MTH 354 Differential Equations

Spring Semester, odd years. 3 semester hours.

Prerequisite: MTH 253 with C or better.

First order equations, linear second order equations, series solutions, systems of differential equations, higher order linear equations, numerical methods, applications, the Laplace Transform and an introduction to partial differential equations.

MTH 402 Complex Analysis

Spring Semester, odd years. 3 semester hours.

Prerequisite: MTH 253 with C or better.

Complex functions, series representation, analytic and harmonic functions, complex differentiation and integration, residue theory and conformal mapping.

MTH 404 Math History

As announced. 2 semester hours.

Prerequisite: sophomore standing, MTH 151 or instructor permission

History, development and significance of mathematical ideas.

MTH 405 Advanced Calculus

Spring Semester, even years. 3 semester hours.

Prerequisite: junior or senior standing, MTH 253 with C or better, or instructor permission

A rigorous topological approach to differential and integral calculus including Bolzano-Weierstrass and Heine-Borel Theorems, continuity, uniform continuity, and convergence and uniform convergence of series and functions.

MTH 418 Independent Study in Math

As announced. 1-3 semester hours.

Prerequisite: instructor permission and approval of course outline by the Academic Performance Committee

Independent reading and research of special topics.

MTH 421 Seminar in Mathematics

As announced. 1-4 semester hours.

Prerequisite: instructor permission

Research in varied areas of mathematics.

MTH 430 Abstract Algebra

Fall Semester, odd years. 3 semester hours.

Prerequisite: junior or senior standing, MTH 152 and 242 with "C" or better.

Introduction to groups, rings, fields, congruence classes and unique factorization of polynomials.

Music

Performing Arts Department

MUS 111 Theory I

Fall Semester. 3 semester hours.

Theory I is an introductory class to the technical elements of music. Basic elements of pitch, rhythm, melody, harmony and musical structure are explored in this class. This class will focus on the fundamental aspects of major and minor key signatures, simple triads and seventh chords, voice leading and basics of functional harmony.

MUS 112 Theory II

Spring Semester. 3 semester hours.

Prerequisites: MUS 111 and 113

All the elements of rhythm, melody, harmony and structure are studied in this class. This class will also explore aspects of harmonic progressions, seventh chords, modulations, secondary dominants and basic musical forms.

MUS 113 Aural Skills I

Fall Semester. 1 semester hour.

Corequisite: MUS 111

This is an introductory course in the skills of sight singing and dictation, concentration upon simple diatonic melodies within the octave and basic rhythmic structures.

Course Descriptions

MUS 114 Aural Skills II

Spring Semester. 1 semester hour.

Co-requisite: MUS 112.

Prerequisites of MUS 111 and MUS 113.

Students will further develop their sight singing and dictation skills. Emphasis is given to minor keys and more complex rhythmic structures.

MUS 118/218/318/418 Private Lessons

Fall and Spring Semesters. 1 semester hour.

Prerequisite: audition for the Music Program and acceptance into the college

The student will take private lessons in his/her major instrument, voice or musical composition.

MUS 120 Music and Culture

Fall and Spring semesters. 3 semester hours. Satisfies

Global Diversity: Cross-Cultural requirement.

This course is a survey and analysis of global music that will examine the various aspects of music and culture in both western and non-western music, and in art music as well as selected popular culture music and folk music idioms. It will also include an investigation of musical terminology, the structure of music and the various instruments.

MUS 141 Piano Class I

Fall Semester. 1 semester hour.

This class will focus on principles and techniques of classical, folk and popular piano. This course is open to all students.

MUS 142 Piano Class II

Spring Semester. 1 semester hour.

Prerequisite: MUS 141 and instructor permission

This class will focus on advanced principles and techniques of classical, folk and popular piano.

MUS 143 Instrumental Methods

Fall Semester. 2 semester hours.

This course is an introductory class to the basic techniques of teaching the four orchestral stringed instruments. This class will emphasize development of basic performance skills and group rehearsal techniques.

MUS 144 Woodwinds Methods

Fall semester. 2 semester hours.

This is an introductory class to the basic techniques of teaching woodwind and brass instruments. This class will emphasize development of basic performance skills and group rehearsal techniques.

MUS 145 Instrumental Methods

Fall Semester. 2 semester hours.

This is an introductory class to the basic techniques of teaching percussion instruments. This class will emphasize development of basic performance skills and group rehearsal techniques.

MUS 150/250/350/450 Olivet College Choir

Fall and Spring Semesters. 1 semester hour. Satisfies

Creative Experience requirement.

This choir is open to all students, faculty, staff and community members. This ensemble performs music of all historical periods and styles and performs throughout the academic year both on- and off-campus. The ability to read music is not mandatory, but basic singing ability is necessary.

MUS 151/251/351/451 Olivet College Chamber Singers

Fall and Spring semesters. 1 semester hour. Satisfies the

Creative Experience requirement.

Members of the Chamber Singers perform traditional music for chamber choirs as well as explore rarely performed music that requires a high level of technical and musical proficiency. The Chamber Singers perform at on- and off- campus events. This course is open to all students. Enrollment is subject to audition.

MUS 152/252/352/452 Olivet College Women's Chorale

Fall and Spring Semesters. 1 semester hour.

Prerequisite: audition required. Satisfies Creative Experience requirement.

Open to all women in the Olivet College community. This ensemble performs music of all historical periods and styles throughout the academic year both on and off campus. The ability to read music is not mandatory, but basic singing ability is necessary, and experience in this type of ensemble is preferred.

MUS 156 Vocal Pedagogy I

As announced. 1 semester hour.

Students will learn proper singing techniques and basic pedagogical methods of singing and teaching singing.

MUS 157 Diction and Repertoire Class

As announced. 2 semester hours.

This course will address the many intricacies and idiosyncrasies of the pronunciation of major European languages including Italian, German and French, as well as Latin. Students will become acquainted with the IPA system to help them learn foreign language pronunciation on their own. In addition, students will investigate the musical repertoire unique to their own voice as well as those of others.

MUS 160/260/360/460 Olivet College Wind Ensemble

Fall and Spring Semesters. 1 semester hour.

Prerequisite: audition required. Satisfies Creative Experience requirement.

The Olivet College Concert Band is an ensemble that offers wind players the opportunity to perform traditional band repertoire. This class is open to all students. Audition is necessary for seat placement.

MUS 161/261/361/461 Olivet College Chamber Ensembles

Fall and Spring Semesters. 1 semester hour. Satisfies Creative Experience requirement. Audition required.

The Olivet College Chamber Ensemble offers students and community members the opportunity to perform chamber music with a wide variety of instruments. Students will develop skills of balance, leadership, control and independence. This course will demand practice outside of class meetings. Enrollment is subject to audition.

MUS 163/263/363/463 Olivet College Athletic Band

Fall and Spring Semesters. 1 semester hour.

This group is made up of students and community members who desire to represent the college at gatherings, such as parades and sporting events, through music. This group will perform a wide variety of music, and work on marching routines and formations. There is an audition for placement.

MUS 164/264/364/464 Olivet College Drum Line

Fall and Spring Semesters. 1 semester hour.

This percussion group performs a wide variety of music written for drum line, and will represent the college at various gatherings, such as sporting events. Enrollment is subject to audition.

MUS 165/265/365/465 Olivet College Jazz Group

Fall and Spring Semesters. 1 semester hour. Satisfies Creative Experience requirement.

Members of the Olivet College Jazz Group will explore the various styles and stages of development of jazz. It will focus on development of improvisation and jazz performance techniques. This course is open to all students and community members, and enrollment is subject to audition.

MUS 166/266/366/466 Opera and Musical Scenes Practicum

Fall and Spring Semesters (as announced). 1 semester hour. Prerequisite: audition required.

In this course students will learn, rehearse and perform scenes from opera, operetta and musical theatre in fully staged performances. Students will also be responsible for costuming, sets, props and working together as the stage crew. There will be public performances.

MUS 211 Theory III

Fall Semester. 3 semester hours.

Prerequisites: MUS 112 and MUS 114

This class will focus on chromatic harmony, altered chords, advanced secondary harmony, modal mixture and simple musical forms, as well as set theory and atonal music.

MUS 212 Theory IV

Spring Semester. 3 semester hours.

Prerequisites: MUS 211 and MUS 213

This class will explore aspects of advanced composition and analyses techniques with an introduction to Set Theory, and other methods of contemporary music theory analyses. Elements of musical form will also be addressed.

MUS 213 Aural Skills III

Fall Semester. 1 semester hour.

Co-requisite: MUS 211.

Prerequisite: MUS 112 and 114

Students will focus in the perception of rhythmic, melodic and harmonic changes, through sight singing and aural dictation. Emphasis is given to modulation to related keys and syncopation.

MUS 214 Aural Skills IV

Spring Semester. 1 semester hour.

Co-requisite: MUS 212.

Prerequisite: MUS 211 and 213

Students will focus in perception of rhythmic, melodic, harmonic changes, through sight singing and aural dictation. Emphasis is given to mode, advanced modulations and complex rhythmic structures.

MUS 244 Women in the Arts

Spring Semester, even years. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Women in the Arts explores the role of women in various artistic fields, with particular emphasis placed on the performing arts of music, dance, and drama. Historical and contemporary personalities will be examined in terms of their contributions, and the evolution of roles will be addressed in terms of socio- cultural changes.

MUS 221 Comprehensive Music History I

Fall semester. 3 Semester hours.

Prerequisite: MUS 112

This course will focus on music and literature from the Middle Ages and Renaissance through 1600. There is a strong emphasis on reading, listening, musical analysis, research and critical writing.

MUS 222 Comprehensive Music History II

Spring Semester. 3 semester hours.

Prerequisite: MUS 112

This course will focus on music and literature from the Baroque and Classical periods. There is a strong emphasis on reading, listening, musical analysis, research and critical writing.

Course Descriptions

MUS 231 Introduction to Music and Computers

Spring Semester. 3 semester hours.

This course introduces students to the role of computers in the discipline of music. Topics include basic IBM and Macintosh personal computer skills, a thorough exploration of MIDI, music sequencing software, music publishing software and orchestration with electronic/digital instruments. Software to be examined may include, but is not limited to score, finale, performer and master tracks pro. Students will be required to spend time in the computer lab working on individual and group projects for presentation to the class and for a final public performance.

MUS 232 Recording Engineering Techniques

Fall and Spring Semesters. 3 semester hours.

Prerequisite: MTEC 120 from Lansing Community College

This course covers the basics of audio theory and production techniques. Included are microphone selection and use, analog and digital audio formats, analog and digital audio editing, interconnection and signal flow, loudspeakers and audio mixing. This class provides the foundational theory for the other classes in the audio series.

MUS 233 Recording Engineering Techniques

Fall and Spring Semesters. 3 semester hours.

Prerequisite: MTEC 121 from Lansing Community College

This is a basic course in audio recording that covers the basic principles of multi-track recording, both studio and remote. Emphasis is placed on microphone selection and placement, use of mixing consoles and multi-track recorders for the recording session.

MUS 244 Brass Methods

Spring Semester. 2 semester hours.

Prerequisite: MUS 144

This class will explore techniques of teaching brass instruments. This class will emphasize development of performance skills and development of small and large group rehearsal techniques.

MUS 256 Vocal Pedagogy II

As announced. 2 semester hours.

Prerequisite: MUS 156

This is a continuation of MUS 156, in which students will work in small groups and individually in simulated voice studio teaching with colleagues and voice faculty members. There will also be an opportunity for students to work with a conductor of one of the choral ensembles to warm-up and practice teaching proper singing techniques.

MUS 311 Form and Analysis

Spring Semester. 3 semester hours.

Prerequisite: MUS 212 or permission of the instructor

This course is an introduction to the analysis of musical form, beginning with structural elements and proceeding to the analysis of classical forms, from simple song forms to smaller compound forms such as Minuet and Rondo. Other more advanced forms to be examined include: Sonata Form, Theme and Variations and Fugue.

MUS 312 Introduction to Composition and Orchestration

Spring Semester. 3 semester hours.

Prerequisite: MUS 212 or permission of the instructor

An introduction to composition, students will be exposed to phrase structure, review aspects of harmony, counterpoint, and form in a variety of idioms through the composition of exercises and short compositions. Students will be required to compose musical works demonstrating a variety of techniques and skills. Principles of orchestration and instrumentation along with techniques in musical arrangements will be examined.

MUS 321 Comprehensive Music History III

Fall Semester. 3 semester hours. Alternating with MUS 221

Prerequisite: MUS 112

This class will focus upon music and literature from the Romantic era (19th century) through the present day. There is a strong emphasis on reading, listening, score analysis, research and critical writing.

MUS 322 Comprehensive Music History IV

Spring Semester. 3 semester hours. Alternating with MUS 222

Prerequisite: MUS 112. Satisfies Global Diversity: Living in a Diverse World requirement.

This class will focus on ethnomusicology: music of the world's people. Course will concentrate on non-western art music as well as various folk music idioms. There is a strong emphasis on reading, listening, score analysis, research and critical writing.

MUS 355 Sacred Music: History and Styles

As announced. 3 semester hours.

Prerequisite: MUS 112

This course is an investigation of sacred music traditions and styles with global, cultural and interdenominational perspectives. It will explore other important aspects, such as liturgy, religious rites and other elements of music in public worship. Elements of world chant traditions, ethnicity, popular and contemporary musical styles, and technology in sacred music will be investigated.

MUS 356 Techniques in Sacred Music

As announced. 2 semester hours.

Prerequisite: MUS 112

This course will investigate techniques and skills for the practice of sacred music, including: principles of conducting, effective organization and administration of quality programs, appraisal of pertinent resources, planning public worship services, and fundamentals of recruiting, marketing and budgeting. Repertoires and training methods for various vocal and instrumental ensembles and soloist/cantors will also be addressed.

MUS 367 Conducting I

Fall Semester. 2 semester hours.

Prerequisite: MUS 212 or permission of the instructor

This is an introductory class to basic elements of the techniques of conducting. The class will focus on basic conducting patterns, cueing, score reading, terminology, basic rehearsal techniques and stage presence. When appropriate, students will work in front of either a choral ensemble or instrumental ensemble at the college.

MUS 368 Conducting II

Spring Semester. 2 semester hours.

Prerequisite: MUS 212 or permission of the instructor

This is the continuation of MUS 367. The class will focus in the vocal and instrumental applications of the conducting techniques. Elements of balance, transposition, orchestration, interpretation and leadership are explored in this class. The students will be able to work directly with the college vocal and instrumental ensembles to practice their technique in actual rehearsal and performance situations.

MUS 480 Special Topics in Music History and Literature

As announced. 3 semester hours.

Prerequisite: MUS 212 or permission of the instructor

This provides an in-depth discussion of unique and timely issues in music history and literature, such as women in music, gender in music, music in the popular culture, the works of an individual composer (Bach, Beethoven, Richard Wagner, etc.), or of a specific genre (opera, symphony, American musical theatre).

MUS 497 Senior Experience

Spring Semester. 3 semester hours.

This course will help the student in preparation for and performance of a Senior Recital or a Senior Music Project approved by the faculty and Music Program Director.

MUS 498 Music Honors Course

Fall Semester. 3 semester hours.

This course is one in the sequence of two courses that students will take in the departmental honors program. It is designed by the individual student in conjunction with his/her faculty advisor in an advanced area of study.

MUS 499 Music Honors Course

Spring Semester. 3 semester hours.

This is the second course in the sequence of two courses that students will take in the departmental honors program. It is designed by the individual student in conjunction with his/her faculty advisor in an advanced area of study. Meeting times with the faculty instructor/advisor will be arranged at a time convenient to both student and faculty. There is paperwork to be filed by the student for this course.

Philosophy

Humanities Department

PHL 101 Introduction to Philosophy

Fall semester. 3 semester hours.

A study of the meaning, scope and history of philosophy from ancient to modern times. The major problems with which philosophy has concerned itself are surveyed, including such questions as: What is knowledge? How is truth established? What is the mind? Are ethics relative? Are human beings free?

PHL 102 Introduction to Ethics

Spring semester. 3 semester hours.

Discusses questions about right, virtue and happiness, including the question, "why be moral?" The work of contemporary philosophers will be examined along with the work of great philosophers of the Western tradition, including Plato, Aristotle, Aquinas, Hume, Kant and Mill. The course will also serve as an introduction to various religious approaches to ethics.

PHL 201 Western Philosophical Tradition: Ancient and Medieval Philosophy

As announced. 3 semester hours.

The study of philosophy through analysis of the writings and ideas of the earliest Western philosophers through those of the Middle Ages. Works to be examined include those of pre-Socratic philosophers, Plato/Socrates, and Aristotle, followed by the early medieval writing of Augustine and others. The works of the transitional philosophers of the thirteenth and fourteenth centuries, including John Duns Scotus, William of Ockham and Thomas Aquinas, will be examined as foundational for early modern philosophy.

PHL 202 Western Philosophical Tradition: Topics in Modern Philosophy

As announced. 3 semester hours.

An investigation of selected philosophical topics, such as ethics, metaphysics and political philosophy, based on readings and discussions of the writings of selected philosophers.

Physical Education

Health, Physical Education, Recreation and Sport Department

PE 101 Personal Fitness

Fall and Spring Semesters. 1 semester hour.

The practical knowledge of, and means by which to attain and assess, their desired level of cardiovascular fitness, body composition, flexibility, muscular endurance and muscular strength.

PE 102 Aerobics

Fall and Spring Semesters. 1 semester hour.

An activity-oriented class with group exercise routines. Emphasis is placed on improving physical fitness. Assessment techniques will be introduced so that individual progress can be monitored.

PE 103 Weight Training

Fall and Spring Semesters. 1 semester hour.

Basic aspects of proper weight training principles and techniques through lecture and laboratory sessions.

PE 104 Swimming

Fall and Spring Semesters. 1 semester hour.

An activity-oriented class - basic swimming principles, stroke and conditioning techniques. Skill work, games, other water activities and lectures.

PE 105 Pilates

Fall and Spring Semesters 1 semester hour

An activity-based class with focus on the body's core strength. Emphasis is placed on increasing flexibility while creating long and lean muscles.

PE 106 Principles and Foundations of Health, Physical Education, and Recreation

Fall and Spring Semester. 3 semester hours.

An overview of historical, philosophical, sociological and psychological foundations of physical education and health. Topics include health and fitness promotion, lifestyle assessments, cardiovascular risk factors, lifestyle choices and professional competencies. Emphasis is placed on physical fitness and wellness, behavior and relationships, prevention and treatment of diseases/accidents/suicide, environmental issues, and health and legal aspects of physical education and health.

PE 107 First Aid

Fall and Spring Semesters. 2 semester hours.

The guidelines of the American Red Cross will be followed in providing certification in Standard First Aid, Cardi-Pulmonary Resuscitation (adult/child/infant), Automated External Defibrillators (AEDs) and preventing disease transmission. American Red Cross certification will be awarded to students completing the necessary requirements.

PE 110 Lifeguard Training

Intensive Learning Term. 3 semester hours.

Prerequisite: proficient swimming skills; PE 107 may be taken concurrently and instructor permission.

Minimum skill training for a person to serve as a non-surf lifeguard. American Red Cross certification will be awarded to students completing the necessary requirements.

PE 111 Yoga

Fall and Spring Semesters. 1 semester hour.

An activity based class designed to build the foundation of the beginning postures, alignment and breath awareness.

PE 112 Professional Rescuer

ILT. 3 semester hours

Professional Rescuer meets the requirements for American Red Cross certification for individuals who have job-related duty to respond in an emergency. The course will include instruction in Emergency Response, CPR for the professional rescuer, automated external defibrillator essentials, oxygen administration, and preventing disease transmission.

PE 115 Water Safety Instructor (WSI)

Spring Semester, odd years. 3 semester hours.

Prerequisite: water safety skills and demonstration of stroke capability.

Skills necessary for swimming instructor qualification. American Red Cross certification will be awarded to students completing the requirements.

PE 120 Scuba Diving

As announced. 3 semester hours.

Prerequisite: equipment rental.

Certification in open water scuba diving. National Aquatics Underwater Instruction (NAUI) certification will be awarded to students completing the requirements.

PE 200 Theory of Coaching Basketball

Intensive Learning Term, as announced. 3 semester hours.

Technical, tactical, functional, psychological and physiological aspects of basketball.

PE 201 Theory of Coaching Baseball

Intensive Learning Term, 3 semester hours.

Technical, tactical, functional, psychological and physiological aspects of coaching baseball.

PE 202 Theory of Coaching Football

Intensive Learning Term, as announced. 3 semester hours.

Technical, tactical, functional, psychological and physiological aspects of football.

PE 203 Theory of Coaching Soccer

Intensive Learning Term, as announced. 3 semester hours.

Technical, tactical, functional, psychological and physiological aspects of soccer.

PE 204 Athletic Officiating

Fall Semester. 2 semester hours.

Procedures, techniques and ethics of officiating. Accommodates physical education teachers, coaches and those in recreational settings.

PE 206 Theory of Coaching Swimming and Diving

Intensive Learning Term, as announced. 3 semester hours.

Technical, tactical, functional, psychological and physiological aspects of swimming and diving.

PE 208 Theory of Coaching Wrestling

Intensive Learning Term, as announced. 3 semester hours.

Technical, tactical, functional, psychological and physiological aspects of wrestling.

PE 210 K-12 Physical Education

Fall and Spring Semesters. 2 semester hours.

The sequence and development of fundamental motor patterns including locomotor and non-locomotor skills for K-12 physical education students. Combines theory and technique to provide K-12 teachers with general knowledge of physical education activities.

PE 211 Theory of Teaching Team Activities

Fall and Spring Semesters. 2 semester hours.

Prerequisite: PE 210

Fundamental techniques, instruction and strategies of team/group games.

PE 214 Theory of Teaching Individual Activities

Fall and Spring Semesters. 2 semester hours.

Prerequisite: PE 210

Theory and applied techniques to provide teachers with general knowledge of physical education activities. Fundamental techniques and strategies of structured activities used in accepted physical education programs.

PE 215 Theory of Teaching Tumbling, Stunts and Rhythms

Spring Semester. 2 semester hours.

Prerequisite: PE 210

Stunts, tumbling, and rhythmic fundamentals designed to be taught in approved physical education programs.

PE 217 Theory of Teaching Physical Fitness

Fall and Spring Semesters. 3 semester hours.

The benefits of the components of physical fitness (cardiovascular endurance, muscular strength, muscular endurance, body composition and flexibility), instructional techniques necessary to develop the individual components of physical fitness.

PE 301 Sports Psychology

Spring Semester. 2 semester hours.

Fundamental concepts of coaching and underlying psychological factors of performance in competition. Topics include assessment, preseason, mid-season, and post-season evaluation, audience effects and aggression and violence in sports.

PE 305 Organization and Administration of Physical Education

Fall and Spring Semesters. 3 semester hours.

Prerequisites: junior standing or instructor permission.

Designed to give students insight into the administrative aspects of physical education, intramural and inter-scholastic sports.

PE 307 Principles and Techniques of Conditioning

Spring Semester. 3 semester hours.

Prerequisite: PE 213 or 217

Conditioning techniques and the application of those principles. Includes the training to perform physical fitness testing, interpretation of test results, and writing exercise prescriptions for clients who wish to improve cardiovascular conditioning and/or strength conditioning.

PE 310 Measurement and Evaluation in Health, Physical Education and Recreation

Fall Semester. 3 semester hours.

Prerequisite: MTH 120, or equivalent, PE 217.

Evaluation principles and techniques in Health, Physical Education and Recreation. Topics covered include criteria for selecting tests, descriptive, inferential and predictive statistical techniques and their applications; and tools for assessing health fitness, fundamental skills, sport skills, cognitive skills and psychological attitudes.

PE 320 Motor Learning

Spring Semester. 3 semester hours.

Prerequisites: junior standing or instructor permission.

Psychological and neurological mechanisms involved in the acquisition of motor skills. Emphasis on designing classes and practices which optimize the acquisition of motor skills.

PE 400 Strength and Conditioning Instructor Training

As announced. 3 semester hours.

Prerequisite: PE 307

Prepares students to sit for the certification exam (National Strength Conditioning Association). Examines proper techniques and training in the use of various types of weight training equipment. Combines theory and the application of training methods and regimens.

Course Descriptions

PE 401 Kinesiology

Fall and Spring Semesters. 3 semester hours.

Prerequisite: HWL 260, junior standing or instructor permission.

Applied anatomy and physics examining the specific functions of the musculoskeletal system and the physical laws which govern human motion.

PE 405 Exercise Physiology

Fall and Spring Semesters. 3 semester hours.

Prerequisites: PE 217, junior standing or instructor permission.

In-depth examination of the physiological systems of the body, and their responses and adaptations to specific stresses placed on them during exercise.

PE 410 Sport Philosophy and Ethics

Spring Semester. 3 semester hours.

Prerequisites: PE 101, PE 305, junior standing or instructor permission.

Understanding and application of ethical theory and principles of moral reasoning to the analysis of issues and dilemmas in physical education, leisure and sport.

PE 420 Biomechanics

Fall and Spring Semesters. 3 semester hours.

Prerequisite: PE 401

Mechanical laws as they relate to the human body in motion, and the study of techniques as they relate to internal and external forces acting on the body during performance.

PE 425 Sports Law

Fall Semester. 3 semester hours.

Prerequisite: PE 106, PE 305, junior standing or instructor permission.

Legal aspects in teaching, coaching and administrative physical education, recreation and athletic programs in secondary, post-secondary and community settings. The nature of the athletic system and the law pertaining to sport activities with an emphasis placed on prevention of lawsuits through planning, policy development and communication.

Physics

Natural and Physical Sciences Department

PHA 201 College Physics I

Fall Semester. 3 semester hours.

Satisfies Natural World Requirement.

Corequisite: PHA 203

Prerequisite: C or better in MTH 150

This is an algebra-based course which provides a rigorous examination of the following physical phenomena and systems: 1) mechanics (forces, kinematics of motion, conservation of energy and momentum, collisions and rotational systems) and 2) selected topics from molecular physics and heat (physics of solids and fluids, thermal physics and thermodynamics).

PHA 202 College Physics II

Spring Semester. 3 semester hours.

Satisfies Natural World Requirement.

Corequisite: PHA 204

Prerequisite: C or better in PHA 201 and 203

A continuation of College Physics I. This course is algebra-based and provides a rigorous examination of the following physical phenomena and systems: 1) electricity and magnetism, 2) geometric optics, 3) light and color and 4) selected topics from waves and sound.

PHA 203 College Physics Laboratory I

Fall Semester. 1 semester hour.

Corequisite: PHA 201

Prerequisite: C or better in MTH 150

This is the companion laboratory course to College Physics I and reinforces concepts studied in lecture. Basic laboratory skills are developed. Students use modern instrumentation methods to explore and analyze scientific measurements. Students will be able to study quantitatively, and in detail, many of the mechanical systems which are presented in the lecture.

PHA 204 College Physics Laboratory II

Spring Semester. 1 semester hour.

Corequisite: PHA 202

Prerequisite: C or better in PHA 201 and 203

This is the companion laboratory course to College Physics II and reinforces concepts studied in lecture. The topics of electricity and magnetism, electrical circuits and optics are explored. Physical phenomena are studied and measured at a more advanced level, including techniques currently employed in modern physics. A major goal of the course is to develop skills in the measurement of physical phenomena.

PHA 251 Physics I

As announced. 5 semester hours.

Prerequisite: MTH 151 or equivalent

The first of a two-course sequence for students of the quantitative sciences, mathematics or engineering. Mechanics, thermodynamics, waves, electricity and magnetism using applied Calculus. Laboratory.

PHA 252 Physics II

As announced. 5 semester hours.

Prerequisite: PHA 251

Electromagnetic waves, optics, special relativity, elementary particles, quantum phenomena and atomic structure using applied Calculus. Laboratory.

Political Science

Social Science Department

POS 201 American Government — National

Fall Semester. 3 semester hours.

Satisfies Social and Cultural requirement.

Fundamentals of the national government.

POS 202 American Government — State and Local

Spring Semester. 3 semester hours.

Fundamentals of state and local government.

POS 305 American Constitutional History

Fall semester, odd years. 3 semester hours.

Prerequisite: three semester hours of American history or government.

American constitutional development with emphasis on the 20th century.

POS 310 Michigan Government and Politics

Fall Semester, even years. 3 semester hours.

Prerequisites: POS 201 and 202

The structure and activity of public agencies in the executive branch, personnel management. Budgeting, the judicial system, the legislative system, and the role of the public and private interests which inhabit the Michigan Capitol.

POS 316 Modern Russia

Fall Semester, even years. 3 semester hours.

Prerequisite: sophomore standing

From the Romanovs through to the Bolshevik Revolution, the emergence of the Soviet Union as a world power, and the breakup of the Soviet Union. Emphasis on Stalinist period, the Post-Stalinist period, the Gorbachev era and changes in the past few years.

POS 317 American Foreign Policy in the 20th Century

Fall Semester, odd years. 3 semester hours.

Prerequisite: HST 202 or instructor permission

Emergence of the U.S. as a world power from 1898 to present.

POS 320 The Legislative Branch: The Working Congress

Fall Semester, odd years. 3 semester hours.

Prerequisites: POS 201 and 202

Process and factors which comprise the legislative process. Including the media, interest groups, lobbyists, the party structure, the people and other influences.

POS 321 The Judicial Branch: the Supreme Court, Law, and the Legal Process

Spring Semester, even years. 3 semester hours.

Prerequisites: POS 201 and 202

Courts, litigation, the law as a body of information and specific issues of law. The relationship of the judiciary to the executive and legislative branches of the national government.

POS 330 Public Administration, the Courts, Law Enforcement and the Police

Spring Semester, even years. 3 semester hours.

Prerequisites: POS 201 and 202.

The structure and activity of public agencies, personnel management, budgeting, the judicial system, courts, litigation and the law.

POS 418 Independent Study

As announced. 1-3 semester hours.

Prerequisite: instructor permission.

Reading and research of special topics.

Psychology

Social Science Department

PSY 201 General Psychology

Fall and Spring Semesters. 4 semester hours.

A survey of major theories and orientations in psychology, with a special emphasis on historically important concepts and people in their cultural context. Major topics include the nervous system, perception, normal and abnormal development over the lifespan, cognition, learning, motivation and social behavior.

PSY 215 Human Sexuality

Spring Semester. 3 semester hours.

Biological, behavioral, psychological and cultural dimensions of one's sexual identity are discussed.

Course Descriptions

PSY 260 Introduction to Personality

Fall Semester. 3 semester hours.

Historically important theories and issues in personality research and thinking are discussed, including psychoanalytic, trait, learning and humanistic, and social-cognitive theories.

PSY 304 Motivation and Emotion

Spring Semester, even years. 3 semester hours.

Prerequisite: PSY 201 or 260

Discussion and survey of motivational theory and topics, including development of optimism, pessimism, resilience, altruism and other prosocial orientations. Cultural and gender differences in emotion expression and motivation are surveyed, as are historically important theories, including psychodynamic, biological and humanistic orientations. Applications to understanding of self and others are explored.

PSY 305 Cognition and Perception

Spring Semester, odd years. 3 semester hours.

Prerequisites: PSY 201 or 260

History and philosophy of cognitive psychology are discussed. Modern applications are discussed, including remembering, problem-solving, language, and decision making.

PSY 306 Learning and Behavior

Fall Semester, even years. 3 semester hours.

Prerequisite: PSY 201 or 260

Principles of operant and classical conditioning are discussed and their applications in behavior modification, emotional conditioning therapies, self-modification, education, and economics and society. Philosophy and history of learning theory is outlined from Functionalism through Behaviorism, with special attention to its interplay with cognitive and humanistic orientations. Students implement self-modification techniques and take responsibility for their own learning using mastery-learning and other behavioral techniques.

PSY 310 Tests and Measurements

Spring Semester, odd years. 3 semester hours.

Prerequisite: PSY 201 or instructor permission.

Tests used by psychologists in assessment, treatment and research. Examination of measurement theory and test design.

PSY 312 Child and Adolescent Psychology

Fall Semester. 3 semester hours.

Prerequisite: PSY 201 or 260

A survey of theories and research of biological, social and personality development from conception to adolescence. Historically significant developmental theorists and ideas are presented. Discussion includes changes in language, thinking, and learning and the origins of developmental psychology and major theorists of development.

PSY 313 Adult Psychology and Aging

Spring Semester, odd years. 3 semester hours.

Prerequisites: PSY 201 or 260

A survey of theories and research of biological, social and personality development from late adolescence through death. Special attention is given to issues surrounding cultural differences in aging, ageism and stereotypes about different stages of adult development. Discussion includes changes in cognition and learning, moral and ethical development in the college years, and historically important theories and philosophies of adulthood. Activities include discussion and cross-sectional interviewing of different cohorts on a class-chosen issue.

PSY 315 Abnormal Psychology

Spring Semester. 3 semester hours.

Prerequisite: 200-level psychology course

A survey of psychological disorders, with a special emphasis upon disorders of personality and affect, including depression, suicide and identity. Discussion includes biological, genetic and learned precursors, historically important views and theories, and patterns related to race, gender and cultural backgrounds.

PSY 316 Human Exceptionalities

As announced. 3 semester hours.

Prerequisite: instructor permission

Theories, research issues and treatment in the study of human exceptionality. Includes mental retardation, physical disability and learning disabilities.

PSY 320 Topics in Criminology

Spring Semester, odd years. 3 semester hours.

Prerequisites: PSY 201 or SA 201 or 203, or CJ 210

Psychological perspectives of a theme or issue regarding violence and criminal behavior. Emphasis on interaction of social and psychological factors which maintain or produce violent, antisocial, or other criminal behaviors. Includes victimology, abnormalities and crime, forensic psychology and other topics as expertise and interests allow. Topic as announced; may be repeated with different topic.

PSY 345 Introduction to Neuroscience

Fall Semester, odd years. 3 semester hours.

Prerequisites: PSY 201 or BIO 111 and 112.

An introduction to the biology of the nervous system and behavior, including nervous system functions and disorders, environmental impacts and genetic development. Topics include nerve transmission, impacts of body cycles on behaviors, psychopharmacology, abnormalities of development, major psychological problems and links between humans and our animal "roots."

PSY 360 Psychology Lab

Fall and Spring Semesters. 2 semester hours.

Prerequisite: registration in a linked course

This is a variable topic course linked to another psychology course. Students practice supervised, hands-on methods of research using tools, technology and instruments in the linked class.

PSY 390 Research Methods

Fall Semester. 3 semester hours.

Prerequisites: at least one 200-level psychology course, beginning Professional Portfolio, and sophomore-level research methodology demonstrated.

This course is a discussion of the philosophy, ethics and methods of inquiry used by psychologists, including experimental design and interpretation of experimental and correlational research. The course also is an introduction to the major and minor, and to the skills and orientations that are sought by professionals, the program portfolio and program faculty. Students use professional psychological resources and databases to write an authoritative paper in a psychological topic of interest to them. From discussions, students generate a research idea and create a proposal which includes a rationalization of the chosen method, way(s) of measuring behavior, numerical interpretation and shows awareness of ethics of research.

PSY 403 Psychology Practicum

As announced. 3–6 semester hours.

Prerequisite: instructor permission

Application of classroom skills to human service or research projects in the greater community or on the Olivet campus. Supervised by a faculty member. Prior approval of faculty supervisor is required.

PSY 410 Assessment and Counseling of Adults

Fall Semester. 3 semester hours.

Prerequisites: PSY 260 or 315

A survey of individual and group counseling techniques and theories, including psychodynamic, humanistic, behavioral and cognitive therapies. Activities include discussions, demonstrations of methods, and applications to different ages, the developmentally disabled and cross-cultural counseling. Activities include discussion and demonstrations to understand techniques, treatment and practitioner ethics.

PSY 411 Assessment and Counseling of Youth

Spring Semester. 3 semester hours.

Prerequisites: PSY 260 or 315.

A survey of techniques of diagnosis, assessment and counseling used with children and adolescents. Topics include historically important theories and ideas, the developmentally disabled and cross-cultural counseling.

PSY 418 Independent Study: Readings

Fall and Spring Semesters. 1–3 semester hours.

Prerequisites: instructor permission and department chair approval.

Coordinated and selected readings between a student(s) and faculty member(s).

PSY 419 Independent Research

Fall and Spring Semesters. 1–6 semester hours.

Prerequisites: approval of project by faculty sponsor and Academic Performance Committee.

Students design and carry out their own research project for their portfolio. Students fulfilling Honors Program/portfolio requirements are advised to take this class.

PSY 450 Special Topics in Psychology

As announced. 1–3 semester hours.

Prerequisite: instructor permission.

Courses developed by individual faculty members and approved by the department: (1) in the instructor's special field or interest, (2) by student's request, or (3) to meet rapidly changing curriculum and/or college needs.

PSY 490 Senior Seminar in Psychology

Fall Semester. 3 semester hours.

Prerequisite: senior standing.

Capstone course for psychology students reinforcing professional skills necessary for employment or graduate school.

Recreation

Health, Physical Education, Recreation and Sport Department

REC 120 Introduction to Leisure Services and Administration

Fall Semester. 3 semester hours.

An overview of recreation definitions, theories, practices and organization. Principles and practices of program planning, implementation and evaluation will be combined with discussions of leadership styles and administrative duties. Community and school recreational programming and leadership are emphasized.

REC 250 Outdoor Recreation - Wilderness/Commercial

Intensive Learning Term (ILT). 3 semester hours.

Skills required to survive in, enjoy, and preserve our outdoor resources will be explored. Attention to trip preparation, equipment needs, packing efficiently, humans in nature and outdoor recreation/survival skills. Emphasis on outdoor recreational activities such as hiking, biking, camping, fishing, canoeing and backpacking.

Course Descriptions

REC 400 Leisure Activities for Special Populations

Spring Semester. 3 semester hours.

Prerequisite: REC 120 or 250, junior standing or instructor permission.

Understanding physical and mental challenges that some of our population face. Examines how these challenges affect motor learning, performance, and ultimately, the ability to participate in recreational activities. Challenge without humiliation. Motivate and encourage participation.

Religious Studies and Ethics

Humanities Department

REL 101 Religion and the Quest for Meaning

Fall semester, odd years. 3 semester hours.

An exploration of the religious dimension in the human experience. The class will address such questions as: What is the role of the sacred in human life? How do human beings understand and encounter the holy? The nature and role of religious beliefs, rituals and practices in a cross-cultural context will be explored. Students will also examine various theories and methods in the academic study of religion.

REL 210 Introduction to the Old Testament/ Hebrew Bible

Fall semester, 2011, & as announced. 3 semester hours.

A critical introduction to the Old Testament/Hebrew Bible, examining its key theological themes, literary forms, and critical content. Attention will be given to the institutions, religion and national life of the Hebrew people, including the history of Israel from the Exodus to the rise of the Pharisees.

REL 211 Literature of the New Testament

Spring semester, 2012, & as announced. 3 semester hours.

An introduction to the critical study of the New Testament, including investigation into the historical background and messages of the New Testament books. Students will examine the Synoptic Gospels, Paul's Epistles, Revelation, and other books of the New Testament. The compilation of writings into what we now consider as the Christian canon will also be explored, asking the questions: what was included; what was excluded; and why?

REL 220 History of Christianity I: Early Christianity to the Reformation

Fall semester, 2009, & as announced. 3 semester hours.

An examination of the evolution of Christianity from its origins in early Christian communities of the Greco-Roman world through the times of the Reformation. The course will explore the spread of Christianity beyond the bounds of the Roman Empire through much of Europe, and examine the changes and developments within Christianity through medieval and early modern times.

REL 221 History of Christianity II: The Reformation to the Present

Spring semester, 2010, & as announced. 3 semester hours.

An examination of the historical developments within Christianity from the time of the Reformation to the present. The spread of Christianity from Europe and the Near East to Asia, Africa, and the Americas will be examined. The varied expressions of Christianity in today's global context will also be explored, including the effects of post-colonialism, modernization, and globalization upon Christian theology and practices today.

REL 260 World Religions I: Eastern Traditions

Fall semester, even years. 3 semester hours.

Satisfies Living in a Diverse World requirement.

An investigation into the history and beliefs of contemporary Eastern religions and their relationship to the societies in which they have developed. Particular focus upon Hinduism, Buddhism, Jainism, Confucianism, and Shinto.

REL 261 World Religions II: Western Traditions

Spring semester, odd years. 3 semester hours.

Satisfies Living in a Diverse World requirement.

An investigation into the history and beliefs of contemporary Western religions and their relationship to the societies in which they have developed. Particular focus upon Judaism, Christianity, and Islam, and the indigenous traditions of the West.

REL 315 The Bible and Ethics

Fall semester, 2010, & as announced. 3 semester hours.

An exploration of various approaches to the use of the Bible in ethical reflection and deliberation. The various contexts for the use of scripture in ethics will be examined, including the four-sector model of moral methodology. Differences between Catholic and Protestant approaches to the use of scripture in ethics/moral theology will also be explored.

REL 330 Gender, Sexuality and Religion

Spring semester, 2010, & as announced. 3 semester hours.

The interaction of religion, gender and sexuality will be explored through a cross-cultural, multi-religious perspective. Religious approaches to the ethics of sexuality and gender will be examined. The complexities of these relations as they are impacted by the politics of race, class, colonialism, and the globalization of religions will also be explored.

REL 335 Rights, Reason and the Common Good
Spring semester, 2012, & as announced. 3 semester hours.
Prerequisites: PHL 102 or permission of the instructor

An exploration of the complex relationship between the core Western cultural ideals of individual rights and the common good. The course will examine both religious and secular perspectives of the common good, as well as of rights and human reason. The complexities of arriving at a shared understanding of the common good within a religiously pluralistic society will be explored. Particular cases in American public life in which the tensions between these ideals can be seen will be examined.

REL 350 Biomedical Ethics

Fall semester, even years. 3 semester hours.
Prerequisites: PHL 102, an introductory course in the sciences, or permission of the instructor

A study of the ethical principles, paradigms and values informing decisions in the medical and biological sciences, with a focus on the health care professions. The course format will include numerous actual and hypothetical cases. Topics covered could include physician-assisted suicide, organ transplantation, abortion, cloning and artificial reproduction, termination of life-sustaining medical treatment, and the allocation of medical resources.

REL 365 Earth-Based Religions and Spirituality

Spring semester, 2011, & as announced. 3 semester hours.

An exploration of historical and contemporary expressions of religions and spiritualities based upon a reverence for the earth or nature. Topics covered will include the philosophies, worldviews, theologies/theologies, ethical systems, and practices of contemporary earth-based religions. Particular attention will be given to modern expressions of Pagan, shamanistic, and Wiccan traditions. Pantheistic strains in traditional Eastern and Western religions will also be explored.

REL 470 Independent Study

As announced. 1-3 semester hours.

Independent reading or research on special topics in religious studies and ethics.

REL 490 Special Topics

As announced. 3 semester hours.

Course developed by an individual faculty member on a particular topic in religious studies and/or ethics. Topic will be announced in advanced.

Science

Natural and Physical Science Department

SCI 102 Biological Science

Fall and Spring Semesters. 3 semester hours.
Satisfies Natural World requirement

Introduction to the major concepts of biology at the cellular, organismal and population levels. Topics include the basics of cell structure and function, physiology, genetics, biological diversity and ecological and evolutionary principles. Emphasis is given to the place of humans in the biological world. SCI 102 does not count towards biology major or secondary integrated science major.

SCI 103 Introductory Astronomy

Fall and Spring Semesters. 3 semester hours.
Satisfies Natural World requirement

An introduction to modern astronomy. Topics include stars, constellations, galaxies, planetary systems and cosmology. Laboratory experiences incorporate the use of the planetarium and Beman Observatory.

SCI 105 Introductory Geology

Fall Semester. 3 semester hours.
Satisfies Natural World requirement

An introduction to science through geology: the study of the composition and structure of the earth, the geologic processes affecting the earth's crusts and interior, and the major principles and theories of the discipline. Laboratory includes examination of rocks and minerals and the interpretation of geological maps.

SCI 107 Environmental Science

Fall Semester and Spring Semester, even years.
3 semester hours.

Satisfies Natural World requirement

A survey of the major environmental issues of today, including pollution, toxic and solid waste, endangered species, habitat destruction and global warming. The course includes scientific, political, social and economic aspects of these issues and emphasizes problem-solving and solutions on a global, national and individual level. Field trips and laboratory exercises are an important part of the learning process.

SCI 111 Introduction to Chemistry

Fall and Spring Semesters. 3 semester hours.
Satisfies Natural World requirement

A study of major themes in chemistry including atomic structure, chemical compounds, stoichiometry, acids and bases, gas laws, equilibrium and chemical reactions. Students investigate the major themes of chemistry as they relate to culture and society.

Course Descriptions

SCI 112 Introduction to Physics

*Spring Semester. 3 semester hours.
Satisfies Natural World requirement*

A single semester survey of physics designed for students who seek experience in the physical sciences. It provides study of major themes in physics including mechanics, electromagnetism, optics, waves and thermodynamics. The course is a mix of lecture, in-class laboratory exercises and demonstrations, and is particularly designed to prepare the elementary science teacher.

SCI 201 Physical Geography

Spring Semester. 3 semester hours.

Basic knowledge of the Earth in relation to the physical environment. Climate, soil, solar energy, atmospheric pressure systems, weathering, glacial systems and coastal landforms.

SCI 302 Environmental Law

*Intensive Learning Term, as announced. 3 semester hours.
Satisfies Service Learning requirement.*

An introduction to laws, regulations, rules and statutes that pertain to the environment and how and why many of these laws came into effect. The object is to give the student a basic understanding of environmental law. The student will get a basic introduction to the judicial system of the United States and to the International Courts. Students will also consider the effect that the controversy surrounding environmental issues has on the law and society.

SCI 350 Gender, Race and Science

*Spring Semester, odd years. 3 semester hours.
Satisfies Global Diversity: Living in a Diverse World requirement.
Prerequisites: BIO 111 and 112 and IDS 111 and 112*

The impact of science on societal perceptions of race and gender, and the impact the social constructs of race and gender have on scientists and the conduct of science. Historical and modern treatments of gender and race by the scientific community as well as the experiences of women and other under represented groups in the sciences.

SCI 410 Topics in Science

As announced. 1–3 semester hours.

Variable topics course focusing on current issues in science.

Sociology and Anthropology

Social Science Department

Prerequisites for courses in Sociology/Anthropology

All classes at or above the level of SA 300 require the completion of IDS 112 with a grade of C or better. Unless otherwise noted or modified below, prerequisites for courses numbered above SA 300 require six hours of 200-level course work in sociology/anthropology, psychology, gender studies or criminal justice, or, permission of the instructor.

SA 200 Introduction to Theory in Sociology/Anthropology

Fall semester. 3 semester hours.

Introduction to historic and current theory in Sociology/Anthropology. Students will also begin to inquire into how theory applies to social justice by applying theory to various areas of concern within society.

SA 201 Myth, Symbol and Meaning

Spring Semester, odd years. 3 semester hours.

Students will be expected to develop awareness of:

- The message below the medium and the effect on society/culture.
- How manipulation of symbols affects individuals, society and culture.
- How myths and rituals provide infrastructure and support for society/culture.

SA 203 Childhood and Culture

Spring Semester, even years. 3 semester hours.

Students will assess how children become members of particular societies and cultures and the effect of society and culture (and subculture) on children.

SA 300 Conflict and Cooperation

Fall Semester, even years. 3 semester hours.

Prerequisite: 24 semester hours– no prior SA course work required.

Course is practice based. Focus is on managing and resolving conflicts between groups. Students learn how to facilitate dialogue groups in the course of the semester. This course is highly recommended for education and business students.

SA 302 Topics in Inequality: Gender

Spring Semester. 3 semester hours.

Prerequisite: six semester hours of 200 level coursework in Sociology/Anthropology, Psychology, gender studies or criminal justice.

Course explores causes of cultural and social inequality that are gender-based. Students will study the effect of inequality on individuals, societies and cultures. (Students may take both sections of SA 302).

SA 303 Topics in Inequality: Race and Ethnicity

Fall Semester. 3 semester hours.

Course explores causes of cultural and social inequality that are based on race and/or ethnicity. Students will look at the effect of inequality on individuals, societies and cultures. (Students may take both sections of SA 302).

SA 304 Sport, Culture and Society

Spring Semester. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Cross-cultural study of the role of sport in societies. This class is a recommended elective for the HPERS Department.

SA 305 People, Resources and the World

Spring Semester, odd years. 3 semester hours.

Prerequisites: IDS 151. Satisfies Global Diversity: Living in a Diverse World requirement.

Micro and macro explorations of resource-related issues including development, environment, health and social justice.

SA 306 Religions and Social Order/Disorder

Spring Semester, odd years, as announced. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Course explores the role of religion in the development of cultures, and society and institutions within those cultures emphasizing the effect religion and institutions have on socio-cultural relationships.

SA 307 Biocultural Ecology

Fall Semester, odd years. 3 semester hours. Satisfies Global Diversity: Living in a Diverse World requirement.

Focus on reciprocal relations between and influences on cultures, societies and the environment.

SA 309 Psychology of Gender

Spring Semester, even years. 3 semester hours. Satisfies Global Diversity: Living in a Diverse World requirement.

Cross listed with Gender Studies and Psychology.

Learning Community: Course will be offered by cooperation between Psychology, Sociology Anthropology and Gender Studies program in a learning community format.

SA 311 Uncloseting America

ILT, odd years. 3 semester hours. Satisfies Global Diversity: Living in a Diverse World requirement.

Course explores theory and issues relating to being queer in America and the socio-cultural ramifications for the individual, the family and the community.

SA 330 Social Science Statistics

Fall Semester, odd years. 3 semester hours.

Prerequisite: 56 credit hours or permission of instructor

Introduction to statistics and appropriate statistical software in the field of social sciences.

SA 340 Application of Sociological/Antropological Theory

Spring Semester, even years. 3 semester hours.

Students will revisit theory in Sociology/Antropology, focusing on how that theory gets applied in social institutions.

SA 350 Workshop in Sociology and Anthropology

Fall Semester. 3 semester hours.

Cross-listed with PSY 490

Prerequisite: 56 semester hours and six semester hours in Sociology/Antropology above 200 level.

Senior experience shared with students in Psychology. This is a seminar class which analyzes current ethical and theoretical issues in the social sciences. Topic is developed by Social Science faculty each academic year.

SA 390 Research Link

Spring Semester. 3 credit hours.

Prerequisites: senior status and 9 credit hours of work in major above 200-level.

Students develop a research project based on an issue in which they have an interest in pursuing. This will build off of research which originates in Department Seminar beginning with the 2nd year of study. Students also meet in a group to discuss technique and methodology. Papers will be presented and defended before a panel at the end of the semester.

SA 403 Practicum

Arranged with instructor. 1-6 semester hours.

Prerequisites: 56 credit hours plus 6 hours of work in major above the 200-level.

Practicum encompasses internships or service entailing practical application of the skill and knowledge learned in the course of a student's study. Off-campus internships and internships for more than 6 credit hours may be registered as IDS 390, Cooperative Education Internship.

SA 418 Directed Readings

Arranged with instructor. 1-6 semester hours.

Prerequisites: 56 credit hours with 9 credit hours of work in major above 200 level and a G.P.A. of 3.0 or better in major.

A program of coordinated and selected readings between student(s) and faculty member(s).

SA 419 Directed Advanced Research

Arranged with instructor. 1-6 semester hours.

Prerequisites: 56 credit hours with 9 credit hours of work in major above 200 level and a G.P.A. of 3.0 or better in major.

Program of research designed and implemented under the guidance of/or in coordination with faculty member(s.) At completion, the student presents their findings in a scholar's lecture.

Course Descriptions

SA 450 Special Topics in Sociology/Anthropology

As offered. 1–3 semester hours

Prerequisites for special topics may vary with course design.

These are courses which are developed by department faculty and approved by the department: (1) in the instructor's special field of interest, (2) of student interest, and (3) to meet rapidly changing curriculum or college needs.

Spanish

Humanities Department

SPN 101 Introductory Spanish I

Fall Semester. 4 semester hours.

Basic concepts of the Spanish language. Practical vocabulary, pronunciation and grammar are emphasized so that the student is able to achieve one of the primary goals of the course: meaningful communication in the Spanish language. Appreciation, awareness and an understanding of others is also of great importance, and therefore cultural aspects of the Hispanic world are stressed. Language laboratory work is required.

SPN 102 Introductory Spanish II

Spring Semester. 4 semester hours.

Prerequisites: SPN 101 or placement exam equivalent

Continuation of SPN 101. The approach continues to integrate the culture of the Spanish-speaking world while the students are exposed to the four basic language skills: speaking, listening, writing and reading. The emphasis is on meaningful oral communication. Language laboratory work is required.

SPN 201 Intermediate Spanish I

Fall Semester. 4 semester hours.

Prerequisites: SPN 102 or placement

Comprehensive review of first-year Spanish, introducing more complex vocabulary and structures. The approach integrates culture, literature and grammar while emphasizing written and oral skills. The course includes an introduction to reading longer texts (both literary and popular) and writing longer essays.

SPN 202 Intermediate Spanish II

Spring Semester. 4 semester hours.

Prerequisites: SPN 201 or placement

Continuation of SPN 201. The approach continues to integrate more complex grammar and vocabulary with conversational and reading skills. The introduction to longer texts is continued with emphasis divided between literature and contemporary writings (newspapers, magazines, etc.). The overall emphasis of the course is divided between written, oral, reading and analytical skills. A term project is required.

SPN 420 Independent Study in Spanish (Readings)

Fall and Spring Semesters. 1–6 semester hours.

Prerequisite: instructor permission

The student has the opportunity and responsibility of creating a program of coordinated and selected readings with faculty member(s). A written proposal must be submitted by the student.

SPN 450 Special Topics in Spanish

As announced. 1–3 semester hours.

Prerequisite: instructor permission.

Course developed by individual faculty.

Theatre and Speech

Visual and Performing Arts Department

THR 100 Theatre Practicum I

Fall and Spring Semesters. 1 semester hour.

Satisfies 1 semester hour of 3 semester hour Creative Experience or Service Learning requirement.

Instructor permission required. May be repeated once.

Development of roles as actor, designer, technician or production manager. Resulting in the production of a full-length play which will be presented to the public approximately 8–10 weeks into the semester.

THR 105 Introduction to Oral Communication

Fall and Spring Semesters. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Purposes, function and methods of oral communication. Practical application of both formal and informal oral communication.

THR 106 Theatre and Culture

Fall and Spring Semesters. 3 semester hours.

Satisfies Global Diversity: Cross Cultural requirement.

Theatre as entertainment and a reflection of human behavior. Basic principles, goals and objectives as well as theatrical production and history.

THR 111 Acting

Fall and Spring Semesters. 3 semester hours.

Satisfies Creative Experience requirement.

Voice and movement skills. Relaxation, trust, discipline, criticism and artistic freedom.

THR 121 Introduction to Dance

Fall, Spring Semesters. 1 semester hour.

Satisfies 1 semester hour of 3 semester hour Creative Experience requirement.

Basic dance steps, routines and techniques used in theatrical and musical presentations. Tap, jazz, ballet and modern dance may be included as they relate to stage performances.

THR 200 Women in the Arts

Spring Semester, even years. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

Women in the Arts explores the role of women in various artistic fields, with particular emphasis placed on the performing arts of music, dance, and drama. Historical and contemporary personalities will be examined in terms of their contributions, and the evolution of roles will be addressed in terms of socio-cultural changes.

THR 202 Survey of Dramatic Literature

Spring Semester. 3 semester hours.

Plays throughout history and from around the world, the societies they reflect and their meanings for us today.

THR 203 Public Speaking

Fall and Spring Semesters. 3 semester hours.

Oral communication through rhetorical skill development, delivery, organization and language.

THR 205 Oral Interpretation of Literature

Spring Semester. 3 semester hours.

Analyzing and performing classical and contemporary literature in the oral tradition.

THR 206 Creative Drama In The Classroom

ILT, odd Years. 3 semester hours.

Theatrical techniques used for classroom teaching. Imagination, sensory awareness, movement, mime, oral interpretation of literature and improvisation. Helping young children be creative through self-expression, use critical thinking and promote social growth.

THR 211 Acting II

Spring Semester, even Years. 3 semester hours.

Prerequisite: Acting I or instructor permission.

Satisfies Creative Experience requirement.

Continues the first year acting courses with a rigorous exploration of character development and scene study.

THR 212 Stagecraft

Fall Semester. 3 semester hours.

Satisfies Creative Experience requirement.

Explores the first level of skills needed for theatrical production such as set construction, painting, and stage lighting.

THR 221 Dance II

Fall and Spring Semesters. 1 semester hour.

Prerequisite: Dance I or instructor permission.

Satisfies 1 semester hour of 3 semester hour Creative Experience requirement.

Continues study in dance beyond the first class credit and evaluation.

THR 290 Introductory Problems and Projects in Theatre and Speech

As announced. 3 semester hours.

Instructor permission required

Independent and supervised work in a variety of subjects at the sophomore level.

THR 300 Theatre Practicum III

Fall and Spring Semesters. 1 semester hour.

Satisfies 1 semester hour of 3 semester hour Creative Experience or Service Learning requirement.

Instructor permission required. May be repeated once.

Development of roles as actor, designer, technician or production manager. Resulting in the production of a full-length play which will be presented to the public approximately 8-10 weeks into the semester.

THR 301 Theatre Beyond and Away

ILT, even years. 3 semester hours.

Prerequisite: THR 106 or THR 202 or instructor permission.

Experiencing theatre away from the Olivet campus. Involves travel. Location and productions will be announced at pre-registration.

THR 303 Argumentation and Debate

Spring Semester, odd Years. 3 semester hours.

Prerequisite: THR 203.

Theoretical and practical aspects of debate and forensics.

THR 306 Theatre History I

Spring Semester Even Years. 3 semester hours.

Prerequisite: THR 202.

Examines the development of theatre from classical Greece to the Elizabethan age in detail.

THR 307 Theatre History II

Fall Semester Even Years. 3 semester hours.

Prerequisite: THR 306.

Examines the development of theatre from the Restoration to the present day in detail.

THR 312 Stage and Lighting Design

Fall Semester, odd years. 3 semester hours.

Prerequisite: THR 212 or instructor permission.

Satisfies Creative Experience requirement.

Practical and theoretical technical experience in set and theatrical lighting design.

THR 313 Costuming and Makeup

Fall Semester, even years. 3 semester hours.

Prerequisite: THR 212 or instructor permission.

Satisfies Creative Experience requirement.

Practical and theoretical technical experience in costume and theatrical makeup design.

THR 321 Dance III

Fall and Spring Semesters. 1 semester hour.

Prerequisite: THR 221 or instructor permission.

Satisfies 1 semester hour of 3 semester hour Creative Experience requirement.

Continues development in dance studies.

Course Descriptions

THR 390 Intermediate Problems and Projects in Theatre and Speech

As announced. 3 semester hours. Instructor permission required.
Development of topics and practices introduced in THR 290.

THR 400 Theatre Practicum IV

Fall and Spring Semesters. 1 semester hour.
Satisfies 1 semester hour of 3 semester hour Creative Experience or Service Learning requirement.
Prerequisite: Instructor permission. May be repeated once.

Development of roles as actor, designer, technician or production manager. Resulting in the production of a full-length play which will be presented to the public approximately 8-10 weeks into the semester.

THR 402 World Theatre

Fall Semester, odd years. 3 semester hours.

Focus on modern theatre plays and practices of the non-European tradition. It will include classic works that remain in current production.

THR 421 Dance IV

Fall and Spring Semesters. 1 semester hour.
Prerequisite: Dance III or instructor permission.
Satisfies 1 semester hour of 3 semester hour Creative Experience requirement.

Continues development in dance studies.

THR 424 Theatre: Issues and Society

As announced. 3 semester hours.
Prerequisite: THR 106 and junior or senior standing.
The meaning of theatre in contemporary society.

THR 490 Advanced Problems and Projects in Theatre and Speech

As announced. 3 semester hours.
Instructor permission required.
Development of topics and practices introduced in THR 390.

Visual Arts

Visual and Performing Arts Department

ART 101 Image and Culture

Fall and Spring Semesters. 3 semester hours.
Satisfies Global Diversity: Cross Cultural requirement.

Art appreciation course divided into three areas: an introduction to the principles of organization and elements of design, a thematic study of how those concepts have been applied across times and cultures to communicate specific meaning, and student (group) developed thematic research and class presentations of non-western art forms.

ART 105 Drawing Skills Laboratory

Spring Semester. 3 semester hours.
Satisfies Creative Experience requirement.

An introductory drawing class with a focus on traditional drawing techniques that include line quality, proportion and shape gauging and one-and two-point perspective.

ART 107 Visual Foundations

Fall and Spring Semesters. 3 semester hours.
Satisfies Creative Experience requirement.

A two-dimensional design course that focuses on traditional elements such as composition, value and color. Students choose subject matter that reflects their personal and political/social interests. Ceramic forms are created using pinch, coil and slab techniques.

ART 200 Ceramics: Fundamental

Fall and Spring Semesters. 3 semester hours.
Satisfies Creative Experience requirement.
Introductory ceramics class that includes traditional hand building, wheel work, firing and glazing.

ART 205 Portrait Sculpture: Fundamental

Fall Semester. 3 semester hours.
Satisfies Creative Experience requirement.
Traditional portrait sculpture where students model in clay from a live model. Attention is paid to skeletal/muscle anatomy and proportion. Clay heads are then cast into plaster through a waste-mold process.

ART 220 Women in the Arts

Spring Semester, even years. 3 semester hours.
Satisfies "Learning in a Diverse World" requirement.
Women in the Arts explores the role of women in various artistic fields, with particular emphasis placed on the performing arts of music, dance, and drama. Historical and contemporary personalities will be examined in terms of their contributions, and the evolution of roles will be addressed in terms of socio-cultural changes.

ART 221 Sculpture: Fundamental

Fall and Spring Semesters. 3 semester hours.
Satisfies Creative Experience requirement.
Basic sculpture class that engages students in traditional bar-relief (clay) and carving (plaster). Students choose subject matter that reflects their personal interests.

ART 231 Printmaking: Fundamental

Fall Semester. 3 semester hours.
Satisfies Creative Experience Requirement
Basic printmaking where students explore one medium (woodcut, intaglio, serigraphy or lithography). Personal responses are developed to an assigned technique and subject matter through sketches and trial proofs that are then used to create the final print. Four prints in editions will be accomplished over the course of the semester.

ART 240 History of World Art I

Fall Semester, odd years. 3 semester hours.

Survey of art, architecture and craft from prehistory to medieval Europe through illustrated discussions and readings. The relationships between art, craft, culture and environment is explored from cultures around the world, including Chinese, Japanese, Indian, South-East Asian, Mesoamerican and Islamic art.

ART 241 History of World Art II

Fall Semester, even years. 3 semester hours.

Survey of art, architecture and craft from Renaissance Europe to Post Impressionism through illustrated discussions and readings. The relationships between art, craft, culture and environment is explored from cultures around the world from this time-frame including Chinese, Japanese, Native American, Oceanic and Sub-Saharan Africa art.

ART 242 Modern and Contemporary Art History

Spring Semester. 3 semester hours.

Survey of modern and contemporary art, architecture and design through illustrated discussions and readings. Modern movements and styles and their relationships are explored from late 19th century European art through the 20th century to America. Also included are works of African American, Native American, Hispanic American and women artists, as well as art from China, Japan, Central and South America, India and Africa.

ART 243 Art and Culture of Tuscany

ILT, odd years. 3 semester hours.

Satisfies Living in a Diverse World requirement.

Two weeks of travel through Tuscany, Umbria and the Marches regions of Italy, including the cities of Florence, Siena, Assisi and Urbino. In addition to viewing the art, participants are expected to open themselves up to the language, cuisine and customs of the area. One week of in-class preparation included.

ART 245 Figure Drawing: Fundamental

Spring Semester. 3 semester hours.

Satisfies Creative Experience requirement.

Drawing in pencil and charcoal from the live model (gesture and extended poses, including portrait work). Attention is paid to anatomical structure and proportion.

ART 251 Painting: Fundamental

Fall and Spring Semesters, odd years. 3 semester hours.

Satisfies Creative Experience requirement.

Fundamental problems in painting. Still life format is utilized to develop a technological command of the oil medium. In-depth work with the principles of organization focuses each assignment.

ART 271 Biological Illustration: Fundamental

Fall and Spring Semesters. 3 semester hours.

Satisfies Creative Experience requirement

Traditional drawing course with emphasis on rendering light on form. Subjects progress from simple geometric shapes to more complex still life.

ART 300 Ceramics: Intermediate

Fall and Spring Semesters. 3 semester hours.

Prerequisite: ART 200 Ceramics: Fundamental or permission of instructor.

Satisfies Creative Experience requirement.

Students enhance skills learned at the 200 level with additional processes and materials introduced. While both hand building and wheel throwing abilities are expected to increase, students may begin to determine what areas of clay interest them most. Students focus on developing skill at wheel thrown ceramics and continuing glaze and decorating techniques.

ART 305 Portrait Sculpture: Intermediate

Fall Semester. 3 semester hours.

Prerequisite: ART 205 Portrait Sculpture: Fundamental or permission of instructor.

Satisfies Creative Experience requirement.

Students further pursue their interest in the portrait genre while developing a personal form vocabulary as they work from a live model.

ART 311 Graphic Design and Computer Art I

Fall Semester, odd years. 3 semester hours.

Satisfies Creative Experience Requirement

An introduction to advertising design. Focus is on developing strong verbal/visual skills to communicate specific concepts. A variety of skills and techniques are explored to present ideas for print or electronic communication. Emphasis on logo development, poster design and image in print. Introduction to Adobe Illustrator and PageMaker.

ART 312 Graphic Design and Computer Art II

Spring Semester, even years. 3 semester hours.

Prerequisite: ART 311 Graphic Design and Computer Art I or permission of instructor.

Satisfies Creative Experience requirement.

Beginning to intermediate level visual design communication and computer imaging. Design assignments concentrate on methods of visual organization to support communication of a theme (verbal and non-verbal). Print production methods and designing for print are stressed.

ART 313 Typography and Computer Imaging I

Fall Semester even years. 3 semester hours.

Satisfies Creative Experience requirement.

Beginning level calligraphy, typography design and computer imaging; including development of brush and pen calligraphy skills, studies of typographic alphabets and visual organization techniques to produce calligraphic and typographic communications as well as introductory level desktop publishing for beginning students to enable computer-generated compositions for print and production.

Course Descriptions

ART 314 Typography and Computer Imaging II

Spring Semester. Odd years. 3 Semester hours. Satisfies Creative Experience requirement. Prerequisite: ART 313 Typography and Computer Imaging I or permission of instructor.

Secondary level typography/design communication and computer imaging. Assignments include systems of visual organization with work on brochures, newsletters, magazines and tabloids. Current production and printing methods using computer generated compositions for print and production is included.

ART 321 Sculpture: Intermediate

Fall and Spring Semesters. 3 semester hours.

Prerequisite: ART 221 Sculpture: Fundamental or permission of instructor.

Satisfies Creative Experience requirement.

Students, in consultation with the instructor, choose their own subject matter from observable forms and engage in more sophisticated materials such as stone, wood and metal.

ART 331 Printmaking: Intermediate

Fall Semester. 3 semester hours.

Prerequisite: ART 231 Printmaking: Fundamental or permission of instructor.

Satisfies Creative Experience requirement.

Students explore a second medium (woodcut, intaglio, serigraphy or lithography) or further technically develop a previous medium in which they have worked. Four prints in editions will be accomplished over the course of the semester.

ART 345 Figure Drawing: Intermediate

Spring Semesters. 3 semester hours.

Prerequisite: ART 245 Figure Drawing: Fundamental or permission of instructor.

Satisfies Creative Experience requirement.

Drawing in pencil and charcoal from the live model (gesture and extended poses, including portrait work). Attention is paid to anatomical structure and proportion.

ART 351 Painting: Intermediate

Fall and Odd Spring Semesters.

3 semester hours.

Satisfies Creative Experience Requirement

Prerequisite: ART 251 Painting: Fundamental or permission of instructor

Intermediate problems in painting using the still life format to develop a technological command of the oil medium. In-depth work with the principles of organization and elements of design focuses each assignment.

ART 371 Biological Illustration: Intermediate

Fall and Spring Semesters. 3 semester hours.

Prerequisite: ART 271 Biological Illustration: Fundamental or permission of instructor.

Satisfies Creative Experience requirement.

Traditional rendering class with emphasis on close observation and accurate description of natural forms in wash, colored pencil, water color and pen and ink.

ART 381 Visual Arts Service Learning

Fall and Spring Semesters. 3 semester hours.

Prerequisite: junior standing (56 hours completed) and ART 107; additionally, either ART 271, 311, 313 or any other 300-level studio course or above in painting, sculpture, ceramics or printmaking.

Satisfies Creative Experience requirement.

A service learning course that addresses a community need and reinforces the college's focus on *Education for Individual and Social Responsibility*. Students, in conjunction with the education director and the volunteer coordinator of the Art Center of Battle Creek determine hands-on service(s) for the center that are specific to the student's completed course work in visual arts.

NOTE: students may arrange a service learning experience with another organization. In such cases, all arrangements must be made and reviewed for approval by the instructor.

ART 400 Ceramics: Advanced

Fall and Spring Semesters. 3 semester hours.

Prerequisite: ART 300 Ceramics: Intermediate or permission of instructor.

Satisfies Creative Experience requirement.

Students consult with the instructor to decide on projects in hand building and/or wheel throwing. Frequent conferences follow with students keeping a detailed log of hours, processes and work accomplished. Appreciation of the diverse history of ceramics across many cultures would be evidenced by research and writing.

ART 405 Portrait Sculpture: Advanced

Fall Semester. 3 semester hours.

Prerequisite: ART 305 Portrait Sculpture: Intermediate or permission of instructor.

Satisfies Creative Experience requirement.

Students work from a live model and are expected to be self-directed in their approach to portrait sculpture. They may choose to work in a highly representational manner or they may investigate alternative ways to interpret the human form.

ART 421 Sculpture: Advanced

Fall and Spring Semesters. 3 semester hours.

Prerequisite: ART 321 Sculpture: Intermediate or permission of instructor.

Satisfies Creative Experience requirement.

Students, in consultation with the instructor, determine their projects and are expected to be self-directed in the subjects they choose, the manner in which they choose to interpret the subjects (from highly representational to non-objective) and the materials selected to house their ideas.

ART 431 Printmaking: Advanced

Fall Semester. 3 semester hours.

Prerequisite: ART 331 Printmaking: Intermediate or permission of instructor.

Satisfies Creative Experience requirement.

Students develop technical mastery over one medium (woodcut, intaglio, serigraphy or lithography). They are expected to be self-directed, to explore personal subject matter and issues of personal style (from highly representational to non-objective). Five prints in editions will be accomplished.

ART 445 Figure Drawing: Advanced

Spring Semesters. 3 semester hours.

Prerequisite: ART 345 Figure Intermediate or permission of instructor.

Satisfies Creative Experience requirement.

Drawing in pencil and charcoal from the live model (gesture and extended poses, including portrait work). Attention is paid to anatomical structure and proportion, however, students are encouraged to explore and expand their personal attitude toward figure drawing.

ART 451 Painting: Advanced

Fall and Odd Spring Semesters; ILT Even years.

3 semester hours. Prerequisite: ART 351 Painting: Intermediate or permission of instructor. Satisfies Creative Experience requirement.

Advanced problems in oil painting where students are expected to be self-directed in the subjects they choose, the manner in which they choose to interpret the subjects and the materials they select to house their ideas.

ART 471 Biological Illustration: Advanced

Fall and Spring Semesters. 3 semester hours.

Prerequisite: ART 371 Biological Illustration: Intermediate or permission of instructor.

Satisfies Creative Experience requirement.

Traditional rendering class with emphasis on close observation and accurate description of natural forms. Media is expanded to include gouache and colored pencil.

ART 490 Advanced Independent Work

Fall and Spring Semesters. 2-3 semester hours.

Prerequisite: 9 semester hours in one studio discipline (200, 300- and 400-level courses).

Satisfies Creative Experience requirement.

Students develop their own ideas and manner of communication in the studio discipline of their choice (painting, sculpture, printmaking or ceramics). Work from this course may be incorporated in the student's senior project which is a graduation requirement and forms the hub of their senior exhibition.

Women's and Gender Studies

Social Science Department

WGS 201 Introduction to Women's and Gender Studies

Fall Semester, odd years, 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World" requirement.

Interdisciplinary course examining the cultural meaning given to gender. This course will explore the conditions and events that affect women's lives. Emphasis on women's roles in, and perspectives on, education, economics, politics, law, religion and health care. Will include a review of women in the arts and feminist philosophy.

WGS 220 Women in the Arts

Spring Semester, even years. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World" requirement.

Women in the Arts explores the role of women in various artistic fields, with particular emphasis placed on the performing arts of music, dance, and drama. Historical and contemporary personalities will be examined in terms of their contributions, and the evolution of roles will be addressed in terms of socio-cultural changes.

WGS 241 Feminist / Womanist Theory I

Spring Semester, even years. 3 semester hours.

Interdisciplinary course that traces the historical emergence of feminist scholarship across topics such as work and family, health and sexuality, creativity and politics. Along with the focus on the U.S., the course attempts to incorporate international perspectives on women and feminism.

WGS 342 Feminist / Womanist Theory II

Spring Semester, odd years. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World" requirement.

Prerequisite: IDS 112 or permission of instructor.

Interdisciplinary course that reviews contemporary feminist scholarship across topics such as work and family, health and sexuality, creativity and politics. A service learning placement is required at the SIREN / Eaton Shelter in Charlotte or at a mutually agreed upon placement. This work helps to connect the theory of feminist and womanist work to the lives of real people.

Course Descriptions

WGS / HWL 255 Women, Health and Sports

As announced, 3 semester hours.

A study of health practices and attitudes in women's sports. Special focus will be given to the unique physiology and anatomy of women, as well as health care utilization and advocacy. Topics include: consumer health awareness, health practices, consumer practices, aging, stress, cancer, drugs, mental health, and sexuality.

WGS / SA 311 Uncloseting America

Odd years. ILL.

Interdisciplinary course examining queer theory, identity, history, and activism. This course will explore the intersections of race, class, gender and sexual orientation through a "queer" lens. We will focus on increasing personal awareness, expanding knowledge, and encouraging action.

WGS / BUS 370 Women and Business

Spring Semester, even years. 3 semester hours.

Prerequisite: IDS 112 or permission of instructor.

The course will examine how women communicate in business, gender role development, managing work and family, networking and mentoring, trends in self-employment, women working abroad and other issues concerning women in the workplace.

WGS 399 Perspectives on Masculinity

As announced. 3 semester hours.

Examination of the construction of masculinity in sports, family, work and other social relationships, showing how it effects and is affected by people, institutions and society. Masculinity is defined and described in this course as a social concept that impacts everyone, both socially and personally. The course will assist students in understanding how masculinity as a social construction is related to the development of individuals.

WGS 403 Gay, Lesbian, Bisexual and Transgender Studies

As announced. 3 semester hours.

Prerequisite: WGS / SA 311 or permission of instructor.

GLBT (Gay, Lesbian, Bisexual and Transgender) Studies is designed to provide students with a survey of the interdisciplinary study of sexual orientation and gender identity, with attention to race, ethnicity, and class. We will examine the theories, methods, and major issues of this field, focusing on the complex interdisciplinary influences at work in the development of the theory and research in GLBT Studies.

WGS 415 Women in the Bible

Fall Semester, even years. 3 semester hours.

Prerequisite: IDS 112 or permission of instructor.

Satisfies Global Diversity: Living in a Diverse World" requirement.

This course is a critical analysis of women figures in biblical texts and contexts, using historical, anthropological, sociological, feminist/womanist, literary, and theological methodologies.

WGS 450 Special Topics

As announced, 3 semester hours.

Prerequisites: IDS 112 or permission of instructor.

Courses developed by individual faculty members in order to: a) serve a specific student's needs; b) meet unforeseen or one-time curriculum, industry or college needs; or c) make use of an extraordinary staffing opportunity. Topics will be announced in advance of course registration.

World Languages Humanities Department

WRL 101 Introductory World Languages I

Fall semester. 3 semester hours.

Satisfies Global Diversity: Living in a Diverse World requirement.

In introductory language courses, students learn the basic concepts of a foreign language. Practical vocabulary, pronunciation, and grammar are emphasized so that the student is able to achieve one of the primary goals of the course, meaningful communication in the language. Appreciation, awareness and an understanding of others is also of great importance, and therefore cultural aspects of the language's culture(s) are stressed.

WRL 101 Introductory World Languages II

Spring semester. 3 semester hours.

Prerequisite: WRL 101 in same language, or placement equivalent. Satisfies Global Diversity: Living in a Diverse World requirement.

Continuation of WRL 101. The approach continues to integrate cultural study while students are exposed to the four basic language skills: reading, speaking, listening and writing. The emphasis is on meaningful oral communication.

Board of Trustees, Alumni Council, Administration, Faculty

Board Of Trustees

Officers

David T. Hayhow, Chair, Okemos
The Hon. Judge Denise Page Hood, Vice Chair, Detroit
William Middlebrooks, Vice Chair, West Bloomfield
Robert M. Lawrence '57, Secretary, Grosse Ile
Stanley Dole, Treasurer, Grand Rapids

Members

G. Asenath Andrews '72, Detroit
Sandy Aranyos '68, Palm Beach Gardens, Fla.
Thomas Burke '82, Carmel, Ind.
Priscilla Upton Byrns, St. Joseph
Dennis Daugherty '70, Mattawan
Robert Ewigleben, Albion
Jamey T. Fitzpatrick '86, Grand Ledge
George F. Francis III, Southfield
Rich Hamann '85, Kalamazoo
David E. Hathaway, J.D., Ada
Rod Hathaway '81, Wayland
William N. Healy '79, Brighton
Barbara Hill, Southfield
Sharon R. Hobbs, Ph.D., East Lansing
Timothy Hodge '83, D.O., Holt
Thomas Hoisington, Lansing
Jeff Koch '90, New York, N.Y.
Thomas E. Kolassa '69, Battle Creek
Dean Lewis '55, J.D., Kalamazoo
Jeff Mathie '88, Olivet
Charles McPhail '64, Houston, Texas
Tom Nesbitt '63, White Lake
George Pyne III '65, Milford, Mass.
The Rev. Nancy Barto Rohde '65, Petoskey
Karen Van Hentenryck '81, South Lyon

Trustee Emeriti

Richard Beyer '80, Reston, Va.
Charles Blackman '46, Ph.D., Madison, Ind.
Francis "Jerry" Coomes, Lansing
Edith Kirk Crawford '79, L.H.D., Laguna Hills, Calif.
Henry Davis Jr. '83, LL.D., Grand Rapids
Elizabeth Dole, Grand Rapids
Jerry Hill, Glenn
The Rev. Mark Jensen '89, D.D., Farmington Hills
Richard Rasmussen '35, M.D., SC.D. '89, Grand Rapids
Rep. John J. H. Schwarz, M.D., Battle Creek
Charles Trubac, CLU, CPCU, East Lansing
Stephen Upton '84, L.H.D., St. Joseph

Ex Officio

Donald L. Tuski '85, Ph.D., President, Olivet College
Rich Hamman '85, President, Alumni Council, Kalamazoo

Alumni Council

R. Neal Ballheim '59, Wyandotte
Sandra Vedder Boyer '85, Saline
Dennis Daugherty '70, Mattawan
Alana Fox '03, Charlotte
Pam Heos '77, East Lansing
Lance Lancour, '02
Angel Pedelty '05, Olivet
Nancy Baugh Sahli '70, Battle Creek
Sue Topping '77, East Lansing
Woody Wilson, Jr. '69, Albion

Administrative Responsibility Team

Donald L. Tuski, 1985

President and Professor of Anthropology.
B.A., Olivet College, 1985; M.A., Ph.D., Michigan State University, 1989, 1998.

Barbara A. Spencer, 1998

Executive Assistant to the President.

Larry D. Colvin, 1993

Vice President for Administration.
B.A., Spring Arbor University, 1990.

Norma L. Curtis, 1988

Vice President and Dean for Academic Affairs;
Professor of Education. B.A., Alma College, 1969;
M.A., Michigan State University, 1988.

Todd Hibbs, 2004

Director of Development. B.A., Mount Union (Ohio)
College, 1989; M.A., Michigan State University, 1992.

Bill Kurtz, 2008

Vice President and Chief Financial Officer.
B.B.A., Western Michigan University, 1980

Linda Logan 1997

Vice President and Dean of Student Life, Professor of
Sociology and Anthropology. B.A., Saginaw Valley State
University, 1988, M.A., Central Michigan University,
1991; Ph.D., Michigan State University, 1997.

Larry Vallar, 2006

Vice President for Enrollment Management.
B.A., Olivet College, 1984.

Dominic Livedoti, 1988–1992; 2002

Director of Athletics; Head Football Coach.
B.A., Olivet College, 1965; M.A., Eastern Michigan
University, 1971.

Staff

Kim Abbott, 2008

Financial Accounts Manager.

Suresh Acharya, 1999

Information Technology Services Manager.
B.A., Olivet College, 1999.

Jeri Jo Attwell, 2001

Physical Plant Housekeeper.

Nicole M. Baker, 1996

Registrar. B.A., Olivet College, 1995.

Cynthia Ballard, 2005

Physical Plant Housekeeper.

Heather A. Bateman, 2001

Associate Athletic Director and Head Women's
Basketball Coach. B.S., Oakland University, 1996;
M.A., Wayne State University, 2001.

Dorothy M. Bigford, 1969

Administrative Assistant for Faculty. B.A., Olivet
College, 1996.

Raymond H. Bigford, 1989

Physical Plant Head Housekeeper.

Diana Boatwright, 2005

Academic Counselor and Adjunct Professor of Education.
B.A., M.A., Michigan State University, 1972, 1976.

Elizabeth Bonnell, 2005

Admissions Representative. B.A., Olivet College, 2005.

Chris Bramer, 2004

Administrative Assistant for Athletics.

Lori A. Britton, 1982

Administrative Assistant and Teacher Certification
Officer for the Education Department.

Jack Brown

Olivet Congregational Church Minister, Adjunct
Instructor of Religion.

Lane Brumm, 2001

ITS Technican System Support. MCP, CCNA, 2001.

Judith Ann Bryant, 2000

Physical Plant Housekeeper.

Nicole Burford, 2008

Assistant Women's Basketball and Track and Field
Coach, HPERS Instructor. B.A., Oberlin College, 2005
M.A., Western Michigan University, 2007.

Brandon Brissette, 2009

Head Wrestling Coach, HPERS Instructor. B.A.,
Wartburg College, 2005; M.A., Heidelberg College, 2008.

Staff

Sylvia Burkett, 2003
Bookstore Manager.

Melissa L. Casarez, 2002
Associate Director of Admissions. B.A., Olivet College, 2002.

Ute H. Chase, 1993
Physical Plant Office Coordinator. Certified in Business Administration: Berufsbildungsschule, Germany.

Ed Collins, 2003
Physical Plant Housekeeper.

James F. Collins, 2001
ITS Technician. A.A.S.(3), Kellogg Community College, 1998, 1998, 2001; B.A.S., Siena Heights College, 2002.

Suzanne Colvin, 2007
Administrative Assistant to the Vice President and Dean for Student Life.

Andrew Cooper, 2008
Physical Plant Utility Person.

Jean Paul Cortes , 2009
AmeriCorps Vista. B.A., Olivet College, 2009.

Mark Deruiter, 1992
Controller. B.B.A., Nazareth College, 1988.

Lance Elyea, 2009
Grounds.

Brenda Eubank, 2002
Senior Account Specialist

Judy M. Fales, 1992
Library Assistant. International Students Co-Advisor. B.A., University of Georgia, 1976.

Michael F. Fales, 1992
Director of Service Learning and Campus Ministries; Assistant Professor of Religious Studies, International Students Co-Advisor. B.A., Olivet College, 1975, M.Div./M.Min., Earlham School of Religion, 2007.

Debra K. Farmer, 1986
Business Office Specialist—Junior Accountant/Accounts Payable/Student Loan Processor.

James T. Farnum, 2000
Head Softball Coach; Assistant Professor of HPERS. B.A., Alma College, 1993.

Laura Neusiis, 2008
Admissions Representative. B.A., Olivet College, 2004

Pam Frayer, 1999
Development Information Specialist.

Gene Gifford, 2007
Head Men's Basketball Coach. B.A., Olivet College, 1973

Debra J. Gingrich, 1992
Wellness Center part-time Medical Assistant/Secretary.

Molly Goaley, 2007
Managing Editor, *Shipherd's Record*. B.A., Olivet College, 2005.

Angela Goodman, 2008
Head Men's and Women's Track and Field/Cross Country Coach, Director of Career Services Network. B.A., Purdue University, 1988

James Goodnoe, 2001
Physical Plant Housekeeper.

Aaron Gunther, 2008
Head Athletic Trainer. B.S. Western Michigan University; M.Ed., University of Central Oklahoma.

Cari Hankerd, 2009
Admissions Representative. B.A., Western Michigan University, M.A., Michigan State University.

Sandra K. Harmon, 2002
Physical Plant Housekeeper.

Jeff Hayes, 2008
Facilities Supervisor.

Ed Heator, 2004
Development Officer. B.A., Olivet College, 1980.

Michael Hebenstreit, 1999
Physical Plant Maintenance Utility Person.

Brian Heisler, 1992
Physical Plant Tradesperson.

Christine D. Heisler, 1995
Physical Plant General Services Supervisor.

Fred H. Heisler, 1992
Physical Plant Plumber.

Marja A. Hendrick, 1977
Technical Services Librarian. B.A., Co-educational Normal Lyccum of Helsinki, Finland, 1970.

Geoffrey M. Henson, 2002
Sports Information Director. B.A., Baldwin-Wallace College, 2001.

Korey Heppard, 2007
Campus Safety.

Margaret Heppner, 2007

Administrative Assistant for Enrollment Management.

Todd Hibbs, 2004

Director of Development B.A., Mount Union (Ohio) College, 1989; M.A., Michigan State University, 1992.

Elaine R. Hoeltzel, 1999

Library Circulation Supervisor. B.A., Olivet College, 1981.

Brenda Hopkins

Chartwells Dining Services.

Libby Jean, 2006

Director of Financial Aid. B.A., Davenport University, 2000.

Marty Mason Jennings, 2002

Director of Alumni Relations. B.A., Olivet College, 1967.

Demetrius Jones, 2007

Assistant Football Coach.

B.A., Western Michigan University, 1984

Nick Juday, 2004

Assistant Professor, HPERS Department. B.A., Manchester, (Ind.) College, 1996; M.A., Physical Education, Western Michigan University, 2000.

Diane Kirkham, 2006

Administrative Assistant to the Academic Dean.

Blaine Knapp, 2005

Safety Officer.

Bob Kubiak, 2005

Assistant Head Football Coach. B.S. Olivet College, 1982, M.A. Western Michigan University, 1998.

Lisa Lehman, 2006

Admissions Representative, B.A., Olivet College, 2002

Stephen Lewis, 2003

Safety Officer.

Dominic Livedoti, 1988–1992; 2002

Director of Athletics, Head Football Coach. B.A., Olivet College, 1965; M.A., Eastern Michigan University, 1971.

Janice Love, 2001

Physical Plant Housekeeper.

Adam Lyng, 2008

Assistant Swimming and Diving Coach, Campus Safety. B.A., Hope College, 2003

Bill Maas, 1989–1995; 2002

Academic Counselor, Head Women's Golf Coach and NCAA Compliance Coordinator. B.A., Olivet College, 1989.

Ted Mahan, 2006

Head Baseball Coach. B.A., M.A., University of Michigan, 1977, 1991.

Ben Marciniak-Jennings

Chartwells Dining Service Director.

Betsey Mauro, 2008

Center for Congregational Leadership.

Chauncey McDaniel, 2004

Physical Plant Utility Person.

Mary Anne McMullen, 2000

Women's Tennis Coach. B.A., Olivet College, 2001.

Jason Meadows, 2003

Academic Resource Center Assistant. B.A., Olivet College, 2003, M.A., Spring Arbor University, 2006.

Glen Metcalf, 2007

Assistant Athletic Director, Assistant Men's Basketball Coach. B.A., Southern Colorado State College, 1973.

Michelle Michalek, 2007

Dole Hall Director. B.A., Olivet College, 2007

John Miller, 2006

Head Volleyball Coach. B.A., Western Michigan University, 1996.

Ronda Miller, 2007

Admissions Representative. B.S., Michigan State University, 1992; M.A., Western Michigan University, 2006.

Hans Morgan, 2000

Head Women's Soccer Coach. B.A., Western Michigan University, 1996.

Gary A. Morrison, 1967

Head Men's Golf Coach; Professor Emeritus of Civilization Studies. B.A., Kalamazoo College, 1957; M.A., Western Michigan University, 1965.

Jamie Norton, 2008

Physical Plant housekeeper.

Martha O'Dell, 2000

Director of Wellness Center. B.S.N., University of Michigan, 1972; M.A., Western Michigan University, 1992.

Staff, Faculty

Myrna Pedelty, 1999

Library Assistant, A.A., Northern Arizona University, 1973.

Gretchen Peters, 2008

Library Assistant.

Marty Pierson, 2002

Physical Plant Maintenance Tradesperson.

Maria Ramon, 2009

Customer Service Specialist for Student Services

Phil Reed, 2003

Director of Campus Safety, Director of Criminal Justice Program, Assistant Professor of Criminal Justice. B.A., Hope College, 1977; M.P.A., Western Michigan University, 2001.

Jane Reiter, 2007

Library Director. B.F.A., Indiana University, 1982; M.F.A., University of Kansas, 1985; M.L.S., Drexel University, 1992.

Becky L. Roberts, 2002

Mailroom Supervisor.

Jacob Schuler, 2004

Blair Hall Director. B.A., Kansas State University, 2004.

Justin Smelter, 2007

Admissions Representative. B.A., Olivet College, 2007.

Heather Sjoquist, 2008

Assistant Athletic Trainer. B.S., Grand Valley State University, 2006; M.S., Western Michigan University, 2008.

Barbara J. Smith, 1989

Physical Plant Painter/Utility Person. B.F.A., Michigan State University, 1982.

Cathy Smith, 2006

Data Application Specialist for Enrollment Management.

Larry Smith

Director of African-American Cultural Center, Assistant Football Coach. B.A., Wayne State University, 1982; M.A., Grand Valley State University, 2000

Mike Smith, 2008

Assistant Football Coach, Sophomore Retention Officer. B.A., Michigan State University, 1976.

Bruce Snyder, 2003

Director of Publications and Web Services. B.F.A., Center for Creative Studies, 1984.

Michael Sparks, 2006

Strength and Conditioning Coach, Assistant Football Coach. B.A., Hope College, 1992.

Marie Steele, 2006

Insurance Program Coordinator.

Chris Stewart, 2008

Assistant Football, Track and Field, Strength and Conditioning Coach, HPERS Instructor. B.A., Adrian College, 2003; M.A., Michigan State university, 2007.

Leslie Sullivan, 2008

Assistant Registrar.

Jacob Taber, 2007

Head Swimming and Diving Coach, Aquatics Director. B.A., Hope College, 2004.

Dianne Thomas, 2006

Director of Betsy Dole Women's Resource Center. B.S., Southern Illinois University, 1979

Shannon Tiernan, 2002

Director of Foundation Relations and Special Events. B.S., Michigan State University, 1999.

Ponja Vahs, 1996

Administrative Assistant for Institutional Advancement. B.A., Olivet College, 2003.

Sarah Vanden Heuvel, 2008

Financial Aid Officer. B.A., Olivet College, 2008.

Matt Wait, 2001

Director of the Global Citizens Honors Program; Director of Judicial Affairs; Assistant Professor of Interdisciplinary Studies. B.A., Olivet College, 1999, J.D. Michigan State University, 2003.

Tamyra S. Walters, 1990

Director of Housing, Conferences and Special Events. B.A., Olivet College, 1980.

Erica Weaver, 2007

ITS Coordinator.

Lisa Webb, 1997

Payroll Specialist. B.A., Olivet College, 2000.

Chad Wiseman, 2009

Head Men's Soccer Coach.

Kathi L. Wireman, 1998

Physical Plant Housekeeper.

Therese E. Wood, 1994

Director of Human Resources. B.A., Olivet College, 2007.

Faculty

Regina Armstrong, 2006

Chair, Social Science Department, Assistant Professor of Criminal Justice. B.S., Ferris State University, 1997; M.S., Ferris State University, 2006.

Laura A. Barlund-Maas, 1990

Associate Professor of English. B.A., Olivet College, 1988; M.A., Vermont College of Norwich University, 1994.

Dina Battaglia, 2008

Associate Professor of Psychology. B.S. Arizona State University, 1993; M.S., Ph.D., Texas Christian University 1996, 1999.

Ross Bohms, 2008

Chair, Mathematics and Computer Science Department, Assistant Professor of Mathematics. B.A., Olivet College, 1971; M.A., Michigan State University, 1975.

Carol A. Breed, 2001

Associate Professor of Business and Insurance. B.A., Olivet College, 1998; J.D., Cooley Law School, 2001.

Dustin Byrd, 2008

Assistant Professor of Interdisciplinary Studies, Sophomore Retention Officer. B.A., M.A., Western Michigan University, 2000, 2004.

Karen Chaney, 2008

Assistant Professor of Religious Studies and Ethics. B.A., Michigan State University, 1980; M.Div., Harvard Divinity School, 1987; Ph.D., Berkeley, 2007.

Norma L. Curtis, 1988

Professor of Education; Vice President and Dean for Academic Affairs. B.A., Alma College, 1969; M.A., Michigan State University, 1988.

Marcus M. Darden, 2001

Assistant Professor of Computer Science. S.B., Massachusetts Institute of Technology, 1992; M.S., University of Michigan, 2000.

Maria G. Davis, 1994

Chair, Natural and Physical Science Department, Professor of Biology. B.S., Siena Heights College, 1983; M.S., Bowling Green State University, 1985; Ph.D., Michigan State University, 1989.

James T. Farnum, 2000

Assistant Professor of HPERs; Head Softball Coach. B.A., Alma College, 1993.

Michael F. Fales, 1992

Director of Service Learning and Campus Ministries; Assistant Professor of Religious Studies, International Students Co-Advisor. B.A., Olivet College, 1975, M.Div./M.Min., Earlham School of Religion, 2007.

Patrick Fields, 2008

Assistant Professor of Biology. B.S., University of California, Davis, 1977; M.A., University of California Berkeley; Ph.D., 1983; Ph.D., Michigan State University, 1996.

Timothy S. Flynn, 2002

Chair, Performing Arts Department, Assistant Professor of Music. B.Mus., George Mason University, 1986; M.Mus., Ph.D., Northwestern University, 1987, 1997.

Michael Fredericks, 2002

Assistant Professor of Computer Science. B.B.A., Northwood University, 1998, M.A., Central Michigan University, 2007.

Charles A. Graessle, 1980

Professor of Psychology, Director of Institutional Research. B.A., University of Illinois at Chicago Circle, 1970; M.A., Ph.D., University of Illinois, 1971, 1978.

Kirk Hendershott-Kraetzer, 1999

Chair, Humanities Department, Associate Professor of Humanities. B.A., Hope College, 1987; M.F.A., Western Michigan University, 1990; Ph.D., Michigan State University, 1999.

John S. Homer, 1979

Chair, Business Administration Department; Professor of Economics; Civilization Studies Program Director. B.A., Western Michigan University, 1968; M.A., Ph.D., University of Hawaii, 1969, 1991.

Susan M. Houston, 1989

Professor of Business. B.S., Ferris State University, 1973; M.B.A., Western Michigan University, 1977.

Michael R. Hubbel, 1985-1989; 1995

Professor of Risk Management and Insurance; Director of the Insurance Program. B.A., Michigan State University, 1976; M.B.A., The College of Insurance, 1994.

Nick Juday, 2004

Assistant Professor, HPERs Department. B.A., Manchester, (Ind.) College, 1996; M.A., Physical Education, Western Michigan University, 2000.

Leah R. Knapp, 1990

Professor of Biology. B.S., Cook College at Rutgers University, 1981; D.V.M., Michigan State University, 1986.

Susanne M. Lewis, 2004

Assistant Professor of Chemistry. B.S., Regis College; Ph.D., University of New Hampshire, 2004.

Faculty

Linda Logan, 1997

Vice President and Dean of Student Life, Professor of Sociology Anthropology. B.A., Saginaw Valley State University, 1988, M.A., Central Michigan University, 1991; Ph.D., Michigan State University, 1997.

John Miller-Purrenhage, 2004

Asst. Professor of English. B.A., Kalamazoo College, 1993; M.A., Michigan State University, 1995; Ph.D., Michigan State University, 2004.

Samantha Myers, 2008

Assistant Professor of Interdisciplinary Studies, Sophomore Retention Officer. B.A., Western Michigan University, 2003; M.A., Indiana State University, 2006.

Jeananne Nichols, 2004

Assistant Professor of Music. B.Mus., Carson-Newman College, 1988, M.M., University of Tennessee, 2001, D.M.A., Arizona State University, 2006.

Cynthia Noyes, 1995

Associate Professor of Sociology/Antropology; Pre-law Program Director. B.A., University of Illinois, Urbana, 1978; J.D., Franklin Pierce Law Center, 1984.

Martha Perkins, 2000

Associate Professor of Humanities. B.A., Trinity University, 1993; M.A., University of East Anglia, Norwich, England, 1994; Ph.D., University of Houston, 2000.

Janine Peters, 2002

Assistant Professor of Mathematics and Computer Science. B.S., Lawrence, 1986; M.A. Wayne State University, 1988.

Phil Reed, 2003

Director of Criminal Justice Program, Assistant Professor of Criminal Justice, Director of Campus Safety. B.A., Hope College, 1977; M.P.A., Western Michigan University, 2001.

Donald C. Rowe, 1968

Chair, Department of Interdisciplinary Studies, Professor of Art; Director of Self and Community Program. B.S., Illinois Institute of Technology, 1966; M.F.A., University of Hartford, 1968.

Thomas Sampson, 2007

Chair, Department of Education. Assistant Professor of Education. B.S., M.A., Eastern Michigan University, 1968, 1972; Ph.D., Michigan State University, 1980.

Susan Settle, 2006

Assistant Professor of Education. B.A., M.A., Michigan State University, 1972, 1979.

Gary Smith, 2007

Assistant Professor of Journalism. B.A., The College of William and Mary, 1977; M.A. University of Colorado, 2007.

Renee Smith, 2009

Assistant Professor of Business Administration. B.B.A., Western Michigan University, 2000; M.S.A., Western Michigan University, 2006.

Donald L. Tuski, 1986

President, Professor of Anthropology. B.A., Olivet College, 1985; M.A., Ph.D., Michigan State University, 1989, 1998.

Nancy Van Hoozier, 1992

Associate Professor of HPERs. B.S., Fort Hays State University, 1985; M.Ed., University of Kansas, 1992.

Matt Wait, 2001

Director of the Global Citizens Honors Program; Director of Judicial Affairs; Assistant Professor of Interdisciplinary Studies. B.A., Olivet College, 1999; J.D. Michigan State University, 2003.

Donald E. Walker, 1965

Professor of History. A.B., Indiana University, 1963; M.A., University of South Dakota, 1964; Ph.D., Michigan State University, 1982.

Gary Wertheimer, 1986

Professor of Art; Chair, Visual and Performing Arts Department and Director of Visual Arts Program. B.A., Brooklyn College, 1974; M.F.A., University of Michigan, 1986.

Marco Wiedenhoft

Assistant Professor of Physics and Mathematics. Ph. D., Western Michigan University, 2003.

Arthur E. Williams, 1997

Associate Professor of Interdisciplinary Studies. B.A., M.A., University of Maryland, 1977, 1979; Ph.D., Ohio State University, 1984.

Joanne A. Williams, 1998

Assistant Professor of Journalism, Faculty Adviser for *The Echo*. B.S. University of Maryland, College Park, 1980; M.A., California State University, M.A. 2003.

Charles A. Wilson, 1999

Associate Dean for Academic Affairs; Associate Professor of Education. B.S., M.A., Ph.D., Michigan State University, 1975, 1978, 1996.

John H. Wilterding, 1996; 2000

Assistant Professor of Biology. B.S., University of Wisconsin, Stevens Point, 1988; M.S., Ph.D., Michigan State University, 1992, 2000.

Michelle Woodhouse-Jackson, 2003

Assistant Professor of Business. B.S., Norfolk State University, 1996; M.B.A., Baruch College, 2002.

President Donald L. Tuski '85, Ph.D.

Donald L. Tuski was appointed president of Olivet College in October 2001. He is the 26th president to lead the college since its founding in 1844.

Tuski's association with Olivet College began in 1981, when he enrolled as a freshman. After graduating *cum laude* in 1985 with a bachelor's degree in biology, he became a resident educator. In 1986, Tuski was named an adjunct instructor in science. From 1988 to 1992, he served as head coach of the college's women's soccer program. Tuski was named assistant professor of science in 1991; associate vice president for academic affairs in 1998; vice president for academic affairs in 1999; and in July 2001, acting president.



In the mid-1990s, Tuski was one of the principle architects of the college's new vision, *Education for Individual and Social Responsibility*. He also worked closely with the college community on the creation and implementation of *The Olivet Plan*. This education system challenges students to learn from the full range of their experiences — classroom, employment, athletics, residence life, Greek life, student organizations — during their time in college. In 1997, Tuski led the effort that resulted in the writing and passage of *The Olivet College Compact*.

Tuski has received several academic honors, most recently the Michigan Campus Compact Faculty/Staff Community Service Award. He has received numerous awards from his colleagues for teaching and research and has been honored by his students for excellence in mentoring and teaching.

Tuski earned a master's degree and a doctorate in anthropology from Michigan State University. His family includes wife, Louise, an adjunct assistant professor in the college's theatre program, and two children, Ian and Kenna.