



Albright College Catalog 2025-2026
Volume III

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Accounting

ACC100

Accounting for Non-Business Majors

This course is designed for non-accounting managers who must work with and understand internal accounting/financial data--without overemphasizing the detailed mechanics and technical language of accounting. It is also appropriate for entrepreneurs and business owners who desire a greater understanding of what accounting and financial information systems can and should be supplying to them.

Credits: 3.00

ACC101

Financial

An introduction to basic accounting theory and principles for recording, summarizing, and reporting financial data. Course study emphasizes the analysis of business transactions and the understanding and preparation of financial statements.

GENERAL STUDIES FOUNDATIONS- QUANTITATIVE REASONING

Credits: 3.00

ACC104

Introduction to Individual Taxation

This course is designed to provide a basis understanding of the current federal income tax formula pertaining to individual taxpayers. This course covers topics, such as the federal income tax formula, gross income inclusions and exclusions, capital gains and losses for investments, and an overview of tax credit. The course will be partnered with Intuit Academy, which provides individual taxation videos and content.

Prerequisite: ACC101

Credits: 3.00

ACC110

Computer Applications/Business Environment

An introduction to the use of computers as an accounting and business management tool. Students will use various packages to prepare forecasts, budgets, financial statement analyses, and management reports.

Credits: 3.00

ACC183

Introductory Special Topics

Introductory Special Topics

Credits: 3.00

ACC201

Intermediate I

An introduction to the conceptual framework of accounting. Corporate financial statements and related accounting and reporting issues are studied in depth. The time value of money, investments, and operating assets are among topics discussed.

Prerequisite: ACC101

Credits: 3.00

ACC202

Intermediate II

The study and analysis of accounting and reporting problems associated with earnings per share, pensions, leases, deferred taxes, and cash flow statements. Prerequisite: ACC201 or permission of instructor.

Prerequisite: ACC201

Credits: 3.00

ACC220

Managerial

Managerial accounting is an introduction to how accounting information is used by management in planning, controlling, and decision-making processes. A framework for measuring managerial performance is developed through an analytical treatment of cost behavior under dynamic conditions by employing tools such as job costing, process costing, activity-based costing, variable costing, cost estimation, cost-volume-profit analysis, budgeting, standard costing, differential costing, and capital budgeting. The use of costs in decision-making contexts is emphasized. Prerequisite: ACC101

Credits: 3.00

ACC282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

ACC325

Cost Accounting

Cost accounting provides key data to managers for planning and controlling, as well as for costing products and services. This course will examine the accountant's role in the organization as both decision-maker and data provider. Some of the topics covered include relevant costs and the decision process, inventory management and variance analysis. Prerequisite: ACC101

Prerequisite: ACC101

Credits: 3.00

ACC330

Tax Accounting

An introduction to the federal income tax code as it relates to individuals and business entities. The course covers income, deductions and losses comprising taxable income, property transactions, and the determination of tax liability. Application of the tax law is practiced with basic tax research, tax planning, and tax return preparation. Prerequisite: ACC101

Prerequisite: ACC101

Credits: 3.00

ACC331

Advanced Tax

Advanced study of tax law with emphasis on the formation and operation of business entities. An introduction to tax issues relating to gifts, estates, trusts, and state taxes. Tax research and case analysis for corporations, property transactions and other selected topics. Prerequisite: ACC330 Prerequisite: ACC330

Credits: 3.00

ACC338

Advanced Accounting

The study and analysis of accounting and reporting principles for a variety of business entities and for not-for-profit organizations. Topics include business combinations, partnerships, multinational operations, SEC reporting, and fund accounting. Prerequisite: ACC202

Prerequisite: ACC202

Credits: 3.00

ACC360

Corporate Governance & Reporting

The rise in fraudulent financial reporting and the failure of the independent audit function initiated Congressional action and new regulations for publicly traded corporations. Security and Exchange Commission (SEC) mandates significantly impacted the responsibility of corporate management and brought historical changes in corporate governance, internal controls and financial reporting. This course explores highlights of the new regulations and how corporations respond to expectations and disclosures implemented to improve corporate governance and financial reporting. Participants study and analyze traditional and changing issues of reporting, with a focus on corporate visions, missions and strategies as reflected in a company's financial information and reports.

Prerequisites: ACC 201 and 202

Credits: 3.00

ACC382

Inter Internship#

Internships provide the opportunity for students to integrate their academic studies with

relevant professional work experience. Internships are considered independent study and are subject to departmental approval and supervision. In addition to job performance and evaluation, students

must prepare written reports and oral presentations.

Prerequisite: ACC202 Credits: 3.00

ACC408

Auditing

A comprehensive introduction to the audit environment through the study of generally accepted auditing standards, the Code of Professional Ethics, and legal liability. An in-depth coverage of the independent audit function, including risk analysis, planning, the study and evaluation of internal control, audit procedures, and audit reports.

Prerequisite: Senior status or permission of instructor

Credits: 3.00

ACC428

Fraud Examination

This course explores the theories, practices and schemes inherent in fraudulent financial statements, corruption and asset misappropriation. This course emphasizes the issues and problems of business enterprises and the critical role of management and auditors in preventing and detecting fraudulent activities. Students read, review, discuss and analyze cases, which encompass financial reporting, criminology and ethics, forensic reporting and audit engagements. They will prepare independent research reports on selected areas of interest in accounting, business or criminology. Prerequisite: Senior status or junior status with permission of instructor Prerequisite: ACC101

Credits: 3.00

ACC470

Strategic Cost Management

Management personal, in all organizations, utilize cost accounting principles and methods for strategic decision-making. Costs control, resource allocation, cash flows management, budgeting, risk analysis and uncertainties are all part of a mission and strategy for development, growth and operations. This course integrates quantitative methods and management visions and strategies to measure and evaluate performance in actual case settings. Using individually selected organizations, students identify visions, missions and plans for strategic position.

Assessments and conclusions are prepared using financial reports and analysis.

Prerequisite: ACC 325

Credits: 3.00

ACC480

International Accounting Seminar

A study of the rapidly emerging field of international accounting and the accounting issues affecting multinational corporations, with a closer look at the complexities of

dealing with information across national boundaries. Prerequisite: ACC201, 202 and Senior Standing
Prerequisite: ACC202
Credits: 3.00

ACC482

Adv Internship

Internships at this level involve a great degree of responsibility and involvement. Enrollment requires the student to have completed extensive course work in an area of concentration.
Credits: 3.00

Accounting, School of Professional Studies

ACC492 Seminar

Study of current issues and developments in accounting theory, corporate reporting, professional standards, and international topics with selected readings, case analysis, and discussion. Intensive individual research on selected topics with a senior thesis and paper presentation. Prerequisite: Senior Standing
Credits: 3.00

ACT201

Financial Reporting I

An in-depth study of Generally Accepted Accounting Principles (GAAP). The course will cover the accounting framework; the preparation of the four financial statements and footnote disclosure requirements. Students will focus on applying GAAP standards for reporting current and long term assets and the footnote disclosure requirements.
Credits: 3.00

ACT202

Financial Reporting II

An in-depth study of Generally Accepted Accounting Principles (GAAP). The course will cover the GAAP requirements for current and long-term liabilities and stockholders' equity. Students will focus on applying the GAAP standards for reporting current and long-term liabilities and the footnote disclosure requirements.
Prerequisite: ACT201 Min Grade: C or ACT201
Credits: 3.00

ACT301

Financial Reporting II

An in-depth study of Generally Accepted Accounting Principles (GAAP). The course will cover the GAAP requirements for current and long-term liabilities and stockholders' equity.

Students will focus on applying the GAAP standards for reporting current and long-term liabilities and the footnote disclosure requirements.

Prerequisite: ACT201 or ACT201

Credits: 3.00

ACT302

Cost Accounting

Key data to managers for planning and controlling, as well as for costing products and services; including cost behavior, job costing differential analysis, capital budgeting, process costing, cost-volume-profit analysis and more.

Credits: 3.00

ACT303

Individual Tax and Planning

The objective of this course is to provide the student with an understanding of the current federal tax laws pertaining to individual taxpayers and the practical preparation of individual tax returns using a tax software application. The course will include the topics, such as, an understanding of tax research, gross income, deductions for and from adjusted gross income, depreciation, employee and self-employed deductions, gains and losses on personal and business property transactions, reporting of rental income and an overview of tax credits.

Prerequisite: ACT202 or ACT202

Credits: 3.00

ACT304

Entity Tax

The objective of this course is to provide the student with an understanding of the current federal tax laws pertaining to Corporations, Partnerships, and S-Corporations. Students will apply this knowledge to perform research and prepare tax returns using business tax software. This course will teach the student to understand the tax and non-tax implications pertaining to various business formation, operations, distributions and liquidations. Lastly, students will learn the basics associated with accounting for income taxes. Prerequisite:

ACT303

Credits: 3.00

ACT305

Advanced Accounting

The students will understand and apply Generally Accepted Accounting Principles used when reporting partnership formation and liquidation, the recording of investments using the equity method, apply the acquisition methodology and prepare the journal entries to record a business combination, create consolidated financial statements, prepare the foreign currency transaction using the two-transaction accrual approach, remeasure foreign financial statements and create state and local governmental financial statement

Prerequisite: ACT201
Credits: 3.00

ACT401

Auditing

A comprehensive introduction to the audit environment through the study of generally accepted auditing standards, the Code of Professional Ethics and legal liability. An in-depth coverage of the independent audit function, including risk analysis, planning, the study and evaluation of internal control, audit procedures and audit reports.

Prerequisite: ACT301, ACT302, ACT305
Credits: 3.00

ACT402

International Accounting

A study of the rapidly emerging field of international accounting and the accounting issues affecting multinational corporations, with a closer look at the complexities of dealing with information across national boundaries.

Prerequisite: ACT201, ACT301, ACT302, ACT303, ACT305, ACT401, BSA105 & BSA345
Credits: 3.00

Addiction Studies, School of Professional Studies

ADS220

Theories/Treatment Addictive Behaviors

This course is an overview of the major theories of addictive behaviors and their corresponding treatment approaches. The disease, cognitive, psychoanalytic, behavioral, multicultural, public health and prevention model explanations for the origins of addictions will be examined along with the applications of the various techniques used by each model in treatment.

This course satisfies elective credit and 1 of 5 courses needed for the Addiction Studies minor or certificate of Professional Studies.

Prerequisite: ENG 101.
Credits: 3.00

ADS250

Group Dynamics

This course will focus on how the social environment affects behavior and decision-making processes. This course will also provide some framework for the course on Human Diversity/Cross-Cultural Issues.

Credits: 3.00

ADS294

Drugs/Addictions/Soc

This course is an overview of the complex interdependence of alcohol, other drug and addictive behavior issues presented in both an individual and a cultural context. The major theoretical perspectives of addictive behavior will be examined as well as the psychological and social approaches to understanding and treating addictive behaviors among various groups found around the world. The global impact of addictive behavior, drug trade and drug laws on society will also be examined. This course satisfies elective credit and 1 of 5 courses needed for the Addiction Studies minor or certificate of Professional Studies.

Prerequisite: ENG 101.

Credits: 3.00

ADS310

Family Systems & Addiction

This course will explore different family systems theories of addictions and the impact of addictive behaviors on the family system, along with treatment strategies used with families.

Prerequisite: ENG101

Credits: 3.00

ADS320

Addictive Behavior & Special Populations

This course will examine addictive behaviors among populations susceptible to addictions, such as adolescents, the elderly, military veterans, ethnic minority groups and others. Special concern will be given to origin, prevention, and assessment, with a focus on the application of culturally sensitive interventions. This course satisfies elective credit and 1 of 5 courses needed for the Addiction Studies minor or certificate of Professional Studies. Prerequisite: ENG 101.

Credits: 3.00

ADS330

Addictive Behaviors & Lifespan Develop

This course focuses on the impact of substance use and addictive behaviors in the environment and by the individual themselves in each of the developmental periods across the lifespan beginning with conception and ending with later adulthood. The biological, cognitive and socioemotional effects of addictive behaviors in each developmental period will be examined.

Prerequisite: APS130 and ENG101

Credits: 3.00

ADS340

Addiction & the Brain

Addiction and the Brain explores brain-behavior aspects of addiction. The primary goal of this course is to showcase how drugs alter the brain and central nervous system and how

these changes impact behavior and society. The course highlights how human neuroscience is applied to the understanding of addiction and links the impact of brain-based discoveries to prevention and intervention. Prerequisite: APS130 and ENG101
Credits: 3.00

ADS390

Assessment/Substance Abuse Disorders

This course is an introduction to the basic assessment, counseling skills, and techniques used in the treatment of substance use disorders and addictive behaviors. An emphasis will be placed on screening, assessment, treatment planning, referral, and ethical responsibilities. Students will use case studies to apply the techniques. Please contact your Enrollment Advisor, if you are not able to register due to prerequisites. Prerequisites: ADS220, ADS310, ADS320, ADS294.

Prerequisite: ADS220, ADS294, ADS310, ADS320, and ENG101

Credits: 3.00

ADS410

Intro to Motivational Interviewing

This course will introduce students to motivational interviewing (MI), an empirical based approach in which the motivation to change is facilitated in individuals who are ambivalent to change. Originally developed for alcohol use disorders, motivational interviewing is also effective in eliciting the intrinsic motivation to change in other health-related behaviors and can be used in a variety of settings. In addition to learning about the origin of MI, its methodology, theories and research, role plays will be used. Prerequisite: APS130 and ENG101

Credits: 3.00

Africana Studies

AFR101

Introduction to Africana Studies

Through a cultural studies approach to the Afrodiaspora, the Introduction to Africana Studies course explores the shared, diverse, and even divergent cultural practices and perspectives of Afrodescendent people around the globe. As we examine the visual, musical, and literary texts we position the experiences, knowledges, and talents as central to answering these questions: How do we define the Afrodiaspora? How does the study of the Afrodiaspora help us imagine blackness as integral to global intellectual, creative, and socio-economic institutions? Together we will reflect on how anti-blackness pervades in society even within the Afrodiaspora since blackness as a concept exists even when it is invisible.

GENERAL STUDIES-FOUNDATIONS--HUMANITIES

Credits: 3.00

Anthropology

ANT101

Introduction to Cultural Anthropology

Anthropology is an inherently interdisciplinary exploration of the study of humanity in all its glory and problems. This course examines humans holistically. It covers such diverse topics as human evolution to religion. Cross-cultural comparisons of a variety of human behaviors provide insights to the question of what it means to be human. Satisfies general studies social science requirement.

FOUNDATIONS-WORLD CULTURES

Credits: 3.00

ANT183

Introductory Special Topics

Introductory Special Topics

Credits: 3.00

ANT250

Forensic Anthropology

This course introduces analytical methods, perspectives, knowledge, and professional procedures utilized by forensic anthropologists to investigate medical questions in criminal and other legal cases. We will also learn about ways forensic anthropologists work in teams with other scientists, and collaborate closely with medical examiners, coroners, police departments, the military, courts, and other local, regional, and federal authorities. Culturally well contextualized forensic anthropological case material from the United States and Canada will be additionally visualized, explored, and understood through the use of photos, line drawings, diagrams, descriptions, and practical exercises provided by a major textbook on this subject, which also will enable us systematically to examine major topics in forensic anthropology.

Credits: 3.00

ANT265

Ecological Psychology

The objectives of this course are: to understand the psychological origin and scope of current environmental problems and how they relate to our values, attitudes and behaviors; to study human experiences and behavior in its environmental, political, and spiritual context; to question the human institutions and values that lead to environmental problems; and to explore the role of humans within the larger ecosystem. (Cross-listed as IDS 265 and PSY 265)

Credits: 3.00

ANT270

People of the World

This course will examine the way people live from around the world. This will be accomplished through ethnographies and films. All forces which may have combined to produce a particular way of life will be incorporated in the analysis. These will include ecology, history, politics, economics, etc. The groups selected for analysis will be predominantly of non-western origins. Students should emerge with a broader and more sophisticated understanding of humans and their cultural diversity and universality.

CONNECTIONS-GLOBAL

Credits: 3.00

ANT283

Special Topics in Anthropology

Special Topics in Anthropology

Credits: 3.00

ANT285

Human Animal

What are humans and how did we get to be the way we are? How do we live? What makes us act the way we do? Are we moral? How do we effect other species and the world around us? These are the questions we shall investigate in this course, and to answer them we will take an interdisciplinary approach drawing on the disciplines from both the natural (biology, ecology) and social (anthropology, sociology) sciences to provide insights into the heart and soul of the human species. After examining the process of natural selection, we will explore how it forged modern Homo sapiens over the last five million years. We will then look at the finished product both in terms of our mental and physical characteristics. We shall complete this investigation by examining how we (humans) tend to interact with other species and our surrounding environment. It is hoped that many of the complexities and confusion about who we are will become clearer as we develop an understanding of both our capabilities as well as our limitations. Overall, students should gain a more complete comprehension of who they are as a member of the human species.

GENERAL STUDIES- GLOBAL CONNECTIONS

Credits: 3.00

ANT303

Food & Culture

This course explores why we eat what we eat. What affects you in your eating decisions? We will examine all the factors that go into these most significant decisions for all humans. We will find that there is a complex group of influences starting with our biological adaptations for hunger and appetite, extending through ecology, and culminating with cultural influences. This process will require you to draw from your past courses, which have exposed you to a variety of perspectives about reality. You will need to synthesize these different ideas and apply them to the specific questions about food use. You will find

that this more comprehensive perspective used in combination with critical thinking will enable you to understand the complexities to the answer of why we eat the foods we eat and why cultures differ.

Credits: 3.00

ANT310

Crime, Culture & Conflict Resolution

This course introduces students to the "law ways" of different societies, in particular non-industrialized societies. The goal is to explore the extent to which different societies employ coercion, punishment and consensus in order to maintain order and resolve conflicts. Topics include rules and crime, the cultural basis of right and wrong, informal and ritualized disputing, conflict theory and conflict resolution (avoidance, community action, ritual reconciliation, negotiation and mediation), oaths, ordeals and punishment, adjudication and codified law, feuding, raiding and warfare.

Credits: 3.00

ANT320

Sex/Gender/Culture

This course introduces students to the diversity of roles that men and women occupy in a wide variety of societies. The course covers topics such as the biological basis of sex differences, primate studies as windows into human sexuality and social life, feminist perspectives on evolution, gender complementarity, the cultural construction of gender differences, religious ideas about women as both polluting and powerful, notions of masculinity (vis-a-vis femininity), and the impact and spread of capitalism on the position of men and women.

CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

ANT342

Human Evolution

How humans came to be what they are today is one of the most intriguing and interesting topics that can be examined. We can gain powerful and enlightening insights into the mystery of the human animal: how did we come to be; what is our evolutionary legacy; why do we act the way we do; what might we expect in the future. We will explore human origins starting with the evolution of primates. We will then focus on hominids commencing with their split from chimpanzees and tracing their transitions to modern Homo sapiens. We will examine how we got to be the way we are both physically and mentally. In addition, we will examine both the variety and similarity in humans around the world, population genetics and evolved psychology.

Credits: 3.00

ANT365

Ecological Psychology

What are our environmental problems and how does our psychology affect them? In most

cases we have the ability to solve our environmental problems from a technological and physical perspective. So why don't we "just do it!" The reason seems to lie in our values, desires, etc., which emanate from our underlying psychology. However, in order to understand how our psychology operates, we need to examine it from a wide array of disciplinary perspectives. This course will utilize a range of perspectives from the humanities and social and natural sciences in order to examine and develop an understanding of the underlying psychology that contributes to our environmental problems.
Credits: 3.00

ANT381

Adv Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level. Credits: 3.00

ANT482

Internship

An off-campus placement in a human service, community, criminal justice, health care or business setting for students in the Sociology and Anthropology Department. Students are under supervision of both a faculty member and an employee of the sponsoring organization. Students must complete at least 150 hours of study during one semester of the academic year and complete a project related to sponsoring organization. Prerequisite: Senior standing and permission of the department
Credits: 3.00

ANT490

Senior Seminar

This course represents an alternative to the existing senior seminar courses in the Sociology/Anthropology department. It is designed for anthropology students who would prefer to focus in a greater manner towards anthropological methods and principles that they have developed through their anthropological coursework. (While there is significant crossover between the anthropology and sociology curriculums, some students may prefer to focus on theoretical and/or methodological issues that are more emphasized in anthropology.)
Credits: 3.00

Applied Psychology Undergraduate, School of Professional Studies

APS130

Introductory Psychology

The purpose of this course is to introduce students to selected content areas in psychology which will be examined from both historical and contemporary perspectives. Classic research studies in psychology will be thoroughly examined. Writing skills will be developed by learning APA writing style. This course promotes critical thinking about how students can apply psychological knowledge in everyday life while promoting a better understanding of psychology as a science.

Credits: 3.00

APS211

Human Resources Management

This course focuses on the HR life cycle, as the continuous process to integrate both the HR strategy creation and execution with the employee life cycle in areas such as selection and hiring, performance management, training and development, succession planning and separation.

Credits: 3.00

APS220

Theories/Treatment Addictive Behaviors

This course is an overview of the major theories of addictive behaviors and their corresponding treatment approaches. The disease, cognitive, psychoanalytic, behavioral, multicultural, public health and prevention model explanations for the origins of addictions will be examined along with the applications of the various techniques used by each model in treatment. This course satisfies Elective Credit and 1 of 5 courses needed for the Addiction Studies minor or certificate of professional studies. Prerequisite:

ENG101

Credits: 3.00

APS230

Applied Social Psychology

This course is designed to familiarize learners with prominent social psychological theories in areas such as attribution, conformity and persuasion. Particular emphasis will be placed on the application of these theories, particularly to learners' everyday lives. We will investigate how people form impressions, how people infer the causes of their behavior, how people's attitudes relate to their behavior, what causes prejudice, and how people influence one another. We will also critically examine the factors that make aggression and altruistic behavior more likely. The pervasive influence of situational

factors will be a consistent theme in the class.

Prerequisite: APS130

Credits: 3.00

APS240

Ethics

This course is designed to teach the ethics code of the American Psychological Association. The ethics code will be reviewed and illuminated by vignettes, as well as actual case examples of ethical conflicts, ethical behavior, and unethical behavior. Students will learn about how ethics apply to them as students, as well as how ethics apply to human resource professionals, mental health professionals, and psychologists in various settings, including businesses, clinical/counseling settings, legal settings, schools, government agencies, research settings, and higher education. The course will focus on direct applications of the code and assignments will help students engage in ethical decision making as it relates to the code.

Credits: 3.00

APS250

Group Dynamics

This course will focus on how the social environment affects behavior and decision-making processes. This course will also provide some framework for the course on Human Diversity/Cross-Cultural Issues.

Credits: 3.00

APS260

Adult Development

This course will use the theoretical framework of life-span developmental psychology and the contextual model of development to review and discuss major conceptual approaches to the psychological study of normal adult development. The course covers the social, psychological, historical, and biological dimensions of adult development. Emphasis will be placed on the adult developmental aspects of Bronfenbrenner, Piaget, Erikson, Levinson, and others. The themes of this course are: development of self, cognition, memory, intelligence, sexuality, personality, family, interpersonal relations, and death. Additional topics to be covered include coping and adaptation and retirement issues. There will be a focus on current literature and recent research on adult development and the various methodologies used in research on adulthood.

Credits: 3.00

APS294

Drugs/Addictions/Society

This course is an overview of the complex interdependence of alcohol, other drug and addictive behavior issues presented in both an individual and a cultural context. The major theoretical perspectives of addictive behavior will be examined as well as the psychological and social approaches to understanding and treating addictive behaviors

among various groups found around the world. The global impact of addictive behavior, drug trade and drug laws on society will also be examined. This course satisfies Elective Credit and 1 of 5 courses needed for the Addiction Studies minor or certificate of professional studies. Prerequisite: ENG 101. CONNECTIONS
Credits: 3.00

APS310

Family Systems & Addiction

This course will explore different family systems theories of addictions and the impact of addictive behaviors on the family system, along with treatment strategies used with families. This course satisfies 1 of 5 courses needed for the Addiction Studies minor or certificate of professional studies.

Prerequisite: ENG 101.

Credits: 3.00

APS320

Addictive Behavior & Special Populations

This course will examine addictive behaviors among populations susceptible to addictions, such as adolescents, the elderly, military veterans, ethnic minority groups and others. Special concern will be given to origin, prevention, and assessment, with a focus on the application of culturally sensitive interventions. This course satisfies Elective Credit and 1 of 5 courses needed for the Addiction Studies minor or certificate of professional studies. Prerequisite: ENG 101.

Credits: 3.00

APS330

Human Learning

This course provides a comprehensive overview of topics relating to human learning, cognition, and motivation. Students will apply the principles of learning and motivation to their own learning experiences and to their chosen career paths.

Credits: 3.00

APS340

Abnormal Psychology

The purpose of this course is to introduce you to the domain of psychology that focuses primarily on the assessment and treatment of psychiatric disorders. We will critically examine various classifications of psychopathology in terms of their etiology, diagnosis, prognosis, and treatment modalities. The emphasis of this course will focus on individual, familial, and societal issues of mental health. Various theoretical orientations and clinical applications will be introduced. The applied aspect of this course is to understand mental illness, to work to decrease stigma, and to improve your professional work.

Credits: 3.00

APS350

Introduction to Psychological Measurement

This course introduces psychological testing and assessment including historical and cultural perspectives and ethical and legal considerations. A major aim of the course is to highlight the science of psychological assessment in test development and construction. The course examines the assumptions inherent in psychological assessment, describes the properties of a good test (reliability, validity, utility), and introduces the psychometric approach in interpretation of psychological tests. Lastly, the course presents the major types of psychological assessments and the various professional settings in which these tests are employed (intelligence, education, personality, counseling, neuropsychological, and career).

Credits: 3.00

APS360

Professional Development

Students will review information learned in previous courses and begin to synthesize their academic experience with their career pursuits. Within this course, professional issues within applied psychology will be reviewed. Students will explore various career options with an emphasis on developing skills to enhance educational and employment opportunities. Students will develop an appreciation for the intricacies involved in gaining an advanced degree in applied psychology. This course will include an emphasis in career research and application. The course will be interactive, experiential and exciting. As we explore professional issues in applied psychology, you will be challenged to think about your own professional development. The goal of this course is to stimulate thinking regarding the applicability of your educational process. By the end of this course students should begin to grapple with the more serious and perhaps life-altering decisions regarding career exploration and professional development within their own lives.

Credits: 3.00

APS370

Research Methods

This course is designed to teach the fundamentals of research methodology in psychological science. This course will last 7 weeks. In this course, learners will learn how to think critically about psychological research. They will also gain an understanding of the ethical implications that must be taken into consideration when conducting psychological research. Learners will develop and hone their APA-writing skills. Finally, learners will develop a project proposal as practice for the Applied Research Project. Specifically, all learners will agree upon a topic of interest, collect relevant literature on the topic, develop a research question, create hypotheses, and develop a sound methodology (including the materials to be used in the study). The project will culminate in an APA-style research proposal paper. No prerequisite courses are required for this course.

Credits: 3.00

APS380

Quantitative Analysis

This course is designed to teach the fundamentals of the hypothesis testing process and statistical analyses. This course will last 7 weeks. In this course, learners will be taught about the two branches of statistics: descriptive and inferential. Learners will also learn statistical techniques to employ for which research designs and how to think critically about psychological science. In this course, learners will create or be provided with data sets for which they will conduct the appropriate statistical analyses using SPSS. They will use the results generated via SPSS to write an APA-formatted results section. Learners will also learn about and write an APA-formatted abstract and discussion section.

Prerequisite: APS370

Credits: 3.00

APS390

Assessment/Substance Abuse Disorders

This course is an introduction to the basic assessment, counseling skills, and techniques used in the treatment of substance use disorders and addictive behaviors. An emphasis will be placed on screening, assessment, treatment planning, referral, and ethical responsibilities. Students will use case studies to apply the techniques. Please contact your Enrollment Advisor, if you are not able to register due to prerequisites. Prerequisites: APS220, APS310, APS320, and APS294.

Credits: 3.00

APS400

Applied Research Project I

In this course, you will apply the concepts you have learned in the program in a capstone research project. Specifically, the course will focus on developing an applied research project. You will gather and familiarize yourself with existing literature relevant to your chosen project and hypothesis, collect and develop research materials needed to conduct the project, complete an IRB application, write a research project proposal, and give a technology-based presentation of your project to the class. Prerequisite: APS370 and APS380

Credits: 3.00

APS401

Research Methods

This course is designed to teach the fundamentals of research methodology in psychological science. This course will last 7 weeks. In this course, learners will learn how to think critically about psychological research. They will also gain an understanding of the ethical implications that must be taken into consideration when conducting psychological research. Learners will develop and hone their APA-writing skills. Finally, learners will develop a project proposal as practice for the Applied Research Project. Specifically, all learners will agree upon a topic of interest, collect relevant literature on the topic, develop a research question, create hypotheses, and develop a sound methodology (including the materials to be used in the study). The project will culminate

in an APA-style research proposal paper. No prerequisite courses are required for this course
Credits: 3.00

APS410

Applied Research Project II

In this course, students will complete the final steps in their research project. Students will enter their collected data, analyze and interpret the results, write the results, discussion, and abstract sections of the final project report, and give a technology-based presentation of their completed project. Prerequisite: APS400
Credits: 3.00

APS411

Quantitative Analysis

This course is designed to teach the fundamentals of the hypothesis testing process and statistical analyses. This course will last 7 weeks. In this course, learners will be taught about the two branches of statistics: descriptive and inferential. Learners will also learn which statistical techniques to employ for which research designs and how to think critically about psychological science. In this course, learners will create or be provided with data sets for which they will conduct the appropriate statistical analyses using SPSS. They will use the results generated via SPSS to write an APA-formatted results section. Learners will also learn about and write an APA-formatted abstract and discussion section.

Prerequisite: APS401

Credits: 3.00

APS900

Org. Behavior

This course will focus on providing a framework to the area of organizational behavior/applied psychology. This framework will include historical and theoretical perspectives. In addition, students will be trained in the use of library resources, e-mail and the Internet.

Credits: 3.00

APS905

Management Concepts

This course will cover the basics of management principles with a behavioral emphasis. Topics will focus on recruiting, staffing, motivating, conflict/coordination/control, systems design and operation, and training and development.

Credits: 3.00

APS911

Introduction to Human Resource Management

This course will focus on basic principles of human resource management. The topics will

include personnel issues, hiring practices, interviewing and counseling.

Credits: 3.00

APS914

Abnormal Psychology

The content of this course focuses on a biopsychological approach to the classification, etiology, and treatment of abnormal behavior patterns in adults. In addition, research and treatment strategies are explored within the context of clinical, counseling, school and forensic psychology settings. Emphasis is on adult psychopathology including anxiety disorders, affective disorders, schizophrenic disorders, personality disorders, and substance abuse disorders.

Credits: 3.00

APS915

Communication Skills

This course will focus on various forms of business writing and speaking, including reports, memos, etc. Work on the computer using the latest communication and presentation software will also be included.

Credits: 3.00

APS916

Psychology Topics

This course introduces students to selected content areas in psychology. Content areas will be examined from both a historical and current perspective. Students will also be trained in the use of the library, and web-enhanced support in psychology and scientific writing techniques.

Credits: 3.00

APS920

Adult Development

This course will focus on selected aspects of adult development as they relate to different modes of learning. Specific emphasis will be placed on these areas as they relate to training and development in the workplace.

Credits: 3.00

APS925

Quantitative Analysis

This course will provide the student with basic statistical skills. The primary emphasis will be on descriptive along with some parametric techniques. Students will also be trained in a current computer statistical package (SPSS).

Credits: 3.00

APS930

Research Methods

This course will focus on applied research methodology and design as it relates to the workplace. Students will be introduced to descriptive, correlational and experimental techniques. APS 925 Quantitative Methods and APS 930 Research Methods are taught as a blended 12-week course. Students are required to take these courses in sequence with their cohort. If for some reason a student passes APS 925 Quantitative Methods but fails, drops or withdrawals from APS 930 Research Methods, the student will be required to audit APS 925 with the new cohort, prior to taking APS 930 Research Methods.

Credits: 3.00

APS 925 Quantitative Methods and APS 930 Research Methods are taught as a blended 12-week course. Students are required to take these courses in sequence with their cohort. If for some reason a student passes APS 925 Quantitative Methods but fails, drops or withdrawals from APS 930 Research Methods, the student will be required to audit APS 925 with the new cohort, prior to taking APS 930 Research Methods.

Credits: 3.00

APS935

App Research I

This course will focus on developing an applied research project for the workplace. Students will develop a written proposal and make a formal technology-based presentation to the class. Credits: 3.00

APS936

Program Evaluation

This course addresses the need for on-going assessment of program effectiveness – from defining the goals of the program, planning, carefully collecting information about aspects of a program, decision making to enhance program effectiveness, to determining program changes or termination. Students will learn to avoid over-reliance on any one form of assessment: to include subjective, interview, questionnaire, and quantified outcome measures. Examples will be drawn from for-profit as well as not-for-profit (including educational) enterprises.

Credits: 3.00

APS938

Learning and Motivation

This course introduces students to the study of motivational theories and to basic and applied learning principles. Learning perspectives emphasized include classical and operant conditioning, observational learning, and Gestalt paradigms. Specific applications of motivation and learning theories and principles in education, business, therapy, and everyday life are explored.

Credits: 3.00

APS940

Ethical Issues

This course will focus on the social responsibility of the firm, the ethical behavior of the individual and the interaction between the two. In addition to developing a framework for moral/ethical reasoning in an organizational context, several topical areas will also be covered (e.g. ethical issues in employee relations such as the employee's right to privacy).

Credits: 3.00

APS945

Legal Issues

This course will focus on the legal issues involving organizations and their employees. Coverage will range from the general area of public policy to the specifics of various laws. Thus, the course will reflect some aspects of political science theory and some aspects of business law.

Credits: 3.00

APS950

Group Dynamics

This course will focus on how the social environment affects behavior and decision-making processes. This course will also provide some framework for the course on Human Diversity/Cross-Cultural Issues.

Credits: 3.00

APS955

Diversity Issues

This course will focus on issues such as managing diversity, affirmative action, expatriate preparation and motivation, and cultural sensitivity.

Credits: 3.00

APS960

Professional Issues

This course will focus on the role of applied behavioral science on society. The role of the psychologist in the workplace will be explored. Students will develop a professional portfolio. Credits: 3.00

APS965

App Research II

This course will focus on implementing and completing the applied research project that was proposed in Applied Research Project I. Each student will have a faculty mentor who will supervise the project to completion.

Credits: 3.00

Applied Psychology Graduate, School of Professional Studies

MAP401

Positive Psychology, Health, and Wellness

Positive psychology is the scientific study of the individual, social, and environmental factors that can lead to a life of well-being. In this course, students will explore the theories, concepts and research that can lead to a life of well-being. Students will apply what they learn in a cumulative project that demonstrates their understanding of key topics such as character strengths, motivation, mindfulness, resilience, flow, happiness, flourishing, healthy relationships among others.

Credits: 3.00

MAP601

Positive Psychology, Health, and Wellness

Positive psychology is the scientific study of the individual, social, and environmental factors that can lead to a life of well-being. In this course, students will explore the theories, concepts and research that can lead to a life of well-being. Students will apply what they learn in a cumulative project that demonstrates their understanding of key topics such as character strengths, motivation, mindfulness, resilience, flow, happiness, flourishing, healthy relationships among others.

Credits: 3.00

MAP602

Brain Behavior Relationships

The purpose of this course is to explore the interaction between the mind and the body. We will start with the basic machinery of the nervous system to establish a foundation in neurobiology that will allow us to understand more complex behavior. Beyond learning about the structure and function of neural anatomy, we will address topics that are relevant to our everyday lives, such as memory, sleep, emotions, and mental health issues. To do this, we will discuss a variety of scientific methodologies and recent advances in the field. The focus will be on empirical paper readings and discussion forums that give learners opportunities to discuss the neurobiological intersections of the mind and the body.

Credits: 3.00

MAP603

Cognition, Learning & Executive Functions

The purpose of this course is to develop an advanced understanding of the major concepts, theories, methodologies, and empirical findings of contemporary cognitive psychology. As the field of cognitive neuroscience continues to influence our understanding of how the brain works, special attention is given to the neurological mechanisms underlying cognitive phenomena. Students will examine how humans process information we receive from our environments and how human behavior is influenced by the brain's cognitive functions. At the applied level, students will explore problematic behaviors observed in our everyday lives that can arise from deficits in cognitive functioning.

Credits: 3.00

MAP604

Human Growth and Development

This course is designed to familiarize students with the major theories and areas of inquiry in Lifespan/Human Developmental Psychology, to develop critical thinking skills through exploration of the research process, to introduce students to the methods and findings of Lifespan/Human Developmental Psychology.

Credits: 3.00

MAP605

The Science of the Self and Interpersona

This course will cover select topics in the field of social psychology, addressing both intrapersonal (the self), and interpersonal (prejudice, romantic relationships) issues. Because social psychology is a discipline that can be readily applied to understanding important social issues, we will also discuss how social psychology research can be applied, with an emphasis on understanding how people interact online. This course will also focus on methodological issues within the field of social psychology and reflect on their implications for our understanding of the topics covered in the course.

Credits: 3.00

MAP606

Psychological Assessment and Psychometric

This course introduces the broad range of issues related to understanding psychological measurement in the helping professions. The first section of the course examines the testing and assessment process, the professional ethical and legal issues in assessment, the role of diagnosis in assessment, and how to write and interpret a test report. The second section of the course addresses test construction and test statistics and how collecting and interpreting test data is a scientific approach to the understanding of differences among people (i.e., psychometrics). The final section of the course examines some commonly used assessment procedures including both formal measures (educational, intellectual, neuropsychological, career and occupational, clinical/personality) and informal measures (observation, rating scales, performance based).

Credits: 3.00

MAP607

Psychopathology and Psychotherapeutic In

This course advances knowledge of the major mental health disorders and emphasizes the relationship between one's thoughts, feelings, and behaviors in diagnosis and treatment. Students will develop cognitive-behavioral interventions to treat specific mental health disorders based on the DSM-5 classification system.

Credits: 3.00

MAP608

Applied Research Methods & Statistics

This course focuses on applying the scientific method to the investigation of behavior. Students will review the scientific literature, analyze research studies, develop a research project proposal and statistical analysis plan, and discuss the real-world application of the proposed project through a professional presentation.

Credits: 3.00

MAP609

Psychological Diversity

This course focuses on diversity in individuals' thoughts, beliefs, feelings, and behaviors. Students will learn about the familial, social, cultural, and situational factors that influence how an individual thinks and feels about different issues and how these thoughts and feelings eventuate in prosocial or harmful behaviors. Students will identify their own cognitive biases that can lead to difficulty in considering points of view that are different than their own. Finally, students will learn ways to overcome these biases, embrace different perspectives, and promote equitable and inclusionary practices.

Credits: 3.00

MAP610

Prof Sem: Ethics & Standards of Practice

Ethical behavior is one of the three core "power" skills in our graduate curriculum. This graduate course focuses on the development of professional and ethical behaviors that are required for successful careers in a variety of fields. Students will examine the principles and practices of professionalism, ethical decision-making, and effective communication. Through a combination of readings, expert lectures, discussions, and independent research, students will develop the skills necessary to navigate complex professional situations and succeed in their chosen careers. As we explore professional and ethical issues, you will be challenged to think about your own professional and ethical development. Students will apply the concepts and principles learned in this course and extend them to real-world professional situations.

Credits: 3.00

MAP611

Health and Wellness Coaching I

This course provides both the knowledge base as well as the skill base in the field of health and wellness and health coaching. The course will build an in-depth knowledge base in the field of health and wellness that includes culture and lifestyle factors that affect well-being. It will engage students in lifestyle medicine, a mindful approach to stress management, nutrition for health and well-being, the power of physical activity, and understanding other lifestyle factors. The course will overview the transtheoretical model of behavior change and the health belief model. The skill-based aim of the course is to outline the roles of the health coach and detail the coaching experience as well as build capacity to understand research in the field of health and wellness that can be applied in multiple settings.

Credits: 3.00

MAP612

Health and Wellness Coaching II

This course will build on the knowledge and skills acquired from the Health & Wellness Coaching I course. It will continue to engage students in further understanding the components of wellbeing and the effects of stress on the health of the body. Students will evaluate societal stress including how misinformation on the internet, social media, and the self-help industry affect society's perception of health and wellness and how these factors affect personal wellness goals. The course will overview the power of positive thinking and how positive psychology is integral to the role of the health coach in the development of interventions in shaping healthy behaviors. The skill-based aim of the course is to outline the roles of the health coach and detail the coaching experience as well as build capacity to understand research in the field of health and wellness that can be applied in multiple settings.

Credits: 3.00

MAP613

Behavioral Assessment

This course will examine the principles and conceptual underpinnings of ethical practice in applied behavior analysis, particularly applied to children and adolescents with autism spectrum disorder and other neurodevelopmental/comorbid disorders. The course will focus on the practical application of individualized behavioral assessment techniques while conducting functional behavioral assessments (FBAs). At the successful conclusion of this course, students will be proficient in using various assessment strategies to inform development of individualized interventions.

Credits: 3.00

MAP614

Behavioral Interventions & Instructional S

This course connects behavioral assessment to the design and implementation of behavioral interventions and instructional strategies. Students will utilize behavioral assessment results and design behavioral interventions and instructional strategies to

address behaviors of concern. This course showcases the intricate connections between the individual and the community. Students will learn how to engage in consultation with community supports (educators, medical providers, families). At the conclusion of this course students will demonstrate proficiency in developing behavioral interventions and instructional strategies in educational/clinical settings.

Credits: 3.00

MAP615

Measurement, Interpretation, and Single-

This course provides the knowledge and application of single-case research designs that are the primary measurement tool utilized at the individual level in applied behavior analysis. This course connects behavioral assessment and behavioral intervention to measurement of the efficacy of the intervention. Students will systematically assess the effectiveness of behavioral interventions and instructional strategies to ensure efficiency of treatments.

Credits: 3.00

MAP620

Independent Study

This independent study course provides students with the opportunity to engage in an in-depth psychology research project. Students will formulate a research question, design an empirical study, analyze data, and write a research report describing their results. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. One or two course units may be taken on this level. The course may be completed on a 5 or 10-week schedule.

Credits: 3.00

Arts Administration

ARA220

Introduction to Arts Administration

The course provides an introduction to how arts organizations, including theater, dance, music, and visual arts, engage artists and audiences and how they are governed. We'll look at both the leadership of individual organizations, as well as the larger public policy and community issues surrounding the arts. The course also includes overviews of historical contexts, economic conditions, organizational cultures, and financial systems. The course will highlight similarities and differences between arts management and non-creative-industry management.

Credits: 3.00

ARA270

Exhibition Development/Gallery Management

This course will introduce students to all aspects of exhibition and gallery management. Using the Freedman Gallery as a resource, students will gain hands-on experience focusing on the organization of an exhibition from start to finish. Particular attention will be paid to the concept of production schedules, writing didactic materials, and installation. Students will gain knowledge and understanding of educational related programming and collections management. Students will gain practical experience working with the permanent collection, developing skills related to database management, storage, and loans. Readings for the course will include critical texts surrounding the discourse of exhibition and curatorial strategies. Assignments throughout the semester will focus on sharpening critical writing and thinking skills by analyzing a selection of articles and exhibition reviews. The final project will include an exhibition culled from the Gallery's permanent collection to be presented as part of the Gallery's regular schedule. Through research, writing, and analysis of exhibition case studies, students will learn about the broader context of how exhibitions play a role in the dialogue of the contemporary art world.

Prerequisites: At least one art history course and ARA 220, or the permission of the instructor.

Credits: 3.00

ARA282

Introductory Internship

The arts administration introductory internship provides an experiential learning opportunity that allows students to apply basic knowledge and skill sets developed through academic study. It may allow students to explore different areas of administrative work in visual and performing arts and cultural institutions. The internship may be comprehensive, meaning it provides opportunities for learning and work in all areas of administration, or it may be specific to a division: executive leadership (governance, directorship, strategic planning), human resources, finance/accounting, marketing/PR, development (fundraising), visitor services/front of house (including box office), education/public programs, special events, facilities/security, auxiliary services (café, concessions, gift store, merchandising). As a learning experience, the internship goes beyond an entry-level job by the instruction provided by the student's site supervisor, who should incorporate time to explain the theory and structure behind the work assigned. The student's faculty advisor also will provide educational content and assessment throughout the process. Prerequisites: ARA 220 and 270 or 390 or consent of ARA advisor. Requires at least 130 hours. Credits: 3.00

ARA382

Intermediate Internship

The arts administration intermediate internship provides experiential learning opportunities that allow students to apply knowledge learned and skill sets developed through academic study. It also allows students to explore different areas of administrative work in visual and performing arts and cultural institutions. The internship may be comprehensive, meaning it provides opportunities for learning and work in all areas of

administration, or it may be specific to a division: executive leadership (governance, directorship, strategic planning), human resources, finance/accounting, marketing/PR, development (fundraising), visitor services/front of house (including box office), education/public programs, special events, facilities/security, auxiliary services (café, concessions, gift store, merchandising). As a learning experience, the internship goes beyond an entry-level job by the instruction provided by the student's site supervisor, who should incorporate time to explain the theory and structure behind the work assigned. The student's faculty advisor also will provide educational content and assessment throughout the process.

Prerequisites: ARA 220 and 270 or 390 or consent of ARA advisor. Requires 150 hours or more.

Credits: 3.00

ARA390

Project Management/Arts Administrators

Project management is the discipline of planning, organizing, securing, and managing resources to achieve a specific goal. By nature, projects usually have a well-defined beginning and end, and are constrained by time, funding, and the expected outcomes (deliverables). The temporary nature of project management as well as the personal and humanistic approach to creating artistic products often conflict with professional business operations. In practice, project management in the arts often requires the development of a distinct set of skills. This course will enhance and test students' knowledge of budgeting, marketing, human resources, planning/time-management, and project implementation and evaluation within the framework of the creative process. Half of the course will be based on readings and research (texts and online) discussed in class and in written assignments, and the other portion will be a project-based lab, with the first part containing an individual assignment and the latter half focused on a group project that introduces concepts of leadership and team-building skills. An additional lab of 1 to 1.5 hours per week will be arranged in consultation with the instructor.

Prerequisite: ARA 220 or sophomore standing.

Credits: 3.00

ARA490 Seminar

Building on the concepts and skills learned in ARA 220 and ARA 390 (Project Management) will apply their knowledge to help design a season of events for the Center for the Arts. As a group, students will work with faculty, staff, and peers in related student organizations to produce workflow schedules, gather information, create a comprehensive timetable and marketing plan, write press releases, prepare assessment tools, and finalize budgets. Individually, students will work on resumes, portfolios, interview skills, and career development exercises, including periodic journal reviews. Credits: 3.00

Art

ART101 Drawing

A sequence of experiences and discussions intended to expand the student's awareness of the visual world and of the special language of visual communication through drawing. The use of materials such as brush and ink, pencil, and collage will be emphasized.

FOUNDATIONS-FINE ARTS

Credits: 4.00

ART102

Life Drawing I

Drawing from a variety of sources including prepared specimens and the live model as fundamental experiences for developing anatomical study through hand-eye coordination. Various media and techniques will be explored.

Credits: 4.00

ART103

Design I

Design I is an introductory course dealing with the elements and principles involved with the visual organization of two and three-dimensional space. Emphasis is placed on developing understanding and sensitivity to the components of works of art and creative approaches to composition and uses of color. Developing the ability to critique the work of others as well as one's own artwork is emphasized. The course is designed to develop perceptual ability and increased application of creative thinking to the world around us and everyday experience. We will explore design possibilities through the use of observation, speculation, and imagination. Increased understanding of the use of computer programs in the innovative creation of design is also a primary objective. Assignments will be presented which are involved with the creative employment of the principles of design: repetition, balance, emphasis, movement, rhythm, contrast, pattern and unity.

FOUNDATIONS-FINE ARTS

Credits: 4.00

ART104

Survey of Art History

A survey of ancient to contemporary western art. This course includes sections on Western Art, Chinese Art, Japanese and Korean Art, and African Art. The course is designed for future teachers of art as well as students interested in a broad overview of art history.

FOUNDATIONS- FINE ARTS

Credits: 3.00

ART105

Art History I: Prehistory-1300s

This course will introduce students to key artworks from the Western and Non-Western worlds created from Prehistory until the 1300s C.E. Art allows us to glean information about the past, and how works of art shape our understanding of history and contemporary events. We will examine how artistic creations, and their related networks have shaped and disseminated religious, political, and social ideas. A field trip is required.

FOUNDATIONS- FINE ARTS

Credits: 3.00

ART106

Art History II:14th Century-Present

This survey examines art from the early 14th century to the present. Students will learn about the broader historical contexts that saw the transformation of painting, sculpture, and architecture in the Western and non-Western worlds and examine how the definition of art has changed throughout history. A field trip is required.

FOUNDATIONS- FINE ARTS

Credits: 3.00

ART112

Painting I

A series of exercises and discussions exploring color relationships and acrylic painting practices. The principles of two-dimensional composition and design are emphasized.

FOUNDATIONS-FINE ARTS

Credits: 4.00

ART113

Sculpture I

A survey of spatial arrangement and expressive ideas, utilizing materials such as wood, clay, metal and non-traditional materials. Students will be exposed to associated historical topics, tools and artists pertaining to the practice of sculpture. General Studies

Foundations-Fine Arts

Credits: 4.00

ART114

Printmaking

A sequence of studio experiences and discussions intended to expand the student's awareness of visual expression through multiple graphic images and processes. Various printmaking techniques will be explored including intaglio, monotype, and relief.

FOUNDATIONS-FINE ARTS

Credits: 4.00

ART115

Animation I-2D

A time-based medium, animation adopts ideas and approaches from graphic design, sound design, and performance to create the illusion of motion, define characters and tell

stories. Tools and techniques of 2D animation (which may include approaches to 3D) will be explored by students in this course.

Credits: 4.00

ART183

Introductory Special Topics

Introductory Special Topics

Credits: 3.00

ART184

Art Topics-Film

Special Topics-Transfer Course

Credits: 3.00

ART185

Introduction to Studio Art

Transfer Course and Equivalent for Art 2D Design AP Exam

Credits: 3.00

ART207

Modern & Contemporary Art

What makes art “modern”? When and why was the shift toward “post-modern” art? How can the perspective-warping Cubist paintings be related to Surrealist notions of psychic liberation? And perhaps most importantly, how does today’s art represent our society? Throughout this course we will respond to these questions as we follow the development of art from the rise of Realism in France during the late nineteenth century to the globalized present. We will trace the avant- garde developments and learn about the state of art today. This class is designed for students who already have a background in art or art history. The course will help you develop conceptual and analytical tools necessary to understand the art made during the late nineteenth century until today.

Credits: 3.00

ART212

Painting II

Study of the principles of oil painting. Students will be encouraged to develop their own personal idiom while working in oil, encaustic, and mixed media.

Prerequisite: ART112 or permission of instructor

Credits: 4.00

ART213

Sculpture II

A continued exploration of sculptural practices ranging from further personal development of concept and process. Methods include: mold making, metal casting, carving and welding.

Prerequisite: ART113 or permission of instructor
Credits: 4.00

ART215

Animation II: 3D

This class is designed to introduce students to the fundamentals of 3D animation and provide them with hands-on experience in creating animated content. Students will learn essential concepts and techniques throughout the course, including 3D modeling, character animation, rigging, special effects, and rendering. They will gain a strong foundation in the principles of animation, mastering key skills necessary to produce high-quality 3D animations. The class culminates in a final project where students apply their knowledge and creativity to produce animated work, which they will present and discuss in a collaborative learning environment.

Credits: 4.00

ART216

Photography I

This is an introduction to film-based still photography; basic camera operation, developing film, as well as prints in the darkroom. The emphasis is on composition, technique, and experimental photography as a means of visual expression. Studio fee.

Credits: 4.00

ART220

Global Painting

An investigation into various cultural painting traditions, with emphasis on both form and conceptual context. Emphasis is placed on composition, application, and involvement in creative self-expression. Stress is placed on the understanding and use of paint media throughout the history of art for solving various problems of representation and abstraction. Connections-Global- Humanities

Credits: 4.00

ART244 Gender in the Visual Arts

This course provides an overview of the relationship between gender and the visual arts in Western civilization from prehistory to the present. We will consider art patronage, academic institutions, and the other factors which have historically impacted the lives of women artists. The broader narrative of gender in contemporary culture will be examined, to question the evolution of visual aesthetics in the global art marketplace.

FOUNDATIONS - CONNECTIONS-HUMANITIES

Credits: 3.00

ART245

History of Animation

This course provides an overview of the history and evolution of animation from its earliest origins to the present day. Students will examine the development of various animation

techniques and styles, explore the work of key animators and studios, and analyze the cultural and social contexts in which animated films were produced. By the end of the course, students will have a comprehensive understanding of the rich history of animation and its impact on popular culture.

Credits: 3.00

ART256

Modern Art & Design Concepts

This course is designed to give the student an understanding of how the world looks and why. The centerpiece of the course is the German Bauhaus [1918-1933], the most influential design school in the twentieth century. Modern architecture, which was developed in Europe and in the Chicago School, determined the "look" of the twentieth century and contemporary life. With this modern architecture came new ideas in fashion, graphics, interior design, landscape architecture, and industrial design.

GENERAL STUDIES CONNECTIONS

Credits: 3.00

ART281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

ART282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

ART283

Intermediate Special Topics

Intermediate Special Topics

Credits: 3.00

ART300

Topics in Art History

This course will study a topic or area of interest in art history. The course may focus on an area such as museum management or be a specialized course on, for example, Impressionism or Dutch Baroque art. The course offers the student the close intellectual

scrutiny that accompanies scholarly readings not always tenable in a survey course.
Credits: 3.00

ART312

Painting III

Advanced level study of methods and materials, as well as aesthetic and conceptual issues, as they apply to painting.

Prerequisite: ART212 or permission of department

Credits: 4.00

ART313

Sculpture III

A further study of various three-dimensional medias incorporating emerging technologies and practices in sculpture.

Prerequisite: ART 213 or permission of department.

Credits: 4.00

ART316

Photography II

In this course, students concentrate on Digital Photography with a focus on making, editing, organizing, and printing images using industry standard software and equipment. Studio fee. Prerequisite: ART216 Credits: 4.00

ART337

Teaching Art in the Elementary School

This course engages art education candidates in developing an understanding of the philosophy and principles of art education in the elementary school curriculum. Each student will work with a variety of public-school art materials as a basis for teaching, understanding and evaluating children's artwork. This course is a pre-student teaching experience in which each student prepares lessons for N-7 instruction. Activities include field trips, observations and classroom presentations.

Credits: 4.00

ART338

Teaching Art in the Secondary School

This course engages art education candidates in the investigation of the concepts and values of art theory and practice as related to the secondary curriculum. Students study classroom problems and procedure in various teaching situations. Emphasis is placed upon application, observation and evaluation of teaching as related to the adolescent in the secondary school. This course is a pre-student teaching experience in which each student prepares lessons for secondary art instruction. Activities include field trips, observations and classroom presentations.

Credits: 4.00

ART357

Issues in American Art from 1940 - Pres.

Developments in painting, sculpture, and related forms from abstract expressionism through postmodernism of the 1980s are examined in detail. Considerable attention is given to issues of mass culture. A field trip is required.

Credits: 3.00

ART358

History of Photography

This course explores the early history of photography from its beginnings in the early decades of the 19th century until the present. Considerable attention will be given to the question of how photography has impacted the aesthetic, intellectual, and spiritual values of modern civilization, a question which has preoccupied thinkers from Walter Benjamin to Susan Sontag.

Credits: 3.00

ART382

Inter Internship#

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work.

Credits: 3.00

ART383

Advanced Special Topics

Topics vary each semester.

Credits: 3.00

ART399

Digital Sculpture

This course is a further exploration of sculptural practices that focus on contemporary and emerging practices in sculpture. This includes artists, concepts and tools based on innovative technology of the past and present. By exploring both hardware and software students will come away with the knowledge of not only software knowledge but, the application of these practices with hardware in a sculptural setting.

Credits: 3.00

ART400 Studio Topics

An individual study program, arranged in consultation with the instructor. Students will develop a cohesive body of work based upon an intensive exploration of thematic context, materials, and techniques. This course will emphasize individual concept development, personal direction, originality, and problem-solving.

Prerequisite: ART 212, 213, 216, or permission of instructor

Credits: 4.00

ART412

Painting IV

An individual study program, arranged in consultation with the instructor, for continued development of a personal approach to painting and creative decision-making.

Prerequisite: ART212 or permission of instructor

Credits: 4.00

ART413

Sculpture IV

An individual study program, arranged in consultation with the instructor, for continued development of a personal approach to sculpture and creative decision-making.

Prerequisite: ART213 or permission of department

Credits: 4.00

ART482

Adv Internship#

Internships at this level involve a great degree of responsibility and involvement.

Enrollment requires the student to have completed extensive course work in an area of concentration.

Credits: 3.00

Athletic Leadership, School of Professional Studies

ALD610

Athletic Training

Introduces the profession of athletic training and the role they play in athletics. Topics will include the different policies and procedures related to weather, concussions, sickle cell, athletic injuries, emergency care, equipment, and medical paperwork. In addition, there will be discussions on the importance of communication with the athletic trainer and best practices when scheduling coverage for athletic events.

Credits: 3.00

ALD615

Strength, Speed, and Conditioning

The goal of this course is to give the student a basic understanding of training periodization and the ways it can be used to develop a well-rounded, continuous physical development program. Various methods of periodization will be explored in this course along with an introduction into the basics of exercise physiology and human anatomy. Students who complete this course will be able to better understand the way periodization can help prepare an athlete physically for competition, the role exercise

physiology plays in determining the effects of a training program, and how to integrate these concepts into a comprehensive strength and conditioning model.

Credits: 3.00

ALD625

Compliance and Legal Issues

Students in this course will explore proactive approaches to managing risks associated with conducting health, physical education, and recreational education programs. This course will emphasize safety as a foundation of quality program planning. Students will study governing associations and leadership management skills required to be successful in the world of college athletics.

Credits: 3.00

ALD630

Athletic Coaching

The learning experiences in this course are afforded through various instructional approaches to ensure class members develop an understanding of the philosophical foundations of coaching, program priorities, the scientific basis of coaching, basic conditioning and training principles, basic psychological principles of coaching, leadership versus management, team communication and dynamics, basic traits and states influencing performance, managerial functions of coaches: planning, controlling, and evaluating, event/facility/equipment management, legal duties and risk management, promotions, marketing, fundraising, and multitask management and self-management.

Credits: 3.00

ALD635

Sports Facilities

Sports Facilities provides an examination of principles and techniques for planning and operating sports facilities. Emphasizes the principles and concepts of organization and administration including communication, personnel management, management of physical resources, and risk management. Examines a variety of sports operations such as indoor stadiums, athletic field complexes, and managing recreation and intramural activities.

Credits: 3.00

ALD640

Coaching and Developing a Winning Program

This course aims to introduce the field of coaching to student coaches. The goal is to help them understand the importance of being a coach and develop their own coaching philosophy and coaching style. They will be shown that as coaches, they are in a position of leadership, and they have the awesome responsibility of tutoring and developing young student-athletes. This will help prepare the student coaches as assistant coaches in

leading and developing their athletes and bringing out their fullest potential. The focus of this class will be “The Development of The Coach.” The course will take the student coaches through phases of growth and help prepare them to be head coaches and lead their own programs. The teachings will be based on a philosophy of positive coaching.
Credits: 3.00

ALD645

Intro to Leadership: Concepts & Practice

This course will provide a basic introduction to leadership, emphasizing leadership practice.

Topics will include understanding leadership; recognizing leadership traits; engaging people’s strengths; understanding philosophy and styles; developing leadership skills; addressing ethics in leadership and overcoming obstacles. Individuals will assess their leadership traits and skills to improve their leadership performance.

Credits: 3.00

ALD650

Internship I - Coaching

This course aims to help provide individuals with real-world coaching experience and skill development. Individuals must complete a minimum of 50 hours throughout the 5-week course under an approved coaching supervisor. Each internship is specialized to meet the goals and aspirations of everyone. This course is highly recommended for students with no prior professional experience and an interest in a career in coaching.

Credits: 3.00

ALD651

Internship II - Athletic Administration

This course aims to help individuals with real-world athletic administration experiences and skill development. Individuals must complete a minimum of 50 hours throughout the 5-week course under an approved athletic administrator supervisor. Each internship is specialized to meet the goals and aspirations of everyone. This course is highly recommended for students with no prior professional experience and an interest in a career in athletic administration.

Credits: 3.00

Biology

BIO101

Concepts & Connections in Biology/Lab

This course is designed to enable non-science concentrators to develop an understanding and an appreciation for how science works from a biological perspective through study of select topics in natural sciences. We will examine current developments

in topics such as genetics, human physiology, environmental biology and microbiology in a way that will allow students to construct a framework of key biological concepts and make connections to their lives through consideration of the applications of basic scientific principles. Students will become involved in the process of doing science, implementing lab exercises aimed at answering specific questions and developing their critical thinking skills. Evolution will be discussed as a unifying theme which helps to elevate biology from a bewildering collection of facts to a coherent study of changing life on a changing planet. Three hours lecture and three hours laboratory per week.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: BIO101L Lab

Credits: 4.00

BIO101L Bio

Concepts Lab

Three-hour lab.

Corequisite: BIO101 Lecture

Credits: .00

BIO115

Dinosaurs & Paleontology

This course explores the history of dinosaurs and paleontology. Dinosaurs have long captured our imagination, but how did they come to be? What made them such a diverse and successful group of animals? We will explore the history of the Earth leading up to dinosaurs and the events that led to the evolution of these charismatic giants. Additional topics that will be discussed include phylogenetics and systematics, paleoecology, paleobiology, evolution, extinction, popular culture, biomechanics, and fossil preservation. Students will also learn basic techniques of modern paleontology in preparation for a summer trip (the lab portion of the course) during which they will travel to Montana to excavate fossils. During this lab portion students will use knowledge gained in class to locate, identify, and excavate fossils from the Cretaceous period (~66MYA).

FOUNDATIONS-NATURAL SCIENCE

Note: for Natural Science Foundations requirement, students must complete both BIO 115 and BIO 115L.

Corequisite: BIO115L Lab

Credits: .50

BIO115L

Dinosaurs & Paleontology Lab

Corequisite: BIO115 Lecture

Credits: .00

BIO151

General Biology I: Structure & Function

An introduction to cellular biology, metabolism, biochemistry, anatomy, physiology and development. Three hours lecture, three hours laboratory per week, plus optional study/discussion sessions.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: BIO151L Lab

Credits: 4.00

BIO151L

General I Lab

Three Hour Lab Per Week

Corequisite: BIO151 Lecture

Credits: .00

BIO152

General Biology II: Ecology/Evolution/Sys

An introduction to plant and fungus systematics, plant anatomy, and ecology. Includes a major laboratory project. Three hours lecture, three hours laboratory per week.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: BIO152L Lab

Credits: 4.00

BIO152L

General II Lab

Three Hour Lab Per Week Coreq: BIO152 Lecture

Credits: .00

BIO190L

Reproduction/Genetics Lab - remove

Credits: .00

BIO200

Data Visualization and Biological Stat - remove

The primary purpose of data is to tell a story. This course will teach students how to tell a story about a data set through visualization and statistical analysis. The first half of this course will focus on summarizing and visualizing data, and the second half of the course will focus on statistical approaches, specifically linear modeling, including of non-normal data. A key part of the course will be a semester-long individual project enabling students to delve into a particular data set. Students taking the course under the BIO 200 designation will work with biological data sets; students taking the course under the CSC 332 designation will work with private sector data sets. All students will gain familiarity with the programming dialect R (via RStudio) and with project management using GitHub, but no prior experience with programming or statistics is necessary.

Credits: 3.00

BIO201

General Biology I: Structure & Function

An introduction to cellular biology, metabolism, biochemistry, anatomy, physiology and development. Three hours lecture, three hours laboratory per week, plus optional study/discussion sessions.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: BIO201L Lab

Credits: 3.00

BIO201L

General Biology I Lab

Three-hour lab.

Credits: .00

BIO203

General Biology III: Genetics

An introduction to classical genetics, molecular genetics and population genetics. Includes a major writing project designed to explore specific topics in genetics and evolution. Three hours lecture per week.

Credits: 3.00

BIO207

Medical Terminology

This course is intended to provide students with the skills and tools necessary to succeed at Albright College and beyond in both the languages/humanities and the sciences. In this course we will learn how to identify and use prefixes, roots, and suffixes of words to convey complex meanings and we will apply our understanding of the language of medicine (and ultimately the biological sciences in general) through the examination of case studies in medicine and investigation into the historical context(s) of ancient medicine and science.

Prerequisite: BIO151

Credits: 3.00

BIO211

Ecology

The study of the relationships between animals and plants and their natural environments. Factors shaping the distribution and abundance of organisms, populations, and communities are discussed. Specific emphasis is given to factors such as competition, predation, herbivory, mutualism, physiology, climate, energy flow, and biochemical cycles that influence species adaptations and, in turn, patterns of distribution and abundance. The laboratory is designed to provide experience in the field using several techniques for monitoring both plant and animal populations, as well as environmental parameters in a variety of habitats. Three hours lecture, three hours laboratory per week. Offered fall

semester.

Prerequisite: BIO 151, 152

Corequisite: BIO211L Lab

Credits: 3.00

BIO211L

Ecology Lab

Three Hour Lab Per Week

Corequisite: BIO211 Lecture

Credits: .00

BIO215

Dinosaurs & Paleontology

This course explores the history of dinosaurs and paleontology. Dinosaurs have long captured our imagination, but how did they come to be? What made them such a diverse and successful group of animals? We will explore the history of the Earth leading up to dinosaurs and the events that led to the evolution of these charismatic giants. Additional topics that will be discussed include phylogenetics and systematics, paleoecology, paleobiology, evolution, extinction, popular culture, biomechanics, and fossil preservation. Students will also learn basic techniques of modern paleontology in preparation for a summer trip (the lab portion of the course) during which they will travel to Montana to excavate fossils. During this lab portion students will use knowledge gained in class to locate, identify, and excavate fossils from the Cretaceous period (~66MYA).

Course Prerequisites: BIO152

Corequisite: BIO215L Lab

Credits: .50

BIO215L

Dinosaurs & Paleontology Lab

Corequisite: BIO215 Lecture

Credits: .00

BIO234

Human Anatomy & Physiology I

This is a study of the fundamentals of human anatomy. Structures of the human body are examined through combined systemic and regional approaches. Three hours lecture and three hours lab per week. Offered fall semester. This course will employ a thorough survey of morphological aspects of the human body. This course is intended to provide a strong background in human anatomy for human biology students, science majors, and students with an interest in related allied health fields.

Corequisite: BIO234L Lab

Prerequisite: BIO151

Credits: 3.00

BIO234L

Anatomy & Physiology I Lab

Corequisite: BIO234 Lecture

Credits: .00

BIO235

Human Anatomy & Physiology II

This is a study of the fundamentals of human physiology. Functions of the organs of the human body are examined through combined systemic and regional approaches. Three hours lecture and three hours lab per week. Offered spring semester. This semester will employ a similarly thorough survey of physiological aspects of the human body to that applied in BIO 234 Human Anatomy. This course is intended to provide a strong background in human physiology for human biology students, science majors, and students with an interest in related allied health fields. Some basic concepts of biology and chemistry will be integrated with this course, which serve as a basis for developing specific concepts in anatomy and physiology.

Corequisite: BIO235L Lab

Prerequisite: BIO234

Credits: 3.00

BIO235L

Anatomy & Physiology II Lab

Three Hour Lab Per Week

Corequisite: BIO235 Lecture

Credits: .00

BIO242:

Nutrition

Nutrition is the study of what an organism eats and how this material is used in the body to perform daily activities. This general nutrition class will focus on the interaction between what an animal consumes and their core physiological and biochemical functions. This will be framed around the concept of maximizing human performance and health. The lecture we will cover topics ranging from Macronutrients, Micronutrients (Vitamins and Minerals), Nutrient deficiencies, Digestion, Biochemical processes, and Basic exercise science. The lab consists of a series of projects and experiments which will reinforce what is are covering in lecture.

FOUNDATIONS-NATURAL SCIENCE

Corequisites: BIO242L Lab

Credits 3.00

BIO242L

Nutrition Lab

Three Hour Lab Per Week

Corequisite: BIO242 Lecture
Credits: .00

BIO281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

BIO282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

BIO283

Intermediate Special Topics

Intermediate Special Topics

Credits: 3.00

BIO316

Conservation Biology- remove

The study of preserving and restoring nature and ecosystem processes will be covered. This course is intended to introduce students to the anthropogenic problems facing ecosystems and some of the possible solutions. Theory and application pertaining to biodiversity, species extinction, biological invasions, land management, and other topics will be discussed. Three hours lecture per week. Prerequisite: BIO 202, BIO311 recommended

Credits: 3.00

BIO318

Marine & Aquatic Science/Lab

Over 70% of the world is covered by water with about 97% percent of it in the oceans. Despite this, many of these aquatic environments are not well explored or understood. This is a problem since even thou the underwater world may seem alien and distant; we are irrevocably interconnected with this ecosystem. From fisheries to deep ocean carbon dioxide pumping humanity's future is tied with the aquatic world. In this course you will be introduced to the general concepts of oceanography, limnology (the study of freshwater

systems), and aquatic ecology. Through a series of fieldtrips and lab exercises, you will gain firsthand experience with the tools and techniques used to discover the secrets under the waves. This course will include a trip to marine research lab during which you will run self-designed surveys and experiments to truly become aquatic scientists.

Prerequisites: BIO311 and CHE106

Corequisite: BIO318L Lab

Credits: 3.00

BIO318L

Marine & Aquatic Science Lab

Three hour per week Lab

Corequisite: BIO318 Lecture

Credits: .00

BIO319

Vertebrate Natural History/Lab

This course is a survey of the natural history of the vertebrates. Students learn the ecology, evolution and the natural history of the major vertebrate classes including fish, amphibians, reptiles, birds and mammals. Laboratory focuses on taxonomic identification of vertebrates native to Pennsylvania and on various field techniques used to study and survey vertebrates. At least one field trip will be over a weekend.

Prerequisite: BIO 152

Corequisite: BIO319L Lab

Credits: 3.00

BIO319L

Vertebrate Lab

Three Hour Lab per Week

Corequisite: BIO319 Lecture

Credits: .00

BIO321

Microbiology/Lab

This course introduces students to the fundamental concepts of microbiology. Physiology, genetics, immunology, medical bacteriology, virology and concepts of applied microbiology are discussed. Three hours lecture and three hours laboratory per week.

Offered fall semester.

Prerequisites: BIO 151 and BIO 203

Corequisite CHE 207, BIO321L

Credits: 3.00

BIO321L

Micro Lab

Three- hour lab.

Corequisite: BIO321 Lecture
Credits: .00

BIO322

Cell Biology

This is an investigation into the many aspects of cell structure and function, including the importance of proteins and other macromolecules encountered within cells, as well as specific cellular organelles. Intracellular sorting, protein targeting and signal transduction are examined, along with the mechanisms involved in cancer and programmed cell death. Laboratory exercises introduce students to sterile cell culture techniques and the skills involved in establishing and manipulating plant tissue and animal cell cultures. Fluorescence and scanning Electron Microscopy, SDS PAGE and other techniques will be learned. Three hours lecture and three hours laboratory per week. Offered spring semester.

Prerequisites: BIO 151 and 203

Corequisite: BIO322L Lab

Credits: 3.00

BIO322L

Cell Bio Lab

Corequisite: BIO322 Lecture

Credits: .00

BIO325

Molecular Genetics

In this course, students gain an understanding of the genetic systems of viruses, bacteria, protists, plants and animals in molecular terms. Areas of discussion include immunogenetics, transposition, gene cloning, control of gene expression and the molecular biology of developmental processes.

Lab work emphasizes basic methods used for isolation, analysis and cloning of DNA molecules. Three hours lecture and three hours laboratory per week. Offered in the spring semester of odd years.

Prerequisites: BIO 151, BIO 203, CHE 207

Corequisite: BIO325L Lab

Credits: 3.00

BIO325L

Genetics Lab

Corequisite: BIO325 Lecture

Credits: .00

BIO327

Histology and Micro techniques/Lab

A study of tissue histology and ultrastructure, including an introduction to a number of methods for preparing material for study using light and electron microscopy, transmission electron microscopy, photomicroscopy, macrophotography, digital imaging, and image processing. The course is designed to be a useful introduction to both research techniques and clinical procedures. The course involves three hours lecture and two hours laboratory per week, plus additional lab time by arrangement. Offered fall semester.

Corequisite: BIO327L Lab

Prerequisite: BIO151 Lecture

Credits: 3.00

BIO327L

Histology and Micro technique Lab

Two-hour lab.

Corequisite: BIO327 Lecture

Credits: .00

BIO329

Virology

Viruses are intracellular parasites that require a living cell in order to replicate themselves and produce new virus particles. Within a historical context, the field of virology is a relatively new area of scientific research with many exciting discoveries occurring on a regular basis. There have been numerous types of viruses discovered to date. They have been shown to infect virtually every form of life on earth, including, insects, plants, mammals, and even bacteria. In terms of human health and disease, there are several reasons why the study of viruses is an important undertaking. For example, some viruses can cause considerable illness but they can also be used as delivery vehicles for vaccines or as cancer therapeutics. In this class, students will be exposed to studies published in the primary literature and be instructed via lecture, student-led presentations, and class discussion. Throughout the semester, students will have the opportunity to bolster both their written and oral communication skills. Three hours lecture per week. Offered in the spring semester of even years.

Prerequisite: BIO 203 and CHE 207

Credits: 3.00

BIO331

Comparative Anatomy

This course emphasizes understanding the functional and comparative anatomy of the vertebrates through exploration of vertebrate structure and function from an evolutionary perspective. Protochordates, lamprey eel, shark, mudpuppy, and cat are dissected to compare the basic architectural patterns of vertebrate systems and to discover ways in which existing structural patterns are modifications of ancestral patterns. Three hours lecture and three hours laboratory per week. Offered spring semester of odd years.

Corequisite: BIO331L Lab

Prerequisite: BIO151 or BIO201
Credits: 3.00

BIO331L
Anatomy Lab
Corequisite: BIO331 Lecture
Credits: .00

BIO333
Developmental Biology
This course emphasizes topics relevant to vertebrate development. The lecture shows continuity between classical embryological work and modern experimental biology. The laboratory is divided between classical and experimental work. Three hours lecture and three hours laboratory per week. Offered spring semester.
Corequisite: BIO333L Lab
Prerequisite: BIO151 or BIO201 and BIO203
Credits: 3.00

BIO333L
Developmental Lab
Corequisite: BIO333 Lecture
Credits: .00

BIO337
Comparative Physiology/Lab
This course will explore the interplay between the physiological mechanisms of organisms, and the ecological responses of populations to environmental stress. Topics covered will include basic physiological mechanisms, the effect of natural and human-induced environmental change on animal physiology, the special adaptations that allow organisms to survive in a variety of aquatic habitats, and the ecological implications of physiological responses to stress and environmental change. Three hours of lecture and three hours of lab per week. Prerequisites: Bio 151 & 152
Corequisite: BIO337L Lab
Prerequisite: BIO151 or BIO201 and BIO203 and
Credits: 3.00

BIO337L
Comparative Physiology Lab
3 Hour Lab per Week
Corequisite: BIO337 Lecture
Credits: .00

BIO381
Adv Lab

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

BIO481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.

Credits: 3.00

BIO485

Behavior and Morphology

This seminar explores the anatomical structures, past and present, that are fundamental to observed behaviors. An emphasis is placed on birds in this seminar. Lectures present students with background knowledge in avian behaviors, anatomy, and mechanics. Students are expected to read and discuss journal articles from the primary literature and will work on a semester-long academic project. This project will consist of a written and oral assignment analyzing and synthesizing an important aspect of behavior and its underlying anatomical structure.

Prerequisite: BIO151

Credits: 3.00

BIO495

Molecular Biology Seminar

This course explores several different aspects of molecular biology, with an emphasis on plant molecular biology, and plant genetic engineering through the use of soil bacterium *Agrobacterium tumefaciens*. The genetic components of tumor-inducing plasmids of *Agrobacterium*, and methods to engineer this plasmid to deliver genes of interest into a plant are described. Strategies to increase and control gene expression in genetically engineered plants are outlined, along with antibody production in transgenic plants, pathogen-derived resistance, virus resistance in plants, strategies for gene isolation and phytoremediation. An overview of Immunology will be presented and human gene therapy is discussed along with issues of risk assessment, genetic containment and safety.

Offered spring semester.

Prerequisite: BIO203

Credits: 3.00

BIO497

Toxicology Seminar

Toxicology is the science of drugs and poisons. Toxicologists seek to understand how these chemicals impact the survival and function of organisms and ecosystems. This course will cover the principles of toxicology including the ramifications of toxics on the biochemistry, physiology, and ecology of animals. The course will be comprised of lectures on the essential of toxicology combined with debates and discussions about current papers and topics in toxicology.

Prerequisite: BIO151 and CHE207

Credits: 3.00

BIO498

Immunology

Analysis of the vertebrate immune system, including antibody structure and function, B- and T- cell function, immune response mechanisms, serology, immunogenetics, and immunopathology. Written and oral assignments emphasize critical analysis and discussion of current journal articles in immunobiology. (Before Fall 2010 Included Three hours lecture, three hours laboratory per week)

Prerequisite: BIO203 and BIO151

Credits: 3.00

BIO499

Cell Signaling Seminar

This seminar course will explore some of the major cell signaling pathways and how they influence cellular behaviors such as cell replication, apoptosis, and migration. We will examine how genetic mutations can cause aberrant signaling leading to the development of pathology, such as cancer or diabetes, as well as how pathogens, like cholera or chlamydia, use our own signaling pathways against us. Using primary literature as our resource text we will discuss current work to define signaling pathway components as well as the development of therapeutics.

Credits: 3.00

Business Administration

BUS105

Business Career Development

An introduction to the standards of business professionalism which focuses on the development of skills such as time management, career development, interviewing, and professional communication for entry into the business world. Additionally, career counseling, planning and management will be addressed. This is a required course for all business majors.

Credits: 3.00

BUS123

Introduction to the Business of Sports

The focus of this course will be on the application of business concepts, management in particular, to the context of the sports industry. The context explored will include: historical athletic competitions, professional tournament sports, collegiate athletics and high school and youth sports. While an emphasis will be on the application of “management” principles to the sports industry, the course will also explore the foundational application of marketing, financial and economic, legal and ethical principles. Various speakers in the course will include community sports professionals and coaches to introduce their perspective and background to the topic to enable the student to reflect upon to assess whether a career in the sports industry, at various levels of competition, may be of particular interest to her or him.

Credits: 3.00

BUS155

Personal Finance

This course will provide the student with an introduction to various concepts associated with finance as well as learning practical applications. The course is geared toward practical knowledge and application of personal finance that is necessary for decision making in everyday life. Topic coverage includes financial decision making, basic financial planning (budgeting), tax issues, managing savings and other liquid accounts, buying a house, the use of credit (debt), insurance, managing investments and saving for retirement are included in the course.

GENERAL STUDIES FOUNDATIONS-QUANTITATIVE

Credits: 3.00

BUS183

Introductory Special Topics

Introductory Special Topics

Credits: 3.00

BUS195

Introduction to Business

The purpose of this course is to introduce the students to the concepts of business in a seminar setting. It is intended for those students who are unfamiliar with business, and may be considering business as their area of concentration. Subjects covered will include: forms of business organization, functional areas of business such as finance and marketing, social responsibility of business, and careers in business. Outside speakers with topical expertise will be invited, and team projects will be required of students.

Credits: 3.00

BUS220

Sustainability in the Travel Industry

Sustainability in travel is multi-faceted with issues ranging from environmental and social effects on local communities to global impacts. This is a travel study course where students learn the fundamentals of sustainable travel and apply these concepts to the locations visited. The focus of investigation and analysis will be travel from the U.S. to, and within, Western Europe, concentrating upon environmental and social sustainability issues in the hotel and commercial airline industries. This travel study experience will encourage students to engage in cross cultural comparative analysis of the topics discussed.

CONNECTIONS-GLOBAL

Credits: 3.00

BUS246

Management Principles

This course introduces the dynamics of managing organizations. As a manager you need expertise in strategy, motivation, communication, leadership and evaluation. The management principles covered in this course provide the framework through which these skills can be developed. Not open to first-year students. Prerequisite: Sophomore standing

Credits: 3.00

BUS247

Marketing Management

An overview of marketing management with emphasis on the management of functional areas of marketing, including product development, pricing, promotion and distribution channels. These topics are considered in the context of developing an effective marketing program within the framework of the social, economic and political/legal environments. Not open to first-year students.

Prerequisites: ECO 105 and sophomore standing

Credits: 3.00

BUS250

Business Law I

This course provides an introduction to the legal and ethical environment of business. Basic legal concepts and various forms of governmental regulation of business will be examined and applied to business situations. This course will assist students in identifying legal issues, assist in preparation for the CPA examination, and enable them to understand professional legal advice in a managerial situation.

Credits: 3.00

BUS281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only

and may be taken only once on this level.

Credits: 3.00

BUS282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: .00

BUS283

Special Topics

Special Topics

Credits: 3.00

BUS284

Globalization & Business: Transition in EU

By taking this course, students will better understand the world in which they live including the interconnectedness which impacts both personal and business life. By examining the history of globalization, students will explore the role of technological change in the relationship between countries and people. The course will focus on regional trade blocs including the depth and breadth of the European Union and how this differs from other trade blocs. Students will be able to contrast the impact of trade, globalization and regionalization on small, open economies as compared to large countries.

Credits: 3.00

BUS310

Operations Management

An introduction to concepts, principles, and practices of effective creation and distribution of goods and services. The focus of the course is on quantitative techniques for problems solving and decision making in a variety of strategic and tactical areas of operations management, including total quality management, forecasting, product design, process design and capacity planning, location planning, supply chain management, inventory control, and project management. Prerequisite: ECO207

Credits: 3.00

BUS333

Hospitality Management

This course introduces the key functions of management by operators in the hospitality industry to manage restaurants, hotels, beverage operations, casinos, theme venues, entertainment centers, cruise ships, and other hospitality businesses. Hospitality managers are responsible for managing complex facilities, supervising guest services, and coordinating events. How managers communicate effectively with others, make ethical

decisions, motivate and lead employees, plan and organize work, and control service and staff will be covered.

Credits: 3.00

BUS345

Financial Management

Introduction to foundation concepts in finance and introduction to the field of financial management also known as corporate finance. Topics include financial statement analysis, financial markets, rates of return, risk measurement, time value of money, security valuation, cost of capital, capital budgeting, capital structure theory, cash distributions to shareholders, working capital management and financial forecasting.

Prerequisite: ACC101 and ECO207

Credits: 3.00

BUS350

Investments

Security analysis, advanced valuation theory, and portfolio construction and management.

Prerequisite: BUS345

Credits: 3.00

BUS351

Business Law II

This course builds upon the legal concepts covered in Business Law I, furthering the students' knowledge of the laws applicable to business organizations and laws addressing organizational governance. Additional topics focus on issues relevant to both accountants and business managers and include the Uniform Commercial Code, debtor-creditor relations, bankruptcy, property rights, advanced agency and employment, insurance, estates and trusts, securities and anti-trust. Legal concepts and various forms of governmental regulation of business are examined and applied to business situations. This course will assist students in identifying legal issues, assist in preparation for the CPA examination, and enable them to understand professional legal advice in a managerial situation.

Prerequisite: BUS 250 or Instructor permission

Credits: 3.00

BUS354

Sports Management

This course specifically explores the application of strategic management principles – especially planning, organizing, leading and controlling – to the various sports organizations that comprise the overall industry of sport. The course is expected to engage the sports leadership motive and potential in the student. The application of management functions within the niche functions of athletic direction, event management, and facilities management will also be explored.

Credits: 3.00

BUS356

Sports Economics/Finance

The sports industry in the United States is ever-present in our daily lives and has grown to over

\$600 billion in worldwide revenues. People watch sports, are familiar with the rules and how teams/individuals win and are intrigued by the excitement and competitiveness of the business. This course will equip aspiring sport managers with the skills to understand and make financial decisions to improve businesses in the continually evolving landscape of the sports industry.

The course begins with some stylized facts about sports economics, how the business of sports operates, sources of capital and financial management, and the structure of sports leagues and organizations. We will examine several important financial decisions for firms in the sports industry such as pricing, advertising, and broadcasting sporting events and economic problems which arise in sports leagues such as antitrust issues, insurance and risk, cheating, gambling, and the like. Finally, we will discuss the economics of athlete compensation – bargaining between players' unions and sports leagues, athletes' contracts, and the role of sports agents.

Credits: 3.00

BUS357

Sports Marketing

This course explores the two basic components of sports marketing including 1. the marketing of sports products and 2. the use of sports as a marketing tool for other products and services. This course will expose students to the many domains of sport marketing. Students will explore the three common forms of sport sponsorship including endorsement, licensing, and venue naming rights. Specific sport marketing cases will include the marketing of athletes, amateur (participation-oriented clubs) and professional sports teams and leagues (NCAA, NFL, Olympics, etc.), as well as, sports-related products such as apparel and sporting goods will be studied. All coursework will be considerate of the ever-evolving technological landscape of marketing including current considerations and opportunities related to relationship/social marketing, analytics, emerging digital marketing channels. This course will also explore special cases encountered in the field of sport marketing such as controversial issues often related to the sports marketing industry.

Credits: 3.00

BUS358

Sport Law

"There were 18 deaths and 149 serious injuries from college football on the campuses of Yale, Princeton, Cornell and Michigan. Before the dawn of the forward pass, the only "thing" that was thrown were the ball carrying players, who were frequently picked up and hurtled over the defensive line" (Jones, 2016). This course explores the ever-evolving field of sports law

including how contracts are formed, the rights of athletes, sport contracts, the NCAA, gender equity in sports, performance enhancing drugs and testing, international competition, and sports liability. I invite students to learn about the many domains of sports law. Class lecture, discussion, research and writing will be used to help facilitate the learning of sports law. Specific sport law cases will include athlete contracts, legal aspects of amateur (participation-oriented clubs) and professional sports teams and leagues (NCAA, NFL, Olympics, etc.), as well as, sports litigation in protecting the health and rights of athletes and their intellectual property will be studied.

Prerequisite: BUS250

Credits: 3.00

BUS363

Human Resource Management

This course is designed to help you understand major trends in human resource management (HRM), including opportunities and issues faced by organizations and individuals.

Responsibilities of the Human Resource (HR) department and the roles that every manager plays, both as a supervisor and as a client of the HR department, are studied. Topics include HR planning, job design, employee recruitment and selection, equal employment opportunity regulations, performance appraisal, compensation and benefits, career development, and so forth. This course utilizes a variety a pedagogical method such as group-based activities, experiential exercises, lectures and discussions.

Prerequisite: BUS246

Credits: 3.00

BUS365

Entrepreneurship

This course introduces you to the challenges and rewards of starting and operating a start-up business. It helps students understand what is required of a new business owner in terms of financial, managerial and emotional resources. Students are required to develop a business plan by using computerized simulation software and to interview and network with business owners of interest. A final business idea pitch to an external panel is required.

Prerequisite: BUS 346

Credits: 3.00

BUS366

Management of Information Systems

You will learn to apply popular spreadsheets and database software to business case situations. The how and why of managing computer-based information systems are covered in this course and the legal and ethical implications of information gathering and dissemination are discussed.

Prerequisite: ACC101 and BUS246

Credits: 3.00

BUS368**International Management**

The study of management from an international perspective. Focus on management challenges associated with developing strategies and managing the operations of companies whose activities stretch across national boundaries with special emphasis on the transnational approach.

Prerequisite: BUS246

Credits: 3.00

BUS370**Marketing Strategies & Policies**

This course focuses on in-depth, integrative application of marketing management principles that successful firms use to create a strategic advantage. The case method as a learning tool will

be used in class to enhance the student's ability to dissect problems, offer a variety of creative solutions and ultimately make a justifiable decision. Students also apply their holistic knowledge of strategic marketing concepts by developing and presenting a marketing plan.

Prerequisite: BUS247

Credits: 3.00

BUS372**Market Research**

The theory and application of research methodology in marketing. Emphasis on the role of marketing information in business decision-making. Topics include cost and value of information, research design, information gathering and analysis, and research problems.

Prerequisite: BUS247 and ECO207

Credits: 3.00

BUS374**International Marketing**

Explores those aspects of marketing unique to international business. The differences in marketing from country to country are less conceptual than environmental; thus, consistent focus is on the environment and on the modifications of marketing thought and practices occasioned by environmental differences.

Prerequisite: BUS247

CONNECTIONS-GLOBAL

Credits: 3.00

BUS375**Social Media Marketing**

In today's digital landscape, social media marketing is a critical component of an organization's marketing strategy. This course provides an in-depth exploration of social

media marketing, focusing on key platforms, strategies, and tools used to engage audiences and drive business outcomes. Students will develop a strong foundation in social media marketing principles and industry trends while gaining hands on experience through case studies, projects, industry certifications, and a social media marketing simulation.

Credits: 3.00

BUS376

Retailing

This course provides a comprehensive understanding of the retailing industry. It focuses on the development of retail strategy and familiarizes students with all the major decisions retailers must make as they strive to compete in an ever-changing environment.

Prerequisite: FAS112 or BUS246

Credits: 3.00

BUS378

Principles of Selling

This course is designed to introduce the student to the principles of selling, with particular emphasis on how to use a time-tested, universal and industry-recognized process for selling any product, service, program, place, idea, cause, or person, or oneself to an identified customer--- the target market. Content areas of course emphasis include: selling as a profession; the importance of ethical sales behavior; the psychology of selling; sales communication; time and territory management; selling globally; relationship selling; selling oneself; and the steps of the selling process. The student will be required to participate in class and case discussions; conduct a one-on-one sales presentation with the instructor using a self-selected product; and conduct a group sales presentation to the class.

Prerequisite: BUS247

Credits: 3.00

BUS380

Business, Government, & Society

Students examine the interaction between Business and the larger legal and social framework in which it operates. Issues, such as corporate social responsibility and business ethics, are discussed. Actual corporate case studies are analyzed.

Prerequisite: Senior or Junior Status

Credits: 3.00

BUS381

Advanced Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a

bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

BUS382

Inter Internship#

A practical, professional work experience in which the student participates in the daily operations of an organization. Active participation and a significant level of responsibility are expected. Written assessments, determined by departmental policy, are required.

Credits: 3.00

BUS383

Advanced Special Topics

Advanced Special Topics

Credits: 3.00

BUS460

Seminar in Strategies & Policies

The cornerstone of this course is an Internet business simulation that requires you to participate in top management decisions in a competitive environment. Your team's performance will depend upon its ability to function well and react in an everchanging business climate.

Background material on formulation, corporate strategy, and the implementation and evaluation of top management decisions will guide you through the simulation.

Prerequisites: BUS346 & Senior Status or permission of the instructor.

Prerequisite: BUS345, BUS246, and BUS247

Credits: 3.00

BUS481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.

Credits: 3.00

BUS482

Adv Internship

Internships at this level involve a great degree of responsibility and involvement.

Enrollment requires the student to have completed extensive course work in an area of concentration.

Credits: 3.00

BUS494

Senior Seminar Sport Management

Sr. Seminar course in Sport Management track. Class lecture, discussion, research and writing will be used to help facilitate the learning and application process. A senior thesis will be developed and presented. Engagement in experiential learning through event planning opportunities at local sports organizations will enhance the student experience.

Prerequisite: BUS310 and BUS354

Credits: 3.00

BUS495

Senior Seminar in Finance

Derivatives and advanced topics in financial management. Prerequisites: BUS345 and Senior Status

Prerequisite: BUS345

Credits: 3.00

BUS496

Senior Management Seminar

An intensive research course resulting in the submission of a senior paper. In addition, various topics in management are discussed in a seminar setting.

Credits: 3.00

BUS497

Senior Marketing Seminar

An intensive research course resulting in submission of a senior paper. In addition, various topics in marketing are discussed in a seminar setting.

Credits: 3.00

BUS498

Senior Seminar in International Business

Advanced topics in international business selected from leading periodicals and journals with emphasis on case analysis. In addition, submission of a senior thesis is a course requirement. Credits: 3.00

Business Administration, School of Professional Studies

BSA105

Macroeconomics

Macroeconomics is concerned with the structure and performance of the economy as a whole, and the government's role in influencing that performance. The prime objective of macroeconomics is to understand the underlying determinants of aggregate trends in the economy concerning total output, inflation, unemployment, interest rates, and exchange

rates, among others. This course is designed to give students a basic grounding in the terminology, fundamental concepts and tools, and issues of contemporary macroeconomic theory. This course focuses attention on aggregate (macro) relationships. We will learn about the basic supply and demand model and how it explains the functioning of society's whole economy. We will examine the central problems of economic organization, the economic role of the government, the determination of national income and growth rates, the business cycle, the use of policy actions to manipulate the national output, price and employment levels, and the role of financial institutions and international trade in the national and global economy. This class is primarily focused on policymaking and policy evaluation.

Credits: 3.00

BSA135

Accounting for Business

This course is for non-accounting majors and/or employees in organizations of all sizes who must work with and understand internal accounting/financial data. It is designed for managers, entrepreneurs, and business owners who desire a greater understanding of what accounting and financial information systems can and should be supplying to them. The course provides an overview of financial accounting, with emphasis on the managerial accounting principles required to aid in understanding of how business decisions can affect financial outcomes. This course also provides a foundation for understanding financial management and financial statement analysis, which are typically addressed in the required upper-level business coursework.

Credits: 3.00

BSA140

Statistical Analysis for Business

The purpose of this course is to provide students with a sound conceptual introduction to the field of statistics and its applications in economics and business. Statistics is the science that deals with rules and procedures for collecting, organizing and analyzing data. This includes descriptive statistics, which are concerned with collection, presentation, and characterization of a set of data, and inferential statistics, which is concerned with the use of random samples to draw conclusions about one or more population parameters. The course emphasis will be on developing statistical concepts and applying them to various situations encountered in a business environment.

Credits: 3.00

BSA215

Managerial Economics

Economics teaches us a number of broad principles. For example, you learn that every choice you make means that you have to give up something else. Also, you see how different people have different preferences, incomes and needs and therefore make different, but predictable, choices. Also, the behavior of firms depends on the nature of the good or service they make and on the amount of competition in their industry. These

principles have much to say about how business leaders can make good choices and improve the welfare of their firm. Economic principles help us to make effective decisions. Today's world does not allow one to rely on the decisions of the past. The ability to recognize opportunities, to learn new skills and to solve problems are vital for both individual and career success. The tools and techniques you learn in this class (and more importantly, the logic that you practice in using these tools) should make you a more confident and clear-thinking leader. This course exposes you to concepts an economist uses and enhances your analytical abilities. You will also learn about how to gather the data needed to make informed decisions including techniques from marketing research – who are my customers and what do they want will help us to do the right thing. The course will sharpen the analytical skills of the students through integrating their knowledge of economic theory with decision making techniques. Students will learn to use economic models to isolate the relevant elements of a managerial problem, identify their relationships, and formulate them into a managerial model to which decision-making tools can be applied. Overall, the course focuses on the “economic way of thinking” and analyzing, which centers on the concept of analysis “at the margin.” Course activities will include video lectures, discussions regarding the assigned reading material, a heavy emphasis on problem solving (since that's what economists do) and a group project and group discussion board through which students will share their insights and examples.

Prerequisite: BSA105 or BSA140

Credits: 3.00

BSA231

Business Communications

This course introduces students to the key forms of communication in a business/professional environment and gives them practice in producing them in applied situations. It focuses on three things: determining what form to use depending on audience, purpose, and subject; learning the language of a professional environment; recognizing communication is both the mechanism by which people work together and the engine that derives results. The goal is to produce communication that works: to understand what makes it effective, to recognize what makes it fall short and to hone it until it works. Prerequisite: ENG 101, ENG 102, and one Business or Communication Course.

Credits: 3.00

BSA247

Intro to Marketing

This course is designed to introduce the student to the basic, time-tested principles of marketing and their application in the workplace. It is also taught from a strategic perspective, integrating these marketing principles to ascertain how companies can attract and retain customers while beating competitors and positioning the product appropriately. Topic areas for this course include: the marketing concept and process, the marketing environment, market segmentation and target marketing, product strategy, price strategy, distribution strategy, and promotional strategy.

Credits: 3.00

BSA250

Business Law I

This course introduces law and legal concepts applicable to business. Basic legal concepts and various forms of governmental regulation of business will be examined and applied to business situations involving all manners of stakeholders. This course will assist students in identifying legal issues, assist in preparation for the CPA examination, and enable them to understand professional legal advice in managerial situations.

Credits: 3.00

BSA265

Leadership & Organizational Structure

This course will provide an introduction to both the fundamental principles of management as well as to the common body of business knowledge cultivated throughout a typical business curriculum. The course examines the macro external environmental factors that affect businesses, including the economy, technology, natural environment, international aspects, sociocultural influences, and legal/political implications, coupled with the micro-environmental factors of competitors, customers, suppliers and the labor market. The course will also present an overview of management theory, including a brief history of management, as well as introduce the student to the goal of all managers: to create high performing organizations by maximizing efficiency and effectiveness. In addition, the four primary functions of management, planning, organizing, leading and controlling, will be introduced. However, this course focuses on two of those managerial functions: 1) leadership, which includes motivation, communication and teamwork, and 2) organizing, including organizational structure, change management, human resource management / diversity. Emphasis is placed on how to develop high-performing organizations through appropriate alignment of leadership, organizational structure and culture. Prerequisite: ENG102

Credits: 3.00

BSA310

Operations Management

The course provides an introduction to concepts, principles and practices of effective creation and distribution of goods and services. The focus of the course is on quantitative techniques for problem solving and decision making in a variety of strategic and tactical areas of operations management, including total quality management, forecasting, product design, process design and capacity planning, location planning, supply chain management, inventory control, and project management.

Prerequisite: BSA105 and BSA140

Credits: 3.00

BSA320

Strategic Planning & Organizational Controls

This course will address the management functions of planning and controlling from a strategic perspective. Students will gain an understanding of the entire strategic planning process, including strategy formulation, strategy implementation and strategy evaluation. The course will then focus on the strategy formulation and strategy evaluation phases of the planning function; strategy implementation, which is addressed in other business courses, particularly BSA265, will be briefly reviewed. Using case study and in a team environment, students will perform the critical strategy formulation activities, beginning with creation of the business vision statement, values and mission statement, and culminating in the development of strategies and tactics to achieve organizational goals and objectives using appropriate strategic planning tools. In addition, students will develop strategy evaluation metrics (the control function of management) to measure, monitor and modify business performance in order to achieve and retain high performance.

Prerequisite: BSA105 and BSA265

Credits: 3.00

BSA325

Marketing Strategy & Planning

This course is designed to apply both classic marketing principles learned in prior coursework (such as BSA220) and strategic management concepts (learned in BSA320) to develop a comprehensive marketing plan for a product. In addition to building a marketing plan step-by- step throughout the course, students will explore the purpose and application of market research in the marketing planning process. Students will learn how to project sales, marketing costs and expected results as part of developing the marketing plan and will gain awareness of the integration of marketing with other functions of the organization, including accounting and finance. Additionally, students will learn how marketing plans can help an organization gain a competitive advantage. At the end of the course, students will persuasively present, or “pitch” the marketing plan developed throughout the course. Prerequisite: BSA247 and BSA320

Credits: 3.00

BSA345

Financial Management for Business

This course provides survey level coverage of the primary practical and theoretical topics in field of finance. This class will prepare students for more advanced courses in business and has many practical applications to the realm of everyday business. Broadly, by the end of this course students should be able to: calculate the value of a given investment, describe how this investment vehicle functions, and know when it is most advantageous to employ the investment in question. In addition, students will be able to understand, create and analyze financial statements and utilize other comparative financial tools.

Prerequisite: BSA105, BSA135, BSA215

Credits: 3.00

BSA352

Management of Information Systems

Learn why information systems matter to business, discover the types of information systems critical to business operations, and understand the legal and ethical implications of information gathering and dissemination. You will examine how mobile, social media, the Internet of Things, cloud computing, and Big Data are transforming how individuals and organizations use information systems. You will learn about social media analytics, business intelligence, data visualization, artificial intelligence, and cybersecurity. As a team you will develop a business plan for a systems application solution for a real-world problem. Prerequisite: BSA140 and BSA140

Credits: 3.00

BSA355

International Business

This course expands on international business topics introduced in previous courses and introduces some new ones. As with most international business courses, topics include the international environment (economic, political/legal, socio-cultural, etc.) and the international aspects of the various functional areas (marketing, finance, human resource management, etc.) of business. Prerequisite: BSA105, BSA247, BSA265

Credits: 3.00

BSA371

Digital Marketing

Digital Marketing covers all marketing efforts deployed over the internet. Digital Marketing will prepare you for developing and managing an effective digital marketing strategy. This course will review major current digital marketing trends and tactics including search and display advertising, search engine optimization, website analytics, email marketing, social media and marketing automation. You will learn to analyze digital marketing channels and assess their ability to reach target markets and meet business objectives. This course will also study basic advertising planning and marketing budget management. You will be exposed to popular digital marketing costs and fee structures.

Credits: 3.00

BSA465

Integrative Capstone

The purpose of the final course in any business administration degree program is to provide students with the opportunity to integrate and apply the knowledge and skills developed throughout the business curriculum coursework. By the start of the Capstone course, students have been exposed to the common body of business knowledge, including economics, management, marketing, finance, accounting, MIS, business law, international aspects, ethics, and more. Therefore, this final course of the business curriculum is designed for students to demonstrate the ability to integrate all the material learned throughout their business coursework. In addition, the course employs the use of a team-based project as a major part of the learning experience. To accomplish these

traditional capstone course objectives, students are organized into teams and each team will develop, write and present a comprehensive business plan, from concept to implementation plans and controls. Upon completion of the written business plan, each team will be required to formally and persuasively present their business plan to an audience of simulated investors. Students will defend their research, assumptions, analysis and decisions in developing their business plan by successfully addressing audience challenges and questions. Prerequisite: BSA215, BSA250, BSA310, BSA320, BSA325, BSA345, BSA352, BSA355 & SYN318
Credits: 3.00

Business Master of Science and Master of Business Administration Graduate, School of Professional Studies *

MBA604

Marketing Management

MBA620

Information Governance, Risk Management, and Compliance

Companies storing information are responsible for keeping it safe—and face consequences if they don't. Who's at fault after an attack and who must be informed? This course covers corporate governance principles, risk identification methods, business regulations, accountability, and audits. In a data-driven world, business leaders must handle data responsibly, and by the end of this course, you'll learn how to manage the growing legal obligations around cybersecurity.

Credits: 3.00

MBA621

Network Architectures for Cyber Managers

In order to ensure a house is safe, we need to know how it's built. It's the same for cybersecurity: to ensure systems are secure, we need to understand their design and the unique security challenges of different network architectures and data storage solutions. By the end of this course, you'll be able to critique security for various network designs, including IT and OT systems, cloud environments, data storage, and IoT networks, in terms of cyber risk.

Credits: 3.00

MBA622

Cyber Risk Management and Strategy

Cyberattacks today are inevitable—but the extent of the damage may rely on how much you, as the manager, are prepared. By the end of this course, you'll know how to create risk management strategies before, during, and after cyberattacks, developing incident response plans, understanding frameworks like NIST and MITRE ATT&CK, identifying proactive and reactive protection techniques, and debriefing with 'hotwashes.'

Credits: 3.00

MBA623

Executive Cyber Defense

To defend against hackers, you need to think like a hacker. This course covers the fundamentals of ethical hacking, from Linux commands and open-source tools to attack tree construction and vulnerability research. By the end of the course, you'll be able to use what you've learned to analyze, interpret, and communicate penetration tests and security strategies to decision-makers and executives.

Credits: 3.00

MBA643

Storytelling with Data

Storytelling is one of the oldest and most powerful tools for action, and this course empowers MBA students to transform raw data into compelling narratives that drive business decisions. By the end of this course, you'll be able to create data queries and visualizations, integrate data into business planning, and effectively communicate your findings, helping organizations turn data into a strategic tool for competition and innovation.

Credits: 3.00

MBA644

Spreadsheet Modelling for Decision Making

Spreadsheet tools are the most universal and easily accessible program for most people to use and interpret data—and a vital skill for any analyst to know. In this course, students will learn data cleaning, financial modeling, optimization, and data visualization using PivotTables and PivotCharts, enabling students to analyze complex datasets, create forecasts, and effectively communicate insights to support data-driven decision-making in business contexts

Credits: 3.00

MBA645

Python for Business Analytics

Managers who hope to stay competitive in business analytics need to be able to scale their analytics—and Python provides that solution. This course covers Python's significance in business analytics, setting up the Python environment, and learning basic syntax. You'll leverage three of Python's essential libraries—NumPy for numerical data, Pandas for data manipulation, and Matplotlib for data visualization—to use data to solve complex business problems.

Credits: 3.00

MBA650

Generative AI for Managers

Generative AI (GAI) is ushering in a new age of productivity in business, and managers who ineffectively adopt it risk being outpaced by forward-thinking competitors. This course equips students to drive impact in any industry using GAI tools. You'll learn to engineer effective prompts, integrate AI into workflows, and develop innovative GAI solutions, as well as explore ethical considerations and future trends.

Credits: 3.00

MBA651

Business Use Cases for AI Models

Just like you wouldn't use a financial model to drive a marketing campaign, different business use cases require different AI tools. In this course, students will explore the potential and limitations of AI technologies, learning to identify business problems suitable for AI solutions and build effective AI implementation strategies. By the end of this course, students will address key challenges and solutions in AI implementation.

Credits: 3.00

MBA652

AI Governance and Ethics

Alongside powerful data-driven solutions, AI opens a Pandora's box of ethical issues: data privacy, bias, transparency, and balancing automation with human oversight. AI governance may be the biggest ethical issue of our time, something essential for any manager to understand before implementing this new technology. Students will develop AI policies for ethics and compliance, mitigate AI-related risks, and communicate governance standards to stakeholders.

Credits: 3.00

MBA653

Managing AI Projects

AI projects can help predict trends and optimize operations, allowing businesses to understand not just what has happened but what will happen—and what should be done about it. By the end of this course, students will be prepared to drive financial and operational impact by managing AI project lifecycles: developing comprehensive project plans, managing data and models, ensuring effective deployment, and communicating progress and outcomes to stakeholders.

Credits: 3.00

MBA660

Introduction to Healthcare Administration and Leadership

An introductory concentration course designed to bridge core MSB courses with health care specific information, specifically introducing students to multiple critical areas for health leaders to have awareness of. Students will examine multiple critical areas of the health industry to gain a generalized understanding of balanced health leadership. The goal is not to create experts from this course but to build upon the foundational knowledge gained in the core courses, and to create a scholar who has generalized awareness of the various key components of the health industry. Important discussion points will include: Finances and Revenue Cycle, and a comparative review of Business Leadership and Health Leadership.

Credits: 3.00

MBA661

Health Strategy and Innovation

This course is designed to take a deep dive into Health Strategy and Innovation, specifically building upon information encountered in MSB601 and MSB602. Students will examine several historical strategies for health business operations, as well as current best practice for general operations, and implementation of innovation into service development. After reviewing historical information, students will be tasked with creating and executing a mock process improvement initiative for a health system, selecting a service line and exploring the process from start to finish, including ethnographic analysis and follow up after process improvement has been implemented. After this class, students will have the skills to propose and execute a process improvement initiative which may be applied directly in their professional career on a process they would like to see improved. Additionally, students will have a generalized knowledge of both historical and current health strategy, service line integration, health innovation, and a firm bridge between multiple core courses and the concentration.

Credits: 3.00

MBA662

Data Collection, Integrity and Analytics

The goal of this course is to increase students' generalized knowledge of the various factors of data collection, analytics, and integrity within the health industry. During this course, students will be introduced to the history of health data collection, the emergence of Electronic Medical Records (EMR), as well as regulation behind collection, distribution, and analysis of data, specifically information covered within HIPAA. Upon completion of this course, students will walk away with a knowledge of possible data tools major health systems utilize, including EMR systems like Epic, Cerner and NextGen, data review and analysis tools like SAS Visual Analytics, SAP Business Intelligence, and Power BI, as well as a generalized understanding of major regulations that impact the way data is collected, distributed and made available to the end user.

Credits: 3.00

MBA663

Healthcare Ethics and Law

This course will develop student understanding and application of major Western and global ethical frameworks to healthcare decision-making by clinicians and administrators. This course addresses the application of moral principles in a morally pluralistic context with theoretical and pragmatic applications and outcomes for reaching moral consensus. Students will be encouraged to consider their own ethical frameworks, values, beliefs, and moral integrity to their own pursuit of conscientious healthcare decision-making. Through written reflections, weekly class discussions, and a final paper and presentation, students engage ethical concepts, translating from ethical theory to ethical practice by applying foundational beliefs and values to concrete challenges in healthcare.

Credits: 3.00

MBA664

Structure and Economics of the US Healthcare System

Healthcare systems are complicated structures beholden economically and legally to many different stakeholders and policies. When those factors change, they have consequences. Aspiring managers must be able to make informed decisions about what to do in the face of change. By the end of this course, aspiring healthcare system managers will be prepared to analyze the economic impact of policy changes on their institutions and tackle challenges such as hospital mergers, new payment models, regulated drug prices, and Medicaid insurance bids.

Credits: 3.00

MBA665

Management of Healthcare Organizations

Should a hospital focus on pediatrics or heart surgery? How can clinics build and retain a strong workforce? What is the best strategy for negotiating with insurance companies? This course focuses on the management principles and practices that create successful healthcare organizations. Students will learn to navigate key management challenges, apply strategic analysis frameworks, manage healthcare workforce and IT systems, and optimize revenue cycles—all with an emphasis on ethical leadership, effective collaboration, and quality management.

Credits: 3.00

MBA666

Data Analysis for Healthcare Management

This course equips students with the skills to manage and communicate healthcare data effectively. Students will learn to create dashboards, present patient-level data, use EHR systems, and interpret and apply healthcare data analytics in studies and decision-making. Practical applications include case studies and hands-on projects.

Credits: 3.00

MBA667

Healthcare Finance

Healthcare systems are complicated structures beholden economically and legally to many different stakeholders and policies. When those factors change, they have consequences. Aspiring managers must be able to make informed decisions about what to do in the face of change. By the end of this course, aspiring healthcare system managers will be prepared to analyze the economic impact of policy changes on their institutions and tackle challenges such as hospital mergers, new payment models, regulated drug prices, and Medicaid insurance bids.

Credits: 3.00

MBA680

Managerial Finance

All businesses need to take risks, but managerial finance experts do so without risking it all. This course focuses on present value analysis, capital markets and budgeting, and corporate capital structure. You'll learn to assess company value, understand debt vs. equity financing, and forecast financial performance while gaining skills in budget

management and decision-making that allow you to drive value creation in every aspect of the corporate world.

Credits: 3.00

MBA681

Capital Markets & Investing

Investing involves risk—but this course teaches you how to manage that risk and make the right decisions to build and protect your wealth. What portfolio decisions are safer? How can companies thrive by balancing debt and equity? How can options mitigate risk? By the end, you'll have the financial acumen to make informed investment decisions, optimize portfolio performance, and master strategies for risk management, capital allocation, and sustainable financial growth.

Credits: 3.00

MBA682

Financial Statements Analysis and Valuation

Financial statements are a gold mine for valuing companies accurately, influencing investment decisions, and driving success. This course covers financial statement analysis, financial ratios, risk assessment, pro forma statements, and advanced valuation techniques like DCF and comparable company analysis. Students will learn to interpret and utilize these tools to make informed investment decisions and effectively communicate financial insights.

Credits: 3.00

MBA690

Business Ethics

MBA691

Managerial Communications

MBA700

Strategic Management – Capstone course

MSB601

Innovation and Change Management

This course provides students with understanding and skills necessary to manage innovation and change in order to achieve organizational competitive advantage. Students will examine theories, analytical frameworks and practical applications of planning, organizing, leading and controlling innovation and change initiatives in the context of organizations. This is not a course on how students can individually be

innovative and creative; rather, it focuses on how individuals together contribute to the agility and competitiveness of an organization as a whole. Important discussion topics include various types of innovation (incremental, architectural, disruptive, and radical innovation), leading innovation in the business ecosystem, cultural aspects of organizational innovation and innovation for sustainability.

Credits: 3.00

MSB602

Quantitative Research Methods in Business

The world of business is a world of numbers and those who can use numbers to analyze their business practices and make predictions are better equipped to deal with the many challenges they will face in business. This course reviews and builds on skills in accounting, finance, managerial economics, statistics and operations management, preparing the student to select, plan and implement strategies within their company. Each of these major content areas is examined through the lens of a firm as students apply quantitative techniques in decision making. Students will then apply techniques from these 5 fields in an integrated course project.

Credits: 3.00

MSB603

Global and Sustainable Strategies

Continuous and seismic changes take place every day on global, national, and local levels and challenge long held and fundamental assumptions about global trade, globalization, economics, and management. Increasing pressure from governments, activists and investors force organizations to consider and integrate sustainability into their vision and strategy as well as operations with interest and concern for their long-term economic, environmental, and social impact. This course will cover strategic aspects of building, leading, and managing a thriving global organization in an increasingly complex environment. It provides a conceptual foundation to promote understanding of sustainability concepts and frameworks and also discusses real- world business examples of sustainability in action. Discussion topics include globalization (what it is and how MNEs are impacted by the opportunities and challenges presented by globalization), cultural intelligence, why firms go global, where and how firms go global, and successful strategies in various categories of markets. An important part of the course examines the definition of and implications of sustainable business practices, both in the domestic and the global sphere.

Credits: 3.00

MSB611

Special Topics in Business

Opportunity to study concepts and research in areas of business not covered by the regular course of study. Areas covered are those in which instructors have special

expertise and in which there is a special student request. Special topics courses may include digital platforms, sustainability issues in particular industries and principles of the sharing economy to name a few.

Credits: 3.00

MSB630

Strategic Cost Accounting

Strategic Cost Analysis is the process of analyzing and managing costs in order to improve the strategic position of the business. This goal can be accomplished by having a thorough understanding of which activities and costs support an organization's strategic position and which activities and costs either weaken it or have no impact. Subsequent cost management efforts can then focus on reducing or limiting expenditures on activities that add little or no strategic value, while increasing expenditures on activities that support the strategic position of the organization. Performance can then be evaluated to ensure that the chosen actions are taken, and that these actions are yielding improved strategic performance. Throughout the class, the following strategic cost analysis and management framework will be applied across the various functions of an organization to highlight the cost analysis and performance evaluation methods available to improve strategic performance.

Credits: 3.00

MSB631

Accounting Information Systems

This course explores the conceptual overview of accounting information systems (AIS) and their use in business. Objectives of the course analyze modeling and event driven accounting information systems as well as the development, documentation, control and audit of AIS. Additional topics include an overview of AIS and its role in financial reporting; the use of database management software and accounting software in developing modern AIS.

Credits: 3.00

MSB632

The Federal Tax

This course focuses on an introduction to federal income taxation with primary emphasis on the tax implications of tax transactions. To accomplish this objective, we will explore tax policy issues and develop a basic understanding of federal income tax laws, income tax planning and the impact on business transactions.

Credits: 3.00

MSB640

Data Visualization

Students will learn how organizations utilize data in business decisions and display data solutions visually. Using popular software students will develop digital dashboards and data models. Students will develop analytical skills in developing data

visualization reports and various outputs and develop skills in strategic data design.
Credits: 3.00

MSB641

Business Analytics

Business Analytics - Business analytics (BA) refers to the skills, technologies, and practices for continuous iterative exploration and investigation of past business performance to gain insight and drive business planning.[1] Business analytics focuses on developing new insights and understanding of business performance based on data and statistical methods. In this course students will learn about database structures, types of business systems and data, and develop data driven decision methods and processes.
Credits: 3.00

MSB642

Statistical Models

This graduate-level course focuses on predictive analytics and their applications in business and marketing. It reviews concepts and techniques of regression and predictive modeling previously taught in MSB 640 and 641 and introduces the use of R programming language. Topics include cross- sectional data processing, classification and clustering, linear and generalized linear regression models, model selection, penalized estimation, shrinkage methods (such as lasso, ridge regression and decision trees), and predictive model performance analytics. Throughout the course, students will gain hands-on experience writing and interpreting R scripts and output. Prerequisite: MSB641
Credits: 3.00

MSB670

Digital Marketing

Digital Marketing uses digital channels to reach and connect with customers via the internet and other forms of digital communication. This course will provide an overview of digital marketing strategies and tactics used in various digital channels such search and display advertising, search engine optimization, email marketing, and social media. Students will then apply what they have learned to develop and present a digital marketing plan to a local organization or business. Additionally, students will analyze and discuss how digital marketing can create value for an organization and how digital marketing and technology impacts the digital consumer. Further, students will have the opportunity to prepare for and achieve Google Search Ads and Google Display Ads certifications.
Prerequisite: BUS247
Credits: 3.00

MSB671

Marketing Analytics

Credits: 3.00

** Some concentrations within the Master of Business Administration include three online courses offered through a national consortium of accredited institutions. All courses are evaluated, approved, and assessed through Albright College's standard governance processes and taught by participating faculty within a national consortium of accredited institutions. Students who successfully complete these courses earn credits from Albright College that are applied toward their degree.*

MSB672

Integrated Content Strategies

Having a sound content strategy is the best way for brands (both personal and professional) and businesses of all sizes to shape their brand identity, build brand awareness, and attract/retain an engaged audience. The digital landscape is constantly changing and evolving. This requires content marketers to frequently adapt and refine their approach to meet changing consumer needs and business challenges. This course will look at the evolution of content marketing and how content marketing is predicted to evolve over the next decade to inform a forward-looking focus on designing a content strategy for a business or brand. Specifically, students will learn to plan and implement strategies for video, mobile-first and interactive experiences, customer-focused content, content auditing and optimization, and the shift to zero-party data (data collected voluntarily from customers in exchange for value, i.e. creating content for a cookie-less world).

Credits: 3.00

MSB750

Effective Team and Project Leadership

Effective implementation of organizational change and innovation requires both an understanding of project management techniques and transformational leaders who are able to inspire and influence teams to elicit entrepreneurial ownership, adaptability, and flawless execution in order to achieve high performance and sustainable competitive advantage. This course will focus on transforming business leaders into agents of change who are equipped to successfully manage and execute team-based projects that fully engage team members, instill collaboration, and transcend individual performance through a shared vision of team achievement. The course will introduce best practices in project management and emphasis will be placed on the importance of continuous, transparent communication and effective management, leading to individual empowerment, satisfaction, and successful team outcomes.

Credits: 3.00

Chemistry

CHE100

Chemistry & Society/Lab

An introduction to chemistry through the study of relevant issues set in their political, economic, social, international, and ethical context. The chemical content is presented as needed to provide a basis for the understanding of such topics as the air we breathe, the ozone layer, global warming, energy, water, acid rain, environmental pollutants, drug design, and genetic engineering. Three hours lecture, three hours laboratory per week.

GENERAL STUDIES FOUNDATIONS-NATURAL SCIENCE

Credits: 4.00

CHE100L

Chemistry & Society Lab

Three-hour lab.

Credits: .00

CHE102

Science of Food & Cooking/Lab

This course is designed to use food and cooking to learn biochemistry. After exploring some basic biochemistry, explore various food types, such as fruits, vegetables, beer, wine, bread, baked goods, chocolates, candy, milk, cheese, meat, eggs, and custards. Students will implement experiments with food aimed at exploring questions and testing hypotheses to develop their critical thinking skills. For the online version of the course, students will need access to a kitchen with some basic cooking equipment. General Studies Foundations-Natural Science. No prerequisite knowledge or courses are required except the ability to do simple mathematics. Three hours of lecture and three hours of laboratory per week.

Corequisite: CHE102L Lab

Credits: 1.00

CHE102L

Science of Food & Cooking Lab

Lab for Science of Food and Cooking

Corequisite: CHE102 Lecture

Credits: .00

CHE105

General Chemistry I/Lab

An intensive study of the main concepts of chemistry, this course covers qualitative and quantitative descriptions of matter and reactivity. The description of matter includes the atomic and subatomic scale (atomic structure, bonding, geometry, and intermolecular

forces) and the macroscopic scale (phases of matter and solutions). Reactivity topics include basic patterns of reactivity, reaction stoichiometry, thermochemistry. Both conceptual learning and quantitative problem solving are emphasized. The laboratory program involves inorganic synthesis and qualitative analysis. Designed for the student who plans to concentrate in chemistry, biochemistry, biology or a related field. Facility with algebra is assumed.

Four hours lecture, four hours laboratory per week.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: CHE105L Lab

Credits: 4.00

CHE105L

General Chemistry I Lab Four-hour lab.

Corequisite: CHE105

Lab Credits: .00

CHE106

General Chemistry II/Lab

A continuation of CHE 105. Four major topics are covered: kinetics equilibrium, spontaneity and entropy, and an introduction to inorganic chemistry. Within these topics, acid-base (proton transfer equilibrium) chemistry, electrochemistry (electron transfer equilibrium) and solubility (solid-ion equilibrium) will be discussed. The introduction to inorganic chemistry includes descriptive chemistry on metals and nonmetals, coordination chemistry, nuclear chemistry and environmental chemistry. The laboratory program is concerned with quantitative analysis with an introduction to the use of chemical instrumentation. Facility with algebra is assumed. Four hours lecture, four hours laboratory per week.

Prerequisite: CHE 105

Corequisite: CHE106L Lab

CHE106L

General Chemistry II Lab Four-hour lab.

Corequisite: CHE106 Lecture Credits: .00 Lab component = 0 credit hours.

CHE107

Chemistry in Art/Lab

The exploration of the molecular basis of color and form in art will be used to learn basic concepts of general chemistry along with some aspects of organic chemistry including: atoms, molecules, elements, compounds, the periodic table, chemical bonding and reactivity, acids and bases, oxidation and reduction, and polymers. All these concepts will be described as we explore the chemistry of art through media such as paints, dyes, metals, alloys, ceramics, glass, paper, fibers and photographic materials. The laboratory will involve synthesis, analysis, and application related to various art forms such that the scientific method will be used to explore the chemistry in art. General Studies Foundations

Natural Science: 3 hours of lecture, 3 hours of laboratory per week.

Corequisite: CHE107L

Credits: 4.00

CHE107L

Chemistry in Art Lab CHE 107 lab

Corequisite: CHE107 Lecture Credits: .00 Lab component = 0 credit hours

CHE207

Organic Chemistry I/Lab

This course explores the chemistry of carbon-based compounds, covering topics such as molecular structure, physical properties, and reactivity. Structure is explored through Lewis and line-angle structures, nomenclature, functional groups, conformations, stereochemistry, and spectroscopy. Reactivity is introduced using mechanisms as a theme. The laboratory component focuses on foundational techniques such as melting points, extraction, spectral interpretation, distillation, chromatography, and synthesis. Emphasis is placed on experimental design skills, accurate data collection, analysis, and reporting. Three hours of lecture and four hours of laboratory per week.

Corequisite: CHE207L

Prerequisite: CHE106

Credits: 4.00

CHE207L

Organic I Lab

Corequisite: CHE207

Lecture Credits: .00

CHE208

Organic Chemistry II/Lab

A continuation of Organic Chemistry I, this course explores the physical and chemical properties and spectral analysis of organic compounds. An emphasis is placed on predicting the products of chemical reactions and sequencing them into syntheses. Laboratory work is devoted to the synthesis and characterization of organic compounds. Emphasis is placed on experimental design skills, accurate data collection, analysis, and reporting. Three hours of lecture and four hours of laboratory per week. Three hours of lecture and four hours of laboratory per week.

Corequisite: CHE208L Lab

Prerequisite: CHE207

Credits: 4.00

CHE208L

Organic II Lab Four-hour lab.

Corequisite: CHE208 Lecture Credits: .00 Lab component = 0 credit hours

CHE230

Introduction to Global Climate Change

Understanding of the scientific and social aspects of global climate change is necessary for responsible policy and decision making. This course introduces students to the science behind climate change, the physical and social impacts as a result of a changing climate, and a discussion of solutions to climate change. During this course we will examine the concepts of global climate change, why it is important for us to understand these concepts, and how we can be part of the solution to climate change. In this course, you will develop a foundation of knowledge about global climate change that you can use as you encounter climate change in your life through the media, conversations, and experiences. The course is divided into six modules and explained in more detail in the course structure and outline section.

FOUNDATIONS- GLOBAL CONNECTIONS.

Credits: 3.00

CHE281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

CHE321

Quantum Mechanics & Spectroscopy/Lab

A survey of basic physical chemical principles, with emphasis on classical and statistical thermodynamics and introductory quantum theory. Three hours lecture, four hours laboratory per week.

Prerequisites CHE106 and MAT132

Corequisite: CHE321L Lab

Credits: 4.00

CHE321L

Quantum Lab Four-hour lab.

Coreq: CHE321 Lecture Credits: .00 Lab component = 0 credit hours

CHE322

Thermodynamics & Kinetics/Lab

This course discusses the 3 laws of thermodynamics and their application to equilibrium cases in solids, liquids and gases. Next, we move to reaction mixtures, solubility and phase diagrams. The semester finishes with a discussion of kinetic and transport processes. Three hours lecture and four hours laboratory per week.

Prerequisite CHE106, MAT131 or MAT129

Corequisite: CHE322L Lab

Credits: 4.00

CHE322L

Thermo Lab Four-hour lab.

Corequisite: CHE322 Lecture Credits: .00 Lab component = 0 credit hours

CHE323

Instrumental Analysis/Lab

A study of the theory of modern instrumental methods of chemical analysis. Topics include various spectroscopic techniques such as infrared, ultraviolet-visible, fluorescence, atomic absorption and emission, and nuclear magnetic resonance. Mass spectrometry, liquid and gas chromatography, and various evaluative mathematical techniques also are discussed. Three hours lecture, four hours laboratory per week.

Corequisite: CHE323L Lab

Prerequisite: CHE321 Lecture (May be taken concurrently) Min Credits: 3.00 And PHY202 Lecture Min Credits: 3.00

Credits: 4.00

CHE323L

Instrumental Lab Four-hour lab.

Corequisite: CHE323 Lecture Credits: .00 Lab component = 0 credit hours

CHE324

Inorganic Chemistry/Lab

Modern concepts of inorganic chemical structure and bonding are examined in detail. The application of the theories and inorganic structures are illustrated with examples from environmental, bioinorganic and industrial chemistry. Modern methods of synthesis and analysis of inorganic compounds are the focus of the laboratory. Three hours lecture, four hours laboratory per week.

Corequisite: CHE324L Lab

Prerequisite: CHE207

Credits: 4.00

CHE324L

Inorganic Lab Four-hour lab.

Corequisite: CHE324 Lecture Credits: .00 Lab component = 0 credit hours

CHE325

Biochemistry I/Lab

This course offers a fairly rigorous coverage of the organic chemistry of the major classes of biomolecules. Its aim is to introduce the relationships between chemical structure and biological function within living organisms, which provide a foundation for the understanding of intermediary metabolism. The course begins with a review of the structures of cells and organelles, the essentials of biomolecules, the properties of an aqueous environment, and introduces the central concepts of bioenergetics and

thermodynamics. It then continues with a description of the structures and functions of proteins, carbohydrates, lipids, and nucleic acids. In each case structure and composition of these molecules are related to their biological functions. The laboratory introduces a variety of basic techniques commonly used in the isolation, purification, characterization, and analysis of proteins, carbohydrates, lipids, and nucleic acids, the principle classes of biomolecules. Three hours lecture and four hours laboratory per week.

Corequisite: CHE325L Lab

Prerequisite: CHE207

Credits: 4.00 hours

CHE325L

Biochemistry Lab Four-hour lab.

Corequisite: CHE325 Lecture Credits: .00 Lab component = 0 credit

CHE326

Biochemistry II/Lab

The course begins by examining the dynamics of life by studying catalysis and the design of metabolic pathways. The latter portion of the course is concerned with the integrated network of chemical reactions involved in metabolism. It deals with the energetics of life, the reactions by which organisms degrade molecules to release the energy stored therein, how they use that energy to synthesize other molecules, and how organisms regulate the pathways by which molecules are degraded or synthesized. This portion is largely focused on the various pathways involved in carbohydrate metabolism. Three hours lecture, four hours laboratory per week.

Corequisite: CHE326L Lab

Prerequisite: CHE325

Credits: 4.00

CHE326L

Biochemistry Lab Four-hour lab.

Corequisite: CHE326 Lecture Credits: .00 Lab component = 0 credit hours

CHE381

Adv Lab

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

CHE382

Inter Internship #

Work at this level is designed to allow the student to gain experience and improve

competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work. Credits: 3.00

CHE383

Advanced Special Topics Advanced Special Topics

Prerequisite: CHE326 Min Grade: D-

Credits: 3.00

CHE411

Advanced Organic Chemistry/Lab

This seminar course explores organic chemistry using physical and mechanistic organic concepts, including molecular orbital theory. Problem solving and current literature are emphasized. The laboratory focuses on synthetic reaction development and NMR techniques. Three hours lecture and four hours laboratory per week.

Corequisite: CHE411L Lab

Prerequisite: CHE208

Credits: 4.00

CHE411L

Advanced Organic Chemistry Lab Four-hour lab.

Corequisite: CHE411 Lecture Credits: .00 Lab component = 0 credit hours

CHE412

Advanced Topics in Chemistry

Selected topics with recent advances in chemistry. As part of the course students will prepare and present papers based on recent chemical literature. Three hours lecture per week.

Prerequisite: CHE207 Lecture Min Credits: 3.00

Credits: 3.00

CHE420

Environmental/Lab

An advanced treatment of the chemistry of the environment. Topics include aspects of aquatic chemistry, atmospheric chemistry, biocycles and soils and minerals, and the effects of both organic and inorganic chemicals in the environment. The laboratory will involve field work in a project-oriented approach dealing with selected local environmental problems. Field trips to significant chemical processing facilities will be taken. Three hours lecture, four hours laboratory per week.

Corequisite: CHE420L Lab

Prerequisite: CHE322 Lecture (May be taken concurrently) Min Credits: 3.00 And CHE323 Lecture Min Credits: 3.00

Credits: 4.00

CHE420L

Environmental Lab Four-hour lab.

Corequisite: CHE420 Lecture Credits: .00 Lab component = 0 credit hours

CHE470

Advanced Topics in Chemistry Education

This course facilitates the integration of chemical principles with the education curriculum in preparation for the rigors of pedagogy. Students will thoroughly develop various educational projects that are based on the chemistry core content and are reflective of relevance to and impact on other fields.

Prerequisite: CHE 207

Credits: 3.00

CHE481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. Students can receive up to 6 credit hours for CHE481. Credits: 3.00 to 6.00 Recommend change to reflect credit hours.

CHE482

Adv Internship

Internships at this level involve a great degree of responsibility and involvement.

Enrollment requires the student to have completed extensive course work in an area of concentration.

Credits: 3.00

Communications

COM183

Introductory Special Topics Credits: 3.00

COM210

Uncovering Fashion

What is fashion—and how does fashion “happen”? In this course, students will learn how fashion gets created; how Western fashion has been adopted historically across the globe; how and why elements of historical costumes from various countries become woven into designers’ runway creations; and how styles are expressed and adopted today, with special attention to the interdependencies between specific countries, particularly in relation to the role of media (fashion communication).

To develop a critical view of global fashion, students must first explore their own relationship to apparel and fashion adoption, starting in childhood and progressing to adulthood. Additionally, students will:

- define major influences regarding concepts of dress and identity;
- engage in discussions regarding perception of the many role(s) that dress plays in societies around the world; and
- explore the relative power of media venues for fashion as an expression of self.

In learning the underpinnings of fashion, students will study, master, and use terminology specific to this subject (e.g., texture, silhouette, haute couture, prêt-a-porter, atelier, bespoke, etc.) and will explore historical theories of dress and apparel (protection and utility, power and status, modesty/immodesty, and adornment) to acquire core expertise about fashion in general. The class will analyze societal factors and expectations regarding gender, class, financial status, sports, leisure, work arena, and political correctness as elements of decision-making in garment/accessory creation, apparel marketing, and fashion adoption by the masses. A compare/contrast approach to studying fashion in media of select countries is facilitated by active use of scholarly articles in the Berg Fashion Library database (offered by the Library).

The class will learn about historical precedents in the global runway world, focusing first on the traditional runways of Paris, Milan, London, and New York. A Final Project will examine,

through research, visuals, and writing, specific fashion expressions in two countries that influence each other directly or indirectly. This Final project might focus on a specific emerging trend in menswear, womenswear, or children's clothing in a market beyond the borders of Europe and the United States, such as China, Vietnam, Japan, India, Brazil, Australia, Nigeria, Egypt, etc.). Another approach might involve analyzing fashion labor issues between the United States or the U.K. as they impact Bangladesh, Mali, or any other country whose commerce is tied to the apparel industry.

GENERAL STUDIES CONNECTIONS GLOBAL HUMANITIES

Credits: 3.00

COM219

Magazine and Feature Writing

COM 219 introduces students to the practice and profession of feature writing. Students will learn how to research, write, and market nonfiction feature articles to general and specialized magazines, websites, and newspapers. In addition to analyzing the work of established journalists, students will develop writing skills across a variety of formats including magazine cover stories, personality profiles, reviews, opinion essays, and multimedia articles.

Prerequisite: ENG 102

Credits: 3.00

COM222

Newswriting

Introduction to gathering and preparing information for print, online and broadcast news

media with a focus on news style, journalistic ethics, connecting with audiences, and writing compelling stories.

Prerequisite: ENG 102

Credits: 3.00

COM230

Public Speaking

An introduction to research, organization, composition, and delivery of speeches for various occasions, with emphasis on developing and supporting arguments, listening skills, informative and persuasive speaking, and small group communication. Credits: 3.00

COM240

Introduction to Documentary

Documentary media have a history of social engagements and a tangle of ethical ones. In this Connections-Humanities course, students will learn how to “read” and discuss the documentary mode of mediamaking – particularly moving image documentaries. In viewing documentary subjects, students will learn about different perspectives on ways of living and relating to the world while simultaneously learning about the capturing and re-construction of reality as approached and produced by documentarians. Alongside sharpening critical viewing and analysis skills in relation to moving image documentary works, students will explore ethical issues in documentary, how documentaries work to engage the viewer, documentary histories, and modes of non-fiction storytelling. In the end, it is the documentary form itself that becomes the site of learning – how this form of storytelling includes different perspectives on ways of living and relating to the world and how understanding different traditions and values within documentary-making can contribute to a broader understanding of cultural values. This course can count as a General Education Connections-Humanities elective, a Communications elective, or an open/free elective.

Credits: 3.00

COM242

Television and Social Change

This course provides a critical and historical overview of American entertainment television, covering sitcoms, dramas, and reality genres. We will explore the history and influence of television as a medium; examine representations of gender, race, sexuality, and class; and consider how entertainment television has worked for and against social movements such as feminism, LGBTQ+ rights, and civil rights. We will consider popular media's effects on audiences and study how production and commercial considerations influence programming. And, of course, we will apply these insights as we screen and discuss specific TV programs. Assignments include written responses to readings and screenings, short presentations, and a chance to research a television-related topic of your choice. This course can be taken for Connections Humanities credit or as an elective in Communications or Women's and Gender Studies. GENERAL STUDIES:

CONNECTIONS-HUMANITIES

Credits: 3.00

COM250

Media & Society

Examination of the historical, intellectual, social, economic, cultural, and political influences that have shaped present day mass communication and the effects of mass communication industries, contents, and processes on contemporary society. Survey of mass communication theories and the interaction of mass communications and society.

Credits: 3.00

COM255

Desktop Publishing

An introduction to designing and creating publications using Adobe InDesign and related programs, as well as the theory and practice of designing and producing a variety of publications (from advertisements and business cards to newsletters and magazines) from conception to final product. Prerequisite: ENG 102

Credits: 3.00

COM260

Critical/Cultural Media Studies

This theory course introduces students to communications as a discipline with a focus on how critical/cultural theories are used to examine power and representation in media industries, texts, and audiences. Students will be introduced to tools and perspectives used within critical/cultural

media studies, and develop an understanding of how this area of study represents a valuable way of knowing the world. FOUNDATIONS - HUMANITIES Credits: 3.00

COM280

Latin American Media

Students explore the interplay between culture and media in Latin America and the diaspora. While Spanish-language proficiency is helpful, course materials will be available in English. Student projects will focus on a particular site of the intersection of culture and media - such as images in advertising, religion & media, domestic cinema, media ownership, or regional differences.

CONNECTIONS - GLOBAL/HUMANITIES

Credits: 3.00

COM283

Intermediate Special Topics

Prerequisite: ENG102

Credits: 3.00

COM287

Advertising and Consumer Behavior

Students will examine consumers and the drivers of consumer behavior. We will study societal influences and human behavior principles, and their application to the consumer in advertising. We will work to understand how and why consumers choose, evaluate, and use the goods and services they do. Therefore, we are also studying the ways in which our own attitudes, beliefs, experiences influence our own consumer decision processes. While consumer behavior is a relatively young field, we will explore both the historical foundations and the contemporary approaches. This understanding can help us be better consumers, advertisers, and contributors to society. Topics to be explored include how cross-culture variations, group influence, individual attitudes, emotion, and perception play a role in consumer behavior.

Credits: 3.00

COM315

Community Reporting

COM 315 teaches strategies for reporting on government and social issues for the news media. Class sessions will consist of discussion, media analysis, and writing and editing exercises.

Additionally, students will follow and report on campus “beats” – or specialized areas – outside

of class. Students will learn about journalism ethics, investigative reporting, the role of the news media in shaping civic discourse, and how to develop and cover a beat.

Prerequisite: COM 219 or COM 222 or COM 327 or by instructor permission.

Credits: 3.00

COM316

Editing and Publishing in a Digital Era

Editing, design and layout of print and online publications. Students identify, research and develop a plan to serve a particular niche audience. Course introduces desktop publishing technologies, develops editorial plan and prototypes, and practices news evaluation, copy editing, headline writing, picture editing, illustration and editorial strategy.

Prerequisite: COM 219 or COM 222 or COM 327 or COM 390.

Credits: 3.00

COM317

PR and Advertising Campaign Planning

Introduction to the theory and practice of advertising and public relations through the campaign planning process. Students explore market research, strategic planning, persuasion, message design, and media selection and scheduling. Students assess media sources including radio, television, and social media. Study of the influences of advertising and public relations and the role and responsibilities of advertising and public relations practitioners.

Prerequisite: ENG102
Credits: 3.00

COM320

Media Law & Freedom of Expression

Legal doctrines governing political and commercial speech, press freedom and censorship, defamation, privacy, intellectual property and related issues. Study of the legal rights and constraints of mass communications industries, including print, broadcast, cable and online media, advertising and public relations.

Prerequisite: ENG 102
Credits: 3.00

COM321

Media History

A survey of the history of American mass media from a historical perspective, with an emphasis upon their social, political and economic environments.

CONNECTIONS-HUMANITIES

Prerequisite: ENG102
Credits: 3.00

COM323

Media & Fan Culture

Students explore media entertainment and fan culture within the interdisciplinary area of fan studies. Media fandoms are an active and critical part of the contemporary media entertainment enterprise. Fans develop their own subculture through building a community in person and online, engaging media texts, interacting with producers and the cast, and producing and sharing their own creative projects. Students read and discuss historical and contemporary scholarly work with an emphasis on media fandoms, conduct digital fandom fieldwork, participate in fan production, consider ethics in fan studies research, and reflect upon media entertainment and fan culture. GENERAL

STUDIES: CONNECTIONS-HUMANITIES

Credits: 3.00

COM324

Political Economy of Media

Examines the historical evolution of media industries and the economic structures in which they are embedded. Surveys patterns of ownership and control, government policies, and other issues in media industries, including newspapers, magazines, television, motion pictures, book publishing, and recorded music. Political economy draws upon economics, political science and sociology to examine the intersection of economic systems and the political environment upon business models and policy choices. Credits: 3.00

COM327

Public Relations Writing

In this course, students will build public relations writing skills through hands-on practice crafting public relations pieces such as press releases, radio spots, blogs, and social media campaigns. Students will also gain experience in basic print design, layout, and peer revision. Through classroom instruction and lab experience, students will come to understand the basic writing and production skills needed to enter the public relations field.

Prerequisite: COM 317 or COM 219 or COM 222 or by instructor permission.

Credits: 3.00

COM333

Internship

In this course, students pursue supervised internships with magazines, newspapers, broadcast stations, public relations/advertising agencies, or other relevant campus or community organizations. Internship tasks must be directly relevant to Communications, and students must submit a journal, portfolio, and reflective essay documenting their work. Internships must be registered with the CDC and approved by faculty in advance of the semester to receive credit. Credits: 3.00

COM337

Public Relations & Advertising Research

This applied research course focuses on consumer and market research that are used in today's public relations and advertising industries to plan and evaluate creative campaigns. Students will explore audience segmentation, media audience measurement and profiles, surveys, focus groups and concept testing.

Prerequisite ENG 317.

Credits: 3.00

COM383

Advanced Special Topics

Prerequisite: ENG102

Credits: 3.00

COM390

Multimedia Writing

This course teaches writing and editing skills for multimedia platforms, including video, audio online reporting, blogging, and social media. Students will learn to communicate professionally and effectively across platforms, as well as learn skills specific to each medium. Among many other aspects, we will consider tone and word length, integration of hyperlinks and graphics, scripting and narration, camera angles and sound quality. Our readings and discussions will explore how multimedia applications have changed the journalism, public relations and advertising industries and changed consumer habits and expectations.

Prerequisite: COM222 or COM219 or COM219 or COM327

Credits: 3.00

COM480

Seminar in Communication Research

Students are introduced to the role of theory in shaping research studies and interpreting their findings, and explore a variety of research methods commonly used in the field, including experimental, survey, content analysis, focus groups, case studies, and ethnography. Students develop a research question, conduct a literature review, and design an original research study. Prerequisite: Senior standing and COM 250 and COM260

Credits: 3.00

Computer Science

CSC100

Introduction to Computer Concepts

This course provides a personal capability for student use of information technology. Exposure to a suite of software tools, which are useful for the IS major, including Internet and electronic mail, spreadsheet processing, databases, presentation graphics, statistical software and word processing. Credits: 3.00

CSC119

Introduction to Programming

Elements of programming in C, C++, JAVA, or some other high-level language; practical experience solving problems; coding and executing programs. Does not fulfill the computer science concentration requirements.

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00 CSC130

CSC

Introduction to Data Analytics

In this course, students will be introduced to the basics of Data Analytics and students will explore how data are created, organized, structured, and analyzed at an introductory level. Aspects covered in this course include Descriptive Statistics, Correlations, Data Sorting, Data Visualization, and introductory Predictive Analytics, as well as how to interpret statistical outputs. No previous data experience is required. Credits: 3.00

CSC141

Foundations of Computer Science I/Lab

Introduction to problem-solving methods and algorithm development. Objective is to teach how to design, code, debug, and document programs using techniques of good programming style.

Three hours lecture, three hours laboratory per week.

FOUNDATIONS-QUANTITATIVE REASONING

Corequisite: CSC141L

Credits: 3.00

CSC141L

Foundations Lab Three-hour lab.

Corequisite: CSC141

Lecture Credits: .00

CSC142

Foundations of Computer Science II/Lab

The objectives of this course are to continue the development of discipline in program design, style and expression, and debugging and testing; to introduce algorithmic analysis; and to introduce basic aspects of string processing, recursion, and simple data structures. Three hours lecture, three hours laboratory per week.

Corequisite: CSC142L Lab

Prerequisite: CSC141

Credits: 3.00

CSC142L

Foundations II Lab Three-hour lab.

Corequisite: CSC142

Lecture Credits: .00

CSC150

Fundamentals of Information Systems

This course introduces systems and development concepts, information technology, and application software. It explains how information is used in organizations and how information systems enable improvements in quality, timeliness, and competitive advantage.

Credits: 3.00

CSC183

Introductory Special Topics Introductory Special Topics

Prerequisite: PERMIS Min Grade: D-

Credits: 3.00

CSC210

Algorithm Design and Analysis

A study of data structures and algorithms, their practical applications, and key techniques for designing, analyzing, and reasoning about them with an emphasis on the comparative efficiency of several searching and sorting algorithms. Topics include lists, stacks, queues, recursion, searching and sorting, binary trees, and graphs. Credits: 3.00

CSC213

Assembly Language & Computer Organ/Lab

The objectives of the course are to provide basic concepts of computer systems; to introduce computer architecture; to teach an assembly language; and to introduce the organization and structuring of the major hardware components of computers. Three hours lecture, three hours laboratory per week.

Prerequisite: CSC141

Credits: 3.00

CSC213L

Assembly Lab Three- hour lab.

Credits: .00

CSC220

Data Structures and Algorithms

The discipline of computer science consists of much more than just using and creating application programs. This course focuses on the foundational concepts that support the digital systems upon which we depend. Many of these concepts can be classified into two groups: discrete mathematical structures (such as set theory, graph theory, propositional logic, and combinatorics and probability) and the basic but necessary tasks performed by a computer's operating system. The student who completes this course will gain understanding of the fundamental concepts necessary for further application of these principles in computing and related fields.

Prerequisite: CSC210

Credits: 3.00

CSC230

Data Analytics I

This course will lead students to more sophisticated statistical modelling and data analysis, as well as to learn and practice approaches to data management and manipulation. This course's statistical modelling will focus on Linear Regressions and probabilities as students learn in-depth how these are performed and how to diagnose issues with these types of modelling.

FOUNDATIONS-QUANTITATIVE REASONING

Prerequisite: CSC 130

Credits: 3.00

SC231

Data Analytics II

In this course, students will continue upon CSC 230's coursework and include modelling such as: Maximum Likelihood Estimation, and techniques such as: Regression Trees &

Random Forest, Causal Analysis, and Forecasting. This course will also have a specific focus on working with Count Variables, as well as practice using Difference-in-Differences. This course uses a combination of Python, R, and/or Stata.

Prerequisite: CSC 230

Credits: 3.00

CSC281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

CSC282

Intro Internship#

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

CSC283

Intermediate Special Topics Intermediate Special Topics

Credits: 3.00

CSC305

Algorithms

Analysis of data structures and algorithms for their manipulation. Comparative efficiency of searching and sorting algorithms. An objective of the course is to apply analysis and design techniques to non-numeric algorithms which act on data structures.

Prerequisite: CSC142

Credits: 3.00

CSC306

Operating Systems

Structure and implementation of multiprogrammed and time-shared computer systems. Sequential, interacting, and sharing processes. Memory management, synchronization, protection, virtual memory, monitors, kernels, and networks of operating systems modules.

Prerequisite: CSC142

Credits: 3.00

CSC307

Software Engineering/Lab

This course examines axiomatic bases of program and system design. Students gain laboratory experience designing systems software and are introduced to state-of-the-art software for designing structured systems. Three hours lecture and three hours laboratory per week.

Prerequisite: GSC 305 or permission of the department

Credits: 3.00

CSC307L

Software Engineering Lab

Credits: .00

CSC310

Computer Architecture and Organization

Computer organization and architecture refers to the details of how a computer works and how a computer is designed. This course focuses on the various components necessary to process information digitally, organized as a hierarchy of layers. We shall navigate these layers beginning with low-level hardware components, progressing through assemblers and operating systems, and ultimately ending with high-level, end-user software applications. The study of computer organization focuses on these hierarchical layers and the issues involved with how these levels are partitioned and implemented. The study of computer architecture focuses on the interface between hardware and software, emphasizing the structure and behavior of the system. Being a computer scientist means more than just being a programmer or systems engineer. Understanding both the organization and architecture that computing systems are based on is fundamental to creating effective and efficient end-user applications.

Prerequisite: CSC220 Min Grade: D-

Credits: 3.00

CSC311

Gaming Physics & Math

The objective of this course is to present applications of mathematics and physics in game and simulation programming. The course includes utilization of matrix and vector operations, along with Newtonian principles in games and simulations. Starting with an overview of the rendering pipeline in OpenGL, the student will study vectors, matrices, linear transformations, and geometry for 3D engines. The course will dovetail into a more complete understanding of linear algebra topics that will be covered in the CSC372 Computer Graphics course.

Prerequisite: CSC305

Credits: 3.00

CSC331

Structured Query Lan

In this course, students will be introduced to Structured Query Language (SQL). Pronounced “SEEQUAL”, SQL is a commonly used programming language for sorting, storing, and processing information in a relational database. A skillset with a high employment value, students will learn how to process large amount of data for a variety of applied purposes, such as: identification, database management, organizational auditing, various web applications, etc. CSC 130 or 141 is a prerequisite for this course, although students are strongly encouraged to have already taken both courses. Prerequisite: CSC141 Min Grade: D- Credits: 3.00

CSC332

Advanced Data Visualization

The primary purpose of data is to tell a story. This course will teach students how to tell a story about a data set through visualization and statistical analysis. The first half of this course will focus on summarizing and visualizing data, and the second half of the course will focus on statistical approaches, specifically linear modeling, including of non-normal data. A key part of the course will be a semester-long individual project enabling students to delve into a particular data set. Students taking the course under the BIO 200 designation will work with biological data sets; students taking the course under the CSC 332 designation will work with private sector data sets. All students will gain familiarity with the programming dialect R (via RStudio) and with project management using GitHub, but no prior experience with programming or statistics is necessary. Credits: 3.00

CSC372

Graphics

Development of computer graphics concepts, including point plotting techniques, transformations, hidden edges, and surfaces. Both two-dimensional and three-dimensional applications will be presented. Students will be expected to develop programs in a structure language and to use the OpenGL API. Credits: 3.00

CSC381

Adv Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level. Credits: 3.00

CSC383

Advanced Special Topics Advanced Special Topics

Credits: 3.00

CSC391

Advanced Topics in Computer Science

A different topic is presented each semester. Currently these topics include object-oriented methodologies, expert systems, artificial intelligence, advanced graphics concepts, and algorithm analysis. It is designed to provide the serious student with a challenging course in a topic that might not usually be developed at the elementary or intermediate levels. The instructor will provide a syllabus discussing the topics to be covered in the semester prior to the actual offering of the course.

Credits: 3.00

CSC481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.

Credits: 3.00

CSC491

Seminar

Assigned readings, seminars, projects, and lectures in areas of special interest. These areas include automata theory, computability, formal languages, compiler writing, image processing, and advanced UNIX concepts. Material in these courses should be current and topical. The seminars present a strong challenge to the computer science student.

May be repeated with new topic.

Credits: 3.00

Digital Media

DIG201

Digital Video I

This course introduces students to the basic concepts and technological knowledge that support the field of digital video production. Students will become savvy with regard to the script writing, storyboarding, producing, directing, shooting, editing and the aesthetics evolution that differentiate the analogue world from the digital. Students are taught appropriate history, aesthetic philosophy and key applications through class lecture and studio projects. They are expected to consider these concerns while formulating their work. In-class critiques and individual instruction will be used to refine student work.

Prerequisite: ART265

Credits: 3.00

DIG220

Asset Creation

Learn the art of creating, manipulating, and transforming 3D geometry, including modeling techniques for objects, environments, characters, and organic shapes.

Credits: 3.00

DIG230

3d Animation & Special Effects

This course provides instruction in the use of industry-standard digital animation, special effects and conceptualization applications. Students learn from the perspective of a digital media designer/producer/director the essentials of creating virtual environments, characters, and special effects. Emphasis is placed on the foundations of modeling and animation in the 3D virtual environment, preparing each designer to tackle more advanced modeling and animation methods. In conjunction with becoming familiar with the foundation of Maya, students will develop the critical skills necessary to accurately assess the impact that digital tools have on the ways in which visual messages communicate, influence and inform our culture and intellectual contemporary landscape.

Credits: 3.00

DIG250

Sound Design for Visual Media

This class will examine the creation and application of music and sound design as used in contemporary games, video, and other digital media. A focus will be placed on the relationship of audio to user experience and as a method of feedback in traditional and non-traditional gaming systems. The student will learn how to mix and synchronize soundtrack elements to video. Both the development process and consideration of final product will be explored.

Enrollment in DIG250 includes a \$60 course fee which covers the purchase of Avid's Pro Tools 130: Pro Tools for Game Audio eBook, as well as two attempts to complete the PT130 certification exam.

Credits: 3.00

DIG265

Digital Literacy

This introductory course offers a broad foundation in digital literacy as it relates to media, communication, and living in a digital culture. Students will critically engage with digital topics through a series of scholarly readings and news articles, reflective writing, and digital assignments using online and mobile technologies. Throughout the course, students will critically examine their experiences with media and digital culture and examine issues in the contemporary digital landscape.

Credits: 3.00

DIG280

Game History/Development

This course will explore the history of digital game design as well as the technologies, culture and social-sphere that surrounds it. The course will cover digital and electronic games and platforms, as well as the tools of development employed in their creation. An exploration of the relationship between these elements and their influence on contemporary design and culture will be central to the course.

Credits: 3.00

DIG281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: Varies

DIG282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

DIG283

Intermediate Special Topics Intermediate Special Topics

Credits: 3.00

DIG300

Digital Media Production

Digital Media Production provides an intensive hands-on investigation into a wide range of digital production tools with an emphasis on special effects for video. Skills are honed as students develop their creativity within the context of specific software applications, animation and motions graphics. Live action video is composited with animation and atmospheric particles. Among the applications covered are After Effects, Animator and Premiere Pro. Students are also asked to create new work for their portfolios with an emphasis on individual objectives and specific areas of interest. In addition to studio work, pertinent readings in digital media, visual effects and historic precedent are examined through papers and classroom discussion. Readings and essays also provide a theoretical framework for effective communication in individualized projects.

Prerequisite: ART265

Credits: 3.00

DIG301

Digital Video II

Digital Video II is an opportunity for serious video students to hone their skills as an editor, director and cinematographer through the development of ambitious projects. Sound and cinematography are integrated into the concepts inherent in their productions. The screen functions as an immersive, temporal canvas where students in Digital Video II develop their green screening techniques and integrate special effects software into their productions. The primary software in Digital Video II includes the advanced application of Final Cut Pro with After Effects Motion. Students are expected to write, storyboard, edit and shoot their productions. Outcomes of the course consist of work to be included in student portfolios for graduate school and potential employment, as well as the ability to critically think about their work in relationship to their own objectives as an artist and filmmaker in digital age.

Credits: 3.00

DIG310

Introduction to Game Design

This course will explore the practice and theory surrounding interactive game development. The class will focus on the principles, the social and cultural context of games, and the application of these concepts. Particular attention will be placed on individual creativity, the collaborative design process, and an understanding of the meaning of "gaming" and "play" in contemporary culture. Credits: 3.00

DIG311

Experience Design & Narrative

This class will introduce students to new ways of thinking about interactivity, narrative, "world building" and their own creative processes. Influences from cinema, art, fiction and culture will be examined for the light they shed on the basics of storytelling. Students will present their work and critique the work of others.

Prerequisites: DIG280, DIG310

Credits: 4.00

DIG315

Web Design

Web Design builds upon ideas and skills developed in ART 265 as students learn to construct World Wide Web-based interactive media. Students will learn the essentials of HTML coding, including hyperlinks, frames, tables, GIF animation, and such basic JAVA applications as rollovers. Students will be given hand-on instruction with HTML editing using GoLive and Flash. In this way, the course approaches the topic of website development from both a "code- based" and "design-based" perspective. Students will consider web-design from both an aesthetic as well as a functional perspective as they explore the visual and textual architectures unique to the online experience. Prereq: (ART265 Lecture Min Credits: 3.00 Or ART265 Transfer Min Grade: TR Min Credits: 3.00)

Credits: 3.00

DIG320

Simulation Design

The Simulation Design Class will explore how programmers and designers can manage the simulation of small and large-scale systems and environments in both games and applied- simulation fields. A focus will be placed on the frameworks used in these simulations, including design of rule-systems, asset management, and managing out-of-simulation input. Prerequisite: DIG 280, DIG 310

Prereq: (DIG280 Lecture Min Credits: 3.00 And DIG310 Lecture Min Credits: 3.00)

Credits: 3.00

DIG325

Visual Design for the Web

This course explores the web from a visual design and effective communications perspective. Students will engage the history and aesthetics of web design, and apply design principles to the creation and maintenance of their own website within a commercial content management system. Students will explore aspects of digital design particular to web and online use through lecture and discussion, in-class engagements, and applied projects. The course may additionally consider and incorporate the uses of web, social media, and other digital online tools as modes of visual communication, promotion, and expression. Prerequisite: ART 265 or DIG 265 or permission of instructor
Prereq: (ART265 Lecture Min Credits: 3.00 Or ART265 Transfer Min Grade: TR Min Credits: 3.00) Or DIG265 Lecture Min Credits: 3.00 Or DIG265 Transfer Min Grade: TR Min Credits: 3.00

DIG330

3D Animation II

This studio course is a combination of hands-on exercises and in-class research designed for ambitious animators already familiar with working in the three-dimensional realm in AliasWavefront Maya and/or other 3D applications. This course introduces new methods of creating and manipulating both polygonal and nurb shapes developed by 3D artists who have researched for years to find the best methods of achieving effects and models. Students will also learn the native language of Maya, MEL, by hands-on use for specific special effects. By exploring such methods, students are able to choose and acquire their own techniques, and gain control of the 3D world at the professional level.

Prerequisite: DIG 230

Credits: 3.00

DIG370

Package, Publication, and Promo. Design

Through an increased emphasis on design layouts incorporating text, and a focus on the history and application of typography, this course builds upon the student's previous

explorations of illustration and design as creative expression and visual communication. Students will work toward improving design thinking and application through completion of multiple design projects, small group critiques, and immersive reading, discussion, and reflection. Projects include package design, publication design, and information or promotional design. As an advanced-level design course, students will be expected to work more quickly and gain skills more independently than in previous design courses. Students will need to spend additional time outside of class/lab sessions in order to complete projects at the level expected for this course. Students will utilize Adobe CC for completion of projects.

Prereq: DIG270 Lecture Min Credits: 3.00 Or DIG270 Transfer Min Credits: 3.00 Credits: 3.00

DIG380

Visual Programming

This course targets an audience of individuals within the context of the visual arts who are interested in creating interactive and visual work through writing software but who have little or no prior programming experience. Many people think programming is only for people who are good at math and other technical disciplines. In this course, we will be extending the programming space to engage people who think differently, people with visual and spatial minds. The language used is called Processing. This language makes it possible to introduce software concepts in the context of the arts and also to open arts concepts to a more technical group.

FOUNDATIONS-QUANTITATIVE REASONING

Prereq: (ART265 Lecture Min Credits: 3.00 Or ART265 Transfer Min Grade: TR Min Credits: 3.00) Credits: 3.00

DIG381

Adv Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level. Credits: 3.00

DIG382

Inter Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work. Credits: 3.00

DIG383

Advanced Special Topics

Advanced Special Topics Credits: 3.00

DIG391

Special Topics

Special Topics in Digital Media Credits: 3.00

DIG420

Senior Seminar

The Senior Seminar in Digital Media is a capstone class for seniors who are ready to focus their skills on their specific areas of interest. Project areas might include interactive art installation and immersive environments, simple robotics, kinetic sculpture, sonic environments and algorithmic music, asynchronous learning environments, e-commerce, web-based communities, computer applications in fashion design and merchandising, social research, video production, and many more. Credits: 3.00

DIG470

Game Production

This course is designed to give participants an understanding of the digital game production process, from a product's inception to its public release. While learning the methods, tools, and techniques used by game development teams, the class will create a real-world product, test it, market it, and release it to the public. Aspects of design, aesthetic, interface, monetization, and social and cultural context will all be considered. Prerequisite: ART265 Prereq: ART265 Lecture Min Credits: 3.00 Credits: 3.00

DIG481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level. Credits: 3.00

DIG483

Advanced Special Topics Advanced Special Topics Credits:1.00

Economics

ECO101

Principles of Microeconomics

An introduction to the basic understanding of microeconomic principles necessary to analyze economic phenomena and decision-making. Major topics include fundamental microeconomic principles, price theory including supply and demand and marginal analysis, factors of production, cost of production, industry structure, and the role of government.

FOUNDATIONS-SOCIAL SCIENCE

Credits: 0.75

ECO102

Principles of Macroeconomics

An introduction to the methodology of the macroeconomy, looking closely at GDP growth, unemployment, inflation, and business cycles. The primary objectives examine leading models used by economists to represent the economy and employ them to examine monetary and fiscal policy, as well the international financial system and exchange rate fluctuations.

FOUNDATIONS-SOCIAL SCIENCE

Credits: 0.75

ECO105

Principles of Economics

An introduction to the methodology of economics and basic principles of microeconomics and macroeconomics. The primary objective of this course is to provide a foundation for further study in economics. It also serves as an introduction to basic economics as a social science.

FOUNDATIONS-SOCIAL SCIENCE

Credits: 3.00

ECO184

Economics/Social Science Special Topics or Transfer Course

Credits: 3.00

ECO207

Statistical Analysis for Economics & Bus

Introduction to the concepts, theories, and methods of statistical problem-solving in business and economics. Topics covered include frequency distributions, descriptive statistics, elementary probability and sampling theory, probability distributions, elementary hypothesis testing, analysis of variance, correlation, and regression.

Prerequisite: ECO101 & 102 or ECO105

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00

ECO233 Comparative Economics

An important aspect of the trend toward the globalization of markets is that economic

decisions and their outcomes are becoming increasingly intertwined and interdependent. This growing interdependence requires knowledge of the rules and institutional mechanisms by and with which other economies operate. Such knowledge has become a crucial economic resource, the use of which economic policymakers, industrial leaders, and individual firm managers can no longer do without. This course examines the various approaches and methods used to solve economic problems in a number of societies, both past and current, with a special emphasis on today's key European and Asian economies. It analyzes the principles and institutions by which these economies have sought to improve their objectives of better resource allocation, technological progress, income distribution, and growth.

CONNECTIONS-GLOBAL

Prerequisite: **ECO101 & 102** Or ECO105

Credits: 3.00

ECO234

Economic Development

This course deals with economic development problems in the third world among the less- developed countries. Topics will include characteristics of underdevelopment, theories of development, poverty and population pressures, international trade, third world debt, and foreign aid.

Credits: 3.00

ECO283

Intermediate Special Topics Intermediate Special Topics

Credits: 3.00

ECO301

International Economics & Finance

A study of international economics and finance. Topics covered include a survey of the major theories of international trade, foreign exchange systems and markets, international money and capital markets, and international banking. Special attention will be paid to these topics as the framework within which the financial managers of multinational corporations operate.

Prerequisite: ECO101 and 102 Or ECO105

Credits: 3.00

ECO307

Econometrics

A study of the applications of mathematical and statistical techniques to the analysis of economic data, with special emphasis on economic and business forecasting. Topics covered include simple regression, multiple regression, simultaneous equations models, models of expectations, model selection criteria, and time series analysis.

Prerequisite: ECO101 and 102 Or ECO105 And ECO207

Credits: 3.00

ECO313

Money & Banking

Study of depository banking institutions, financial markets, and the Federal Reserve System. The supply of and demand for liquidity is examined in both microeconomic and macroeconomic aspects. Alternative rules for the conduct of monetary policy are evaluated.

Prerequisite: ECO101 and 102 Or ECO105

Credits: 3.00

ECO322

Labor Economics

A study of the labor process, labor markets, and labor relations in a global economy. An examination of labor problems from the viewpoint of the employee, the employer, and the public, with special emphasis on rapidly changing labor market configurations for the 21st century.

Prerequisite: ECO101 and 102 Or ECO105

Credits: 3.00

ECO324

Environmental Economics

The application of economic principles to a variety of environmental problems. Attention is given to the economics of resource depletion and conservation, pollution and environmental policy in the United States, and the relationship between humanity and the environment

Credits: 3.00

ECO335

Intermediate Microeconomic Analysis

A study of the principles of demand, production, and pricing of commodities, productive series, and productive resources in various industries and market situations.

Prerequisite: ECO101 and 102 Or ECO105 (May be taken concurrently) And ECO207

Credits: 3.00

ECO336

Intermediate Macroeconomic Analysis change to Prerequisites of ECO101 & 102

An examination of the modern history of determination of the level and rate of growth of income, employment, output, and general price level. Alternative fiscal and monetary policies to facilitate full employment and stable economic growth.

Prerequisite: ECO101 and 102 Or ECO105

Credits: 3.00

ECO337

Public Finance

A study of the economic basis of government activities and the consequences of alternative government expenditures, regulations, and finance. The emphasis will be on the microeconomic functions of government and the way it affects the allocation of existing resources and distribution of income.

Credits: 3.00

ECO364

Industrial Organization

This course focuses upon the structure, conduct, and performance of industries and markets. Emphasis on evaluating public policy towards business and business practices and the relationship between the structure of markets and the socioeconomic performance of business enterprises. Lectures, group projects, and case analysis are utilized.

Prerequisite: ECO101 and 102 Or ECO105

Credits: 3.00

ECO373

Urban Economics and Policy

Cities are now home to more than half of the people on earth—and this proportion is increasing rapidly. Cities are both beacons of opportunity and advancement for much of the world's population, and the drivers of unsustainable lifestyles and practices that are depleting resources and degrading natural systems. This course will equip students with tools and insights to understand the current issues that a modern city faces and make decisions to their advantage. In doing so, the course is organized around three major areas. First, we focus on the development of urban areas; what explains the explosive growth of cities and the rate of urbanization over the last 100 years? How do governments encourage or discourage urbanization? Why do local governments adopt some economic policies and neglect others? Does competition between city governments make everyone better off, or lead to a race to the bottom? Second, we focus on the economics and spatial dimensions of urban problems like crime, poverty, education and pollution. Finally, we conclude with an understanding of the concept and practice of sustainable development. We examine how we can create healthy, safe, resilient and inclusive communities without compromising the ecosystems upon which all life depends.

Credits: 3.00

ECO383

Advanced Special Topics Advanced Special Topics

Credits: 3.00

ECO492

Senior Seminar in Economics

An intensive research course resulting in the submission of a senior thesis. Advanced topics in economic theory and policy will be considered throughout the semester.

Credits: 3.00

Education, Undergraduate and Graduate Programs

EDU200

Intro Early Child Ed & Appl Dev

This course will provide an overview of the basic principles in development from prenatal to adolescent. The student will review trends in contemporary research on physical, intellectual, emotional, and social development from birth to adolescence and the impact of the interaction of these various aspects of development upon the individual as a whole. Major issues examined in this course include the relation of nature to nurture, of genes to environment, of the developing individual to the changing social context, and of mental health to school performance and learning theories. The course will begin with the history of developmental psychology. The student will be expected to discuss the contexts in which children live, with a particular focus on family, peers, and the larger cultural context. The course will end with an examination of physical, cognitive, and socio-emotional development, with consideration of the cultural context, and focusing particularly within the family unit.

GENERAL STUDIES FOUNDATIONS-SOCIAL SCIENCE

Credits: 3.00

EDU202

Secondary Theory & Organization

This course is designed to prepare students to teach in a Middle Level and/or Secondary Level environment. The course will be built around two philosophies: 1) a Middle Level structure for grades 4 through 8 and 2) a High School Level/ Secondary structure for grades 7-12. A strong focus of the course will be on the transition of elementary students into the Middle Level environment and the subsequent transition of Middle Level students into the High School/ Secondary Level environment. The types of teams and departmental organizations found in the school settings will be discussed. The role of adolescent development will be studied as it impacts student performance in both settings. An initial study of learning theory will be presented to lay a foundation for the study of instructional methodology in both levels of schooling. GENERAL STUDIES FOUNDATIONS-SOCIAL SCIENCE

Credits: 3.00

EDU 210

English Language Learning Strategies

This course introduces all education certification pre-candidates to instruction and assessment strategies for teaching English language learners, laying pedagogical foundations for teaching a diverse population. Within this broader context, historical, legal and policy issues will be examined to assess their impact on school practices and

student performance. Education students will examine and understand key concepts of first and second language acquisition, language proficiency, and comprehensible input, research-based instructional strategies for academic development and assessment, and parental involvement. This course requires 5 hours of classroom observation in an ELL classroom. This course is required for education certification candidates. Candidates must have current clearances.

Credits: 3.00

EDU240

Instructional Technology

This class is designed to make you think about what technology in the classroom means now and in the future. How will you use it to teach? How will it improve your productivity? And how will you allow your students to use technology throughout the day? What are your students bringing to the table? How will you manage the many devices that appear in the classroom each day. Candidates must have current clearances.

Prerequisite: EDU 200 Introduction to Education

Credits: 3.00

EDU250

Child & Adolescent Lit for Educ K-12

In this course, we will study authors, readers, illustrators and their illustrations, scholars and theories, awards, and reviewing media of Children's and Adolescent's literature. By the conclusion of our study, you will be able to demonstrate an understanding of the history, traditions, and chief characteristics of literature written for and read by children and adolescents, the leading authors, illustrators, and scholars of the genre. You will know the primary facts and points of view for a variety of issues in children's and adolescent's literature including genre distinctions, academic status, gender politics and censorship. Throughout the course you will engage in critical thinking, analytical reading, discussion supported by research and textual evidence, and writing about children's and adolescent literature. You will be knowledgeable regarding a wide variety of resources for the study and analysis of children's and adolescents and be proficient at using these resources for writing a thesis driven research essay as well as classroom activities.

Credits: 3.00

EDU281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

EDU325

Early Literacy/Language Development

This course focuses on early language and literacy development during the age span of birth through kindergarten. An emphasis will be placed on the development of theoretical conceptualizations, research-based methods of instruction, tools to assess student learning, and strategies to design developmentally appropriate instruction. Candidates will develop competency in implementing adult-child interactions and creating learning environments that support early language and literacy development. This course is a field-intensive methods course, requiring substantial classroom time at the Albright Early Learning Center AELC, at local preschools, and Head Start. This course requires 5 hours of classroom observation. This course is required for education certification candidates. Candidates must have current clearances. Credits: 3.00

EDU337

Teaching Art in Elementary School

This course engages art education candidates in developing an understanding of the philosophy and principles of art education in the elementary school curriculum. Students will study classroom problems and procedures in various teaching situations. Emphasis is placed upon application, observation, and evaluation of teaching at the elementary level. This course is a pre-student teaching experience in which each student prepares lessons for N-7 instruction. Activities include field trips, observations and classroom presentations.

Credits: 3.00

EDU338

Teaching Art in Secondary School

This course engages art education candidates in the investigation of the concepts and values of art theory and practice as related to the secondary curriculum. Students study classroom problems and procedures in various teaching situations. Emphasis is placed upon application, observation and evaluation of teaching as related to the adolescent in the secondary school. This course is a pre-student teaching experience in which each student prepares lessons for secondary art instruction. Activities include field trips, observations and classroom presentations.

Credits: 3.00

EDU 202. Candidates will complete a minimum of ten hours of levels one and two field work. Clearances are required.

Credits: 3.00

EDU346

Secondary Methods

This course is required for students seeking Pennsylvania certification to teach biology, chemistry, physics, English, mathematics, and social studies at the secondary level. This course is divided into two segments. Segment 1 is classroom activities to discuss methods of instruction, using various models of effective instruction and the Danielson Framework for Teaching to guide the process. Segment 2 is based on student observations in a

classroom taught by highly qualified teachers (as defined by the Pennsylvania Department of Education) in specific-content areas. These classroom teachers will conduct professional seminars during this segment.

Credits: 3.00

EDU383

Advanced Special Topics Advanced Special Topics

Credits: 3.00

EDU407

Student Teaching-Secondary

Supervised practicum in teaching at the secondary level, this experience provides opportunities for gradual assumption of full instructional responsibility during two placements. Daily, full-day for one semester, student teaching is under the guidance of classroom cooperating teachers and a college supervisor. Candidates complete a minimum of 12 weeks of level four field work.

These courses are limited to students who have been admitted into the Professional Semester of Student Teaching.

Credits: 5.00

EDU408

Student Teaching-Secondary

Supervised practicum in teaching at the secondary level, this experience provides opportunities for gradual assumption of full instructional responsibility during two placements. Daily, full-day for one semester, student teaching is under the guidance of classroom cooperating teachers and a college supervisor. Candidates complete a minimum of 12 weeks of level four field work.

These courses are limited to students who have been admitted into the Professional Semester of Student Teaching.

Credits: 5.00

EDU409

Student Teaching-PreK-4

Supervised practicum in teaching at the early childhood and elementary levels. Joint supervision by school system and College personnel. Daily, full-day for one semester. Open only to students who complete all necessary prerequisites. (Consult Education Department.)

Credits: 5.00

EDU410

Student Teaching-ECE

Supervised practicum in teaching at the early childhood and elementary levels. Joint supervision by school system and College personnel. Daily, full day for one semester. Open only to students who complete all necessary prerequisites. (Consult education

department.)
Credits: 5.00

EDU411

Student Teaching-Art Education

Supervised teaching practicum in art education, this experience provides opportunities for observation of and full participation in the teaching process. Daily, full-day for one semester, student teaching is under the guidance of classroom cooperating teachers and a college supervisor.

Credits: 5.00

EDU412

Student Teaching-Art Education

Supervised teaching practicum in art education, this experience provides opportunities for observation of and full participation in the teaching process. Daily, full-day for one semester, student teaching is under the guidance of classroom cooperating teachers and a college supervisor.

Credits: 5.00

EDU510

Educational Research Designs

This course is the study of the methods used to design and conduct valid and reliable educational research projects. The course allows the participants to understand the process of conceptualizing and conducting educational research, to become more informed consumers of educational research literature, and to critique and use published reports of research. It also fosters action research in the classroom or educational interest environments.

Credits: 3.00

EDU520

Curriculum Development

Students will engage in theory, research, and processes associated with the development, implementation, and revision of school curriculum, K-12. They will discuss state curriculum regulations and read the research related to effective development and review of curriculum. Students will examine actual school districts' curriculum development and review processes and will be involved in the completion of meaningful projects that can be applied to classroom/school. A portion of the course will be devoted to an overview of a variety of assessment techniques used to measure student performance.

Credits: 3.00

EDU525

Current Issues/Historical Perspectives

This course is predicated upon but designed to function at a more advanced level than a course in Foundations of American Education. It presupposes a basic understanding of

social and historical perspectives on education. Its focus is the historical development of issues in American education that are of current interest and importance. The following topics will be emphasized: special education, diverse populations, gender equity, the role of the teacher, the evolution of the common school, school finance, liberal education, school reform and legal issues.

Credits: 3.00

EDU547

ELL Strategies for Adolescents

This course introduces middle level and secondary education certification candidates to instruction and assessment strategies for teaching English language learners, laying pedagogical foundations for teaching a diverse population. Within this broader context, historical, legal and policy issues will be examined to assess their impact on school practices and student performance. Candidates will examine and understand key concepts of first and second language acquisition, language proficiency, and comprehensible input, research-based instructional strategies for academic development and assessment, and parental involvement. When enrolled in this class, candidates will be co-teaching with a classroom teacher in an inclusive setting in their practicum semester. With this course, teacher candidates will be more knowledgeable and better prepared to teach in our ever-growing diverse society.

Credits: 3.00

EDU610

Educational Technology

This course is a traditional lecture-style class but Blackboard will be used to supplement the learning. The course will prepare students to use technology in the K-12 environment and reflect how technology impacts teachers, the students in the classroom, and the classroom as a whole. The objectives for the course were developed in accordance with the Pennsylvania Academic Standards for Science and Technology, and will include evaluation of technology in various learning environments; creation of a resource database and professional e-portfolio; discussion of standards, systems, software, implication of technology in education; and construction of a webquest

Credits: 3.00

EDU612

School Law

This course focuses on an analysis of legal issues affecting public schools. It provides professional school employees with a working knowledge of the legal structure of public education. The course content acquaints educators with information on the current state of legal issues ranging from student discipline to financing public schools. An overview of the basic principles of the American legal system will be discussed. The course will focus on laws, administrative regulations, court decisions, and arbitration cases as they impact the daily operation of the public schools and the decision-making within a public area.

Credits: 3.00

EDU616

Philosophy of Education

This course presupposes at least an acquaintance with major philosophers. The purposes of this graduate course are to develop a further understanding of those philosophies and philosophers; examine critically the underlying philosophical principles of education; seek out the relation between educational philosophy and curriculum theory; apply principles to current themes and issues in education (e.g. freedom vs. authority, the politics of gender, cultural diversity, traditionalism vs. dissent); and formulate and examine one's own philosophy of education.

Philosophies to be investigated include rationalism, empiricism, idealism, romanticism, perennialism, essentialism, pragmatism, behaviorism humanism, existentialism, progressivism and constructivism. Credits: 3.00

EDU617

Secondary Methods

An introduction to methods of instruction and assessment for the secondary (7-12) classroom. Teacher certification candidates will develop techniques for managing a positive, high engagement classroom. Candidates will build a familiarity with PA standards for their content subject as a foundation for lesson and unit planning. Candidates will teach demonstration lessons to their peers. Field observations are a required element of this course.

Credits: 3.00

EDU622

Math/Science Methods

EDU 622 is designed to provide participants with the current theory, research, and processes associated with science, technology, engineering, and mathematics instruction and assessment for young children (PK-4). Participants will build familiarity with the PA Early Learning Standards for Mathematical Thinking and the PA Standards for Mathematics; Science & Technology; and Environment and Ecology. Teacher candidates will develop their lesson planning skills and an understanding of how to construct lesson plans using Bloom's Taxonomy as a guide to engage diverse learners in varied levels of mathematical and scientific thinking. Credits: 3.00

EDU623

Emergent Literacy

This course focuses on emergent and early language and literacy development during the age span of birth through grade one. An emphasis will be placed on the development of theoretical conceptualizations, research-based methods of instruction, tools to assess student learning, and strategies to design developmentally appropriate instruction. Candidates will develop competency in implementing adult-child interactions and creating learning environments that support emergent language and literacy development. Candidates will develop competency in planning methods of reading and writing

instruction appropriate for the learn-to-read and write processes. This course is a field-intensive methods course, requiring levels one (observations) and three (co-planning and co-teaching) field experiences.

Credits: 3.00

EDU626

Social Studies/Arts/Humanities

The underlying assumptions of the social studies methods course are embedded in constructivist philosophy. In this approach, students are thought to learn best when they are involved directly in authentic experiences. The experiences are planned and mediated by the teacher such that students gain in-depth understandings of their own lives within a diverse society and of today's world. Teachers must plan carefully and thoroughly for such activities to take place successfully. They must take into account student characteristics and prior experiences in order to create meaningful experiences. Most likely, in this problem-centered approach, students become engaged from multiple perspectives, thus instruction and learning are "integrated." This is where the Arts (ex. Art, Music, Theater) and the Humanities (ex. Literature, Foreign Languages) enter the picture, supported by the Mathematics and the Sciences. Social Studies units will be built on this Interdisciplinary approach using Children's Literature as the source of the topic with all of the other subject areas working together to provide the opportunities to learn at the student's own level. Students will become engaged in their work by integrating Art and Music under the guidance of the skilled classroom teacher. During the actual instructional event, teachers may spend much of their time as coaches and facilitators (rather than center stage disseminators of knowledge). Anticipated outcomes for the learners are in-depth conceptual knowledge, critical thinking processes, social skill development and positive self-esteem. Credits: 3.00

EDU627

Developing and Sustaining Literacy Development (name change)

Needs course description

Credits: 3.00

EDU637

Teaching Art in Elementary School

This course engages art education candidates in developing an understanding of the philosophy and principles of art education in the elementary school curriculum. Students will study classroom problems and procedures in various teaching situations. Emphasis is placed upon application, observation, and evaluation of teaching at the elementary level. This course is a pre- student teaching experience in which each student prepares lessons for N-7 instruction.

Activities include field trips, observations and classroom presentations.

Credits: 5.00

EDU638

Teaching Art in Secondary School

This course engages art education candidates in the investigation of the concepts and values of art theory and practice as related to the secondary curriculum. Students study classroom problems and procedures in various teaching situations. Emphasis is placed upon application, observation and evaluation of teaching as related to the adolescent in the secondary school. This course is a pre-student teaching experience in which each student prepares lessons for secondary art instruction. Activities include field trips, observations and classroom presentations.

Credits: 5.00

EDU646

Secondary Methods II

Segment 1-The first five weeks of the course include weekly evening seminars of 3 hours each. This segment covers instruction in the teaching of reading and writing across the curriculum and in the use of effective classroom management techniques. Segment II-Beginning with the sixth week and continuing for the remainder of the semester, students will be assigned to a teacher in a local secondary school who will supervise them as they complete the following requirements - spend 15 hours of observation time in the classroom, create and teach 5 lessons under the supervision of the classroom teacher, and attend 5 two-hour seminars taught by the classroom teacher and focused specifically on their individual content areas. The seminars will be scheduled by the individual classroom teachers.

Credits: 3.00

EDU700

Masters Research Project

Students should enroll for this course in the semester in which they expect to complete the graduate research project and apply for graduation. The graduate dean will appoint a first reader for the research project who will meet with the student on a regular weekly basis. The project will culminate in the presentation of the project to the Graduate Research Committee. Prerequisite: EDU 510

Credits: 3.00

EDU701

Masters Seminar Credits: 3.00

EDU702

Student Teaching

An academic as well as an experiential class in which the student is responsible for completing a full-time teaching experience in the school system. Supervised experience in an elementary, middle, or senior high school is required for teacher certification. The total number of credits or the length of time will be determined by the student and his or her advisor in order to meet certification guidelines. This represents an integration of

learned subject matter and the real world. A reflective/experience-based paper is required.

Credits: 5.00

EDU704

Student Teaching

An academic as well as an experiential class in which the student is responsible for completing a full-time teaching experience in the school system. Supervised experience in an elementary, middle, or senior high school is required for teacher certification. The total number of credits or the length of time will be determined by the student and his or her advisor in order to meet certification guidelines. This represents an integration of learned subject matter and the real world. A reflective/experience-based paper is required.

Credits: 5.00

EDU707

Secondary Professional Semester

A study of secondary management, instruction and assessment strategies with the intent of securing objective feedback on practicum teaching. Student teachers and college faculty will collaborate to analyze curriculum impact, teaching methods, and teacher/student interaction. Teacher certification candidates prepare for the professional interview, compiling a portfolio and resume. This course will be completed during the professional semester. Prerequisite: Admission into the Professional Semester for Secondary Education Programs

Credits: 3.00

English

ENG101

Composition

A study of the fundamentals of effective written expression, with emphasis on grammar, syntax, and usage, and on the development of thesis-directed essays that make use of evidence and argumentation to validate their theses. Coupled with attention to the fundamentals of research, including quoting, paraphrasing, and summarizing effectively and accurately and citing sources correctly, using any of a number of forms for citations and works cited.

Required of all first-year students with the exception of students who exhibit superior facility in written expression.

Credits: 3.00

ENG102

Writing with Texts

Continued attention to grammar, syntax, usage, and formal research methods is coupled with study of thesis-directed writing that incorporates the work of other writers for the development of the students' own writing. Required of all students.

Prerequisite: ENG101 or ENG102 Honors Placement

Credits: 3.00

ENG125

Creative Writing

A course designed to offer practical skills in various kinds of imaginative writing. A given course will address one of the following four genres: nonfictional imaginative prose; long fiction; the short story; or survey of poetry, short fiction, and prose.

FOUNDATIONS-FINE ARTS

Credits: 3.00

ENG135

Literature Topics Major Authors and Topics

These courses provide students with a foundational introduction to the language and methodology required for the close reading of texts. Students become familiar with the fundamental analytical tools for performing such readings and apply those tools regularly to the readings in the course using them to write about the texts they have read. Different sections of ENG 135 focus on different texts, but in all cases, students will exercise their interpretational and analytic skills. May be repeated with a new topic.

GENERAL STUDIES FOUNDATIONS- HUMANITIES

Credits: 3.00

ENG183

Introductory Special Topics

Introductory Special Topics. Credits: 3.00

ENG201

British Text to 1780

A survey of major British texts, writers, and literary trends from the Anglo-Saxon period to 1780. This course also is designed to provide intermediate students of literature with a wide variety of critical skills and approaches. While it is intended for English concentrators, other serious students of literature may enroll in the course with the permission of the instructor. Prerequisite: ENG 102, ENG101

Credits: 3.00

ENG202

British Texts From 1780

This course surveys British literature from 1780 to the contemporary era through the lens of the major literary movements of the period, emphasizing aesthetic trends and innovations, their connection to historical and cultural developments, and their understanding of the significance and purpose of literature. From Romanticism's emphasis on individuality and nature apart from social structures, we turn to Realism and its focus on depicting and intervening in contemporary issues in great detail. In contrast, the Modernist movement broke from traditional conventions of representation to find new language and new forms to reflect new understandings of the human psyche. Finally, we will turn to the complex period following World War II, which has been described by many different and sometimes contradictory "posts"—Post-45, Post-Modernist, Post-Colonial (which will be our focus), and the amorphous term "contemporary." By the end of the course, we will ask ourselves: what does literature do in the twenty-first century?

Prerequisite: ENG 102

Credits: 3.00

ENG204

General Survey of American Literature

As a survey of American Literature and culture, this course introduces students to some of the major themes and writers in American history via discussion of a variety of works produced by American authors. Some writers will receive some depth of treatment, but we will treat most authors briefly in order to focus on the author's place in the development of American cultural expectations. As a consequence, questions of canonicity and of the mutual shaping of canon and cultural expectations will be recurring themes of the course.

Prerequisite: ENG 102 or ENG101

Credits: 3.00

ENG210

African-American Literature

A survey course divided into rubrics of period, activity, and/or genre designed to acquaint the student with the formal links and traditions within African-American Literature, including drama; black women writers; literature survey; and nonfictional prose.

CONNECTIONS-HUMANITIES

Prerequisite: ENG 102 or ENG101

Credits: 3.00

ENG225

Creative Writing

A course designed to offer practical skills in various kinds of imaginative writing. A given course will address one of the following four genres: nonfictional imaginative prose; long fiction; the short story; or survey of poetry, short fiction, and prose.

DOES NOT COUNT AS GENERAL STUDIES HUMANITIES-LITERATURE COURSE

Prerequisite: ENG 102 or ENG101

Credits: 3.00

ENG233

Children's Literature

The purpose of Children's Literature is to introduce students to the writing intended for an audience ranging from pre-readers to early adolescents. This course will review various genres and the history of such literature. Students will enhance their skills to understand, analyze, appreciate, and critique children's literature. There will be an equal emphasis on current best practices and strategies for the teaching of children's literature

Prerequisite: ENG102 or ENG101

Credits: 3.00

ENG234

Adolescent Literature

This course is designed to be an exploration of the issues and themes prevalent in teen/young adult literature. The primary purposes of the course are: (1) to provide an opportunity to study and reflect on the rationale, goals, and objectives for using teen/young adult literature in the school environment, (2) to read and critique representative examples of teen/young adult fiction and non-fiction, (3) to engage in student directed discussions concerning the topics presented in the texts, (4) to use teen/young adult literature as a means to explore the psychological and sociological aspects of school and adolescent culture in America, and (5) to show proficiency in the skills described by the Pennsylvania standards for reading and responding to literature.

Prerequisite: ENG101

102 GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

ENG235

Literature Topics: Major Authors & Topics

The premise of all sections of this course is that writers make connections between their traditions and ways of thought in order to define the value systems that produce their particular culture and identity. Each section of the course provides students with the opportunity to focus on and to understand a distinct group defined by geography, by historical period, or by class, ethnicity, gender or nationality.

GENERAL STUDIES CONNECTIONS HUMANITIES

Prerequisite: ENG101

Credits: 3.00

ENG236

Literature Topics: Major Authors/Topics

The premise of all sections of this course is that writers make connections between their traditions and ways of thought in order to define the value systems that produce their particular culture and identity. Each section of the course provides students with the opportunity to focus on and to understand a distinct group defined by geography, by

historical period, or by class, ethnicity, gender or nationality.

GENERAL STUDIES CONNECTIONS HUMANITIES-GLOBAL

Prerequisite: ENG102 or ENG101

Credits: 3.00

ENG241

Writing for Professional Success

This course offers students an opportunity to explore and gain practice with the genres of written communication that they will encounter in their professional lives. We will begin the course by analyzing and crafting resumes, cover letters, and related application materials for jobs, internships, and/or graduate school. Other course topics will be tailored to student interests and professional goals and may include grant writing, writing for social media, digital portfolios, and business proposals. Additionally, students will spend one hour each week working directly with local non-profit organizations on writing projects that meet the organizations' needs for the fourth hour of quality for the course. Students can expect to receive frequent feedback on their writing and to leave the course with polished written materials that will help to launch their professional success after college.

Prerequisite: ENG101

Credits: 3.00

ENG270

Classical Heritage

A study of selected ancient Greek and Roman epic, dramatic, lyric, and theoretical works that have influenced later World literature and thought especially literature in English. All works will be read in translation, and there will be special emphasis on the relationship of these works to contemporary critical issues. Writers studied vary from year to year but will always include most of the following: Homer, Sappho of Lesbos, Aeschylus, Sophocles, Euripides, Aristophanes, Plato, Aristotle, Plautus, Catullus, Virgil, Ovid, Horace, and Juvenal.

Prerequisite: ENG101

Credits: 3.00

ENG281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Prerequisite: ENG101

Credits: 3.00

ENG282

Intro Internship#

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Prerequisite: ENG101

Credits: 3.00

ENG283

Intermediate Special Topics

Prerequisite: ENG101

Credits: 3.00

ENG301

Hist Study Lang

This course opens with a rapid survey of the historical development of the English language from Indo-European roots through dialects of Middle English to modern times. American English and its dialects are studied next. Then a generalized view of language is presented in terms of gesture, paralanguage, symbolic logic, linguistics, Grimm and Vernier, with special emphasis on semantics. The course concludes with studies in contemporary modes, communication arts, media, retrieval, technical computer, and AI languages.

This course is not a General Studies Humanities Literature.

Credits: 3.00

ENG350

Beowulf's World: Old English Lit & Lang

Beowulf, the earliest English epic, not only begins the English literary canon, but also summarizes many of the canon's chief concerns. This deceptively simple poem offered a literary response to the vexing questions of its era: violence, religion, gender, political power. In short, Beowulf interrogated human beings' role in this world. Beowulf was far from being the Anglo-Saxons' only answer to these still-current questions. Poems such as The Wife's Lament offered a feminist critique of a militarized ideology that viewed glory as the ultimate life-goal, while religious poems such as The Dream of the Rood praised pacifism at the same time that Christian kings fought, and fell, in desperate battles with pagan Viking invaders. This course will thoroughly introduce students to the literary masterpieces of Anglo-Saxon England, from AD 600-1100, but will also examine the political and societal forces that created those masterpieces. By the end of the course, students will have a solid working knowledge of Old English.

Prerequisite: ENG102

Credits: 3.00

ENG351

Topics in Middle English Literature

This course is an upper-level seminar-style approach to Middle-English literature within

its historical and European literary contexts.

Credits: 3.00

ENG352 Chaucer

A careful reading of Chaucer's major works from the House of Fame to the Canterbury Tales. Basic instruction in Middle English pronunciation, vocabulary, and grammar are given so that the student may read Chaucer in his own language. All of the texts are studied with reference to historical and cultural backgrounds.

Prerequisite: ENG102

Credits: 3.00

ENG354

Shakespeare

The major Shakespearean plays. Primary emphasis is on a close reading of the plays, but the Elizabethan background and modern Shakespearean criticism are also studied.

Credits: 3.00

ENG366

Romanticism

The course begins with the study of the more important 18th century forerunners of Romanticism and continues with the study of selected writers of the Romantic period. The major Romantic poets Wordsworth, Blake, Coleridge, Byron, Shelley, and Keats are studied intensively.

Credits: 3.00

ENG368

Victorian Lit

The major writers of nonfictional prose, beginning with Carlyle, are studied in connection with the leading social, religious, intellectual, and artistic movements of the age. The poets, with major emphasis on Tennyson, Browning, Arnold, and the Rossettis, are studied against their contemporary background.

Credits: 3.00

ENG369

Sex in Modern British Fiction

This course explores sex in modern British fiction, with an emphasis on works that have sometimes been deemed too dangerous for the public. The literature assigned, which may include works by Oscar Wilde, Bram Stoker, D. H. Lawrence, Radclyffe Hall, Jeanette Winterson, and Bernardine Evaristo, has created new possibilities for sexual freedom by putting sex into language.

CONNECTIONS– GLOBAL HUMANITIES

The course also counts for the co-major in Women's and Gender Studies.

Credits: 3.00

ENG370

Literature of Empire

Focusing on the British Empire, this course explores the role that literature has played in supporting empire, challenging empire, navigating decolonization, and apprehending the legacies of colonialism. The British Empire functioned in part through the global export of the English language, educational systems tied to Britain, and British literature. We read works that have helped construct and affirm central myths and narratives that sustained empire at home and abroad and the works of colonial and post-colonial writers that subvert those myths and narratives and explore the impact of imperialism. As Edward Said argues, “Stories are the heart of what explorers and novelists say about strange regions of the world; they also become the method colonized people use to assert their own identity and the existence of their own history.” “Literature of Empire” is a CONNECTIONS GLOBAL HUMANITIES course. It fulfills the General Education objectives of critical exploration of historical and cultural groups through a focus on Britain and multiple nations of the former British Empire and how the history of imperialism has shaped these different cultures, as shown through literature, language, and education.

CONNECTIONS GLOBAL HUMANITIES

Credits: 3.00

ENG372

British Fiction to 1890

An analytical and historical study of the technique and development of British fiction from the 18th century through Hardy. Major figures studied will include Fielding, Richardson, Austen, Thackeray, Eliot, the Brontes, Dickens, Meredith, Gaskell, and Trollope.

Credits: 3.00

ENG373

Modern British & Irish Fiction

This course will survey major figures and themes in British and Irish fiction from 1890 to the present.

The writers studied will include many of the following: Joseph Conrad, Ford Madox Ford, James Joyce, E. M. Forster, Virginia Woolf, Katherine Mansfield, A. Huxley, D. H. Lawrence, Graham Greene, Evelyn Waugh, Kingsley Amis, Iris Murdoch, Margaret Drabble, Doris Lessing, and Anthony Burgess.

Credits: 3.00

ENG374

European Fiction

The writers studied in this course will be drawn from continental authors of the 19th and 20th centuries. Major works of Goethe, Gogol, Balzac, Flaubert, Turgenev, Stendhal, Tolstoi, Dostoevski, Mann, and Chekhov will be among the works read. Alternates with 368.

Credits: 3.00

ENG380

Mod Am Poetry

Close textual readings of leading American poets from Whitman to the present. The course is designed primarily for English concentrators and/or students with a strong interest in poetry. Credits: 3.00

ENG381

Adv Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

ENG382

Inter Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work. Credits: 3.00

ENG383

Advanced Special Topics Advanced Special Topics Credits: 3.00

ENG385

Am Writ From 1865

This course will involve study of six or eight poets and novelists from the era of Mark Twain and Henry James through the post-World War II period.

Credits: 3.00

ENG386

Mod Am Fiction

The development of the American Novel from the 18th century to the present. Beginning with examples of Realistic and Naturalistic fiction, the course traces the changing forms of fiction and the influences that fiction has had upon American culture. Included are representative selections from such writers as Wharton, Dreiser, Hemingway, Fitzgerald, Faulkner, Welty, Bellow, Mailer, Nabokov, Barth, Pynchon, and Morrison.

Credits: 3.00

ENG387

Reading Toni Morrison

This is a focused study of some of the acclaimed fiction of Toni Morrison, a single,

paradigmatic, contemporary American writer. We will read Morrison's primary imaginative texts in publication order as well as nonfiction essays from *The Dancing Mind* and *The Origin of Others* where the Nobel Laureate articulates the unspeakable. Woven into and among the discussions of each novel text will be a series of scholarly essays that present a critical lens through which we can explore the vantages one might use in the reading of conjured narration. A careful study of Morrison's novels and critical essays will allow us to explore what it means to be American while simultaneously surveying relevant contemporary critical practices relative to her writing. In addition to considering how Morrison's writing addresses the relationship between history and literature in the American imagination through problems born of the social construction of race, we will pay close attention to and assess the thematic foci of memory, migration, belonging, self-understanding, self-acceptance, self-love, and communal healing. Through these topics, we will assess the interdependence of African-American and American literature alongside critical race theory.

Credits: 3.00

ENG388

Black Women Writers

Black Women Writers centralizes the study of writings of Black women from the United States, Caribbean, and Africa. In addition to reading poetry, short stories, novels, and essays, we will focus closely on the course texts in their historical contexts and the authors who wrote them and the times and places in which they emerged. Our primary course goals are to sharpen our skills as critical readers, writers, and thinkers while developing greater awareness of the relationship between intersectionality and the distinct tradition of African American women's writing.

Credits: 3.00

ENG390

Topics in British & American Literature

This course will explore a topic or central problem of current importance in literary study. This course may focus on the work of major writers such as Virginia Woolf, Henry James, or Joseph Conrad. In some semesters the course will focus on themes, genres, and traditions in American and British literature such as "The Gothic," the "American Renaissance," and "Women's Fiction."

Credits: 3.00

ENG399

Literary Theory Seminar

This course affords the student an intensive exposure to prominent theories of literary interpretation and an application of these theories to a variety of examples of the major genres. Emphasis will fall upon in-class reports and critical papers. Intended for juniors.

Prerequisite: ENG102

Credits: 3.00

ENG481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.
Credits: 3.00

ENG482

Adv Internship

Internships at this level involve a great degree of responsibility and involvement. Enrollment requires the student to have completed extensive course work in an area of concentration.
Credits: 3.00

ENG491

Sr Seminar

Three major figures and/or works drawn from the range of English and American literature and studies from a variety of critical perspectives. A full-term research project and paper not necessarily confined to the texts for study in seminar. Format: discussion, oral reports, critical papers. Intended for seniors.
Credits: 3.00

Environmental Science and Environmental Studies

ESS101

Introduction to Environmental Issues

This course introduces students to the interdisciplinary nature of Environmental Studies. Three components are addressed. First, students are familiarized with the present quality of the environment from a natural science perspective. Second, the causes of environmental problems are discussed and analyzed. Third, students are exposed to the political and socioeconomic aspects of environmental problems. Throughout the course, and integrated approach to addressing and solving environmental problems will be emphasized. Satisfies general studies interdisciplinary requirement.

CONNECTIONS

Credits: 3.00

ESS183

Environmental Science Transfer Course; No Lab

Credits: 3.00

ESS184

Environmental Science/Lab Transfer and AP Exam Course

Credits: 3.00

ESS282

Internship ESS Internship

Credits: 3.00

ESS284

Environmental Issues

Transfer General Studies Connections Environmental Course

Credits: 3.00

ESS285

Environmental Issues-World

Transfer General Studies Connections-Global Environmental Course

Credits: 3.00

ESS310

Pollution: Effects & Remediation

Sources of environmental pollution have changed substantially over the last several decades as has the technology used to remedy damaged ecosystems. This course addresses the sources of a variety of pollutants and their fate in the natural environment. Ecological effects of different forms of pollution are discussed across a number of environments (atmosphere, surface water, groundwater and soil). Large-scale pollutant impacts (watersheds, climate change) are addressed. Emphasis is also to be given to techniques applied to assess and remedy environmental change. Credits: 3.00

ESS325

Geographic Information Systems

This course introduces students to many of the concepts and methodologies used in geographic information systems (GIS). Students learn where to obtain existing data, how to convert and analyze the data, and the applications of GIS to environmental and other fields of study. Students also learn how to use global positioning system (GPS) to collect field data and integrate it into a GIS. They will apply their new tools to real-world situations. Physical Sciences Elective for Environmental Science Major

Credits: 3.00

ESS325L GIS Lab

Credits: .00

ESS365

Ecological Psychology

What are our environmental problems and how does our psychology affect them? In most cases we have the ability to solve our environmental problems from a technological and physical perspective. So why don't we "just do it!" The reason seems to lie in our values, desires, etc., which emanate from our underlying psychology. However, in order to understand how our psychology operates, we need to examine it from a wide array of disciplinary perspectives. This course will utilize a range of perspectives from the humanities and social and natural sciences in order to examine and develop an understanding of the underlying psychology that contributes to our environmental problems.

Credits: 3.00

ESS382

Inter Internship

ESS Internship

Credits:1.00

ESS383

Advanced Special Topics Advanced Special Topics

Credits: 3.00

ESS482

Adv Internship ESS Internship

Credits: 3.00

Fashion

FAS101

Introduction to the Fashion Industry

This course serves as a general introduction to the fashion industry. It provides a comprehensive framework for understanding the organization and operations of fashion companies in developing product from concept to consumer. Emphasis is placed on how fashion is influenced by the changing sociological, psychological, political, economic and demographic environments at any point in time.

Credits: 3.00

FAS105

Visual Literacy for Fashion

The focus of this foundation design course is to explore the basic elements and principles of 2D and 3D design and their application in the fashion design process. Visual communication—using messages that combine words and pictures—is an essential skill

in the fashion industry. It is the language most often used by designers and merchandisers in communicating with each other and their clients. Line, shape, texture, value, color and their interrelationships are studied and applied to solving design problems. Students learn to use these components to demonstrate thoughts and concepts through visual illustrations and graphic design.

Credits: 3.00

FAS150

Sewing Fundamentals

This course provides students with a basic knowledge and understanding of apparel production operations, how to read a pattern, and garment construction. An overview of the basic industrial equipment and its application provides students with the concepts of production, efficient and cost-effective methods, and quality control. Students are introduced to garment sizing and fit.

Credits: 3.00

FAS200

Textile Fundamentals/Lab

FAS101

Introduction to the Fashion Industry

This course serves as a general introduction to the fashion industry. It provides a comprehensive framework for understanding the organization and operations of fashion companies in developing product from concept to consumer. Emphasis is placed on how fashion is influenced by the changing sociological, psychological, political, economic and demographic environments at any point in time.

Credits: 3.00

FAS105

Visual Literacy for Fashion

The focus of this foundation design course is to explore the basic elements and principles of 2D and 3D design and their application in the fashion design process. Visual communication—using messages that combine words and pictures—is an essential skill in the fashion industry. It is the language most often used by designers and merchandisers in communicating with each other and their clients. Line, shape, texture, value, color and their interrelationships are studied and applied to solving design problems. Students learn to use these components to demonstrate thoughts and concepts through visual illustrations and graphic design.

Credits: 3.00

FAS150

Sewing Fundamentals

This course provides students with a basic knowledge and understanding of apparel

production operations, how to read a pattern, and garment construction. An overview of the basic industrial equipment and its application provides students with the concepts of production, efficient and cost-effective methods, and quality control. Students are introduced to garment sizing and fit.

Credits: 3.00

FAS200

Textile Fundamentals/Lab

A study of fabrics with emphasis on the interrelationships of fibers, yarn structures, fabric construction and finishes. Students examine the physical and chemical structures of natural and man-made fibers. They explore how the different physical characteristics and components of different fabrics relate to end-use. Government legislation related to textiles is discussed. Concurrent enrollment in FAS200L, Textile Fundamentals Lab is required.

Corequisite: FAS200L Lab

Credits: 3.00

FAS200L

Textile Lab

This is a hands-on lab which accompanies FAS200. FAS 200L must be taken concurrently with FAS 200.

Corequisite: FAS200 Lecture

Credits: .00

FAS202

History of Fashion

This survey course focuses on the influence of fashion and dress throughout history. The course covers a timeline starting with Ancient Civilizations and ending with the 21st century. The purpose is to not only gain knowledge of the actual garments of the time, but also gain an understanding of why they were worn as well as the factors which influenced the changes in fashion styles through time. Knowledge of the historical context will be an important thread throughout this course. The course will use an interdisciplinary approach to studying fashion history that combines lectures, in-class activities, exams, presentations, extant garment research, and a final project.

Prerequisite: ENG102 or ENG102

Credits: 3.00

FAS208

Fashion Business

This course is an introduction to the fundamentals of the financial aspects of the fashion business. Special emphasis is placed on understanding and making managerial decisions based on review of the income statement, focusing on both gross margin and profit before taxes. Pricing and markdown strategies are discussed, and the basic retail math concepts of initial mark-up and maintained mark-up are covered in depth. Students create a six-

month merchandising plan that teaches them to forecast sales, inventory levels and reductions, enabling them to calculate planned purchases and open to buy. Also discussed are measures of productivity such as sales per square foot and GMROI.

Prerequisite: FAS112 or FAS112 or FAS101

Credits: 3.00

FAS210

Fashion Product Development/Lab

This course analyzes the process of creating fashion products from trend research through design to production/sourcing to distribution. It introduces concepts and methods used by buyers, merchandisers and designers to create merchandise for targeted customer segments.

Prerequisite: FAS105 or FAS105 and FAS112

Credits: 3.00

FAS218

Visual Merchandising

This course is a comprehensive introduction to the practices and effective strategies in the field of retail visual merchandising. Students learn to look, compare, and innovate as they implement proven principles used in the presentation of merchandise through free expression utilizing both solo and group activities to develop critical thinking and communication skills.

Credits: 3.00

FAS225

CAD

This course focuses on the purpose of CAD technology in the fashion industry for design ideation, concept development, research, and presentation. Adobe Illustrator and Photoshop will be used to emphasize visualization and exploration of design ideas, along with knowledge of technical skills. Students will apply appropriate CAD techniques to create artistic and technical flat illustrations. Personal study and investigation will be important in the success of this course. At the end of the course, students should have a versatile portfolio of projects that exhibit knowledge and skill of CAD as used in the fashion industry.

Prerequisite: FAS105

Credits: 3.00

FAS230

Fashion Illustration

The focus of this course is to give students a thorough knowledge of fashion of figure proportions, fashion poses and proficiency in illustrating them including: understanding the difference in illustration styles and skills required for marketing and designing; choosing the best media and employing it skillfully; and using their fashion illustrations in presentations that effectively communicate their ideas. Prerequisite: FAS105

Credits: 3.00

FAS250

Intermediate Clothing Construction

In this course, students will have the opportunity to further develop their knowledge of clothing construction in theory and practice. They will be introduced to the engineering of garment layout, cutting and intermediate clothing construction techniques in commercial sewing and clothing industry construction.

Credits: 3.00

FAS283

Special Topics

Credits: 3.00

FAS290

Art and Fashion in Europe

This course focuses on an essential collection of globalization and cross-cultural educational concepts. Students visit cultural and fashion industry sites to learn about cultural influences on modern art and fashion. Students will also visually immerse in European art and artifacts that will be utilized in their fashion study. In addition, students will have the opportunity to explore the street art and fashion in European communities. Finally, the purpose of this course serves to offer students a chance to combine their multicultural and global perspective with a design ideation, concept development, research, and presentation. Photo documentation and journal entries will be used to visualize and explore their study abroad experiences. Personal study and investigation will be important in the success of this course. At the end of the course, students will have a versatile sketchbook journal of the trip that exhibits their experiences and will be shared through a power point presentation.

Credits: 3.00

FAS309

Lifestyle Marketing

This course introduces the theories and practices of meeting the consumers' lifestyle needs by creating and managing branded fashion products. It explores how to build new fashion brands and how to develop existing brands in a global and digital world. It emphasizes the importance of market orientation versus product orientation. This course fulfills a track requirement for the B.A. degree in Fashion Merchandising.

Prerequisite: FAS105 and FAS112

Credits: 3.00

FAS315

Fashion Communications

This is a study of the marketing and promotional strategies used within the fashion communication field. Students study the purposes, procedures, methods and techniques

used in various fashion promotional activities. Special attention is given to writing techniques and layouts used in printed fashion communications.

Corequisite: FAS315L Lab

Prerequisite: FAS105 or FAS105 And FAS112

Credits: 3.00

FAS340 Draping

This course introduces the student to the technique of draping: creating a flowing, three-dimensional garment by manipulating, molding, and shaping flat fabric on a full-size three-dimensional dress form or a live model. Steps for developing and producing patterns and garments implementing this technique will be practiced. The course will introduce the student to the dress form, draping tools and how to use them, draping terminology, use of body measurements in developing a pattern and the characteristics of fabrics in relationship to the curves of the body. Prerequisite: Lecture: FAS342

Credits: 3.00

FAS342

Patternmaking

This course introduces the student to techniques and skills in flat patternmaking. The student will learn how to create and manipulate a sloper set and become familiar with fitting garments on a full-size dress form and the human body to produce creative and innovative designs. This course also teaches students a common language of correct terminology so they will be able to communicate accurately with patternmakers and designers within the fashion industry. Steps for producing a flat pattern from a flat sketch to completed pattern are practiced.

Prerequisite: FAS250

Credits: 3.00

FAS345

Electronic Patternmaking

The students will learn the skill sets of computerized patternmaking as it applies to the fashion industry. A focus will be given to the interpretation of design flats as they influence the design of pattern. At the end of the course, students will produce design garment by using Modaris Patternmaking software. Students should also have a versatile patternmaking portfolio of projects that exhibit knowledge and skill of CAD as used in the fashion industry.

Prerequisite: FAS340

Credits: 3.00

FAS350

Advanced Construction Techniques

This course emphasizes development of apparel construction skills at an intermediate level. Students continue to evolve principles by which flat pattern method is used in the

development of design idea. Emphasis is on tailoring procedures, which are used in everyday dressmaking. In course work, students will learn how to select the tailoring method most appropriate for their fabric and pattern choice, as well as for their skill level and available sewing time.

Prerequisite: FAS250

Credits: 3.00

FAS360

Digital Print Design

There are three major components in this course; learning to repeat pattern with CAD, textile design development and product development by using the most current digital printing technology. The course focuses on research methods and their impact on the development of textile design motifs in the fashion and textile design field as well as computerized design processes. Visual presentation and concept development skills will be addressed for developing design motifs. Visits to design resources such as library and analysis of trend forecast sources and current influences will provide inspiration for development. In addition, product development of textile design will be also stressed in class.

Prerequisite: FAS325

Credits: 3.00

FAS372

Concept Development, Fashion Design

This course focuses on the process of forming an idea and bringing that idea from concept to reality, specifically with regard to end products related to the fashion business. Students learn how to research, recognize or create trends, and apply aesthetics, taste, design techniques, practical considerations and problem-solving strategies in the implementation of targeted concept development projects.

Prerequisite: FAS225

Credits: 3.00

FAS376

Retailing

This course provides a comprehensive understanding of the retailing industry. It focuses on the development of retail strategy and familiarizes the student with all the major decisions retailers must make as they strive to compete in an ever-changing environment.

Prerequisite: FAS112 or BUS347 or BUS247 and FAS105

Credits: 3.00

FAS383

Intermediate Special Topics

Credits: 3.00

FAS482

Internship

French

FRE101

Intro French & French-Speaking Culture I

What is life like in France and in other French-speaking cultures? This course explores this question and gives students the vocabulary and grammar required to communicate in basic spoken and written French on a variety of cultural topics. While instruction is primarily in French, English is used to delve into cultural and grammar topics. Students who successfully complete the course can identify, describe, and reflect on a variety of cultural topics from the French-speaking world and can communicate in basic French. Recommended for students with 3 years or less of high school

French. FOUNDATIONS-WORLD CULTURES

Credits: 3.00

FRE102

Intro French & French-Speaking Culture II

How does knowing French give unique access to French-speaking cultures? This course explores francophone cultures through reading and analyzing simple texts in French on a variety of topics, from food culture to national holidays and local celebrations. It builds on the language foundation acquired in FRE101 and provides students with additional vocabulary and grammar to enhance communication skills in basic French. While instruction is primarily in French, English is used to delve into cultural and grammar topics. Recommended for students who have taken FRE101 or who successfully completed 3-4 years of high school French. FOUNDATIONS-HUMANITIES

Credits: 3.00

FRE201

Inter French & Francophone Perspectives I

What do francophone perspectives on fashion, healthcare, education, and work tell us about different ways of living in, engaging with, and relating to the world? This course explores this question and gives students the vocabulary and grammar required to communicate on these topics in spoken and written French at an intermediate level. While instruction is primarily in French, English is used to delve into some cultural and grammar topics. Recommended for students who have taken FRE102 or who successfully completed 4 years of high school French. CONNECTIONS-GLOBAL

Credits: 3.00

FRE202

Inter French & Francophone Perspectives II

What do francophone perspectives on money, love, sustainability, and the arts tell us about different ways of living in, engaging with, and relating to the world? This course explores this question and gives students the vocabulary and grammar required to communicate on these topics in spoken and written French at an intermediate level. While instruction is primarily in French, English is used to delve into some cultural and grammar topics. Recommended for students who have taken FRE102 or who successfully completed 4 years of high school French.

Credits: 3.00

FRE208

French/Us Cultures

In this course we will first be looking at culture in general by reading a number of anthropological texts, and then at French culture in particular. We will study different topics related to cultural values, such as attitudes toward time (history, tradition) and space, attitudes towards human nature and attitudes toward those considered to be "other." We will also study the ways the French have organized themselves to solve problems of life and the values that these solutions reflect, for example, the role of the family and the way children are raised, the appropriate structure of government and the state, the purpose of education and how it should be delivered, etc. By looking at such topics we hope to come to a greater understanding not just of French culture, but also of American culture and American values as we contrast the two cultures. We will read texts written by French authors as well as texts by non-French observers who have been students of both French and American culture.

Credits: 3.00

FRE221

French Literature/Culture in Translation

Through an examination of exemplary literature, films, philosophical essays, and other creative works students investigate and reflect on significant ideas and issues from French-speaking cultures. Each section of the course is focused on a specific geographic, historical, and/or thematic dimension of the French-speaking world. May be repeated with a new topic. Instruction is in English. Optional module for study in Paris. GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

FRE281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

FRE301

Film & Visual Arts in Francophone Culture

What do the arts have to say about life in francophone cultures? This advanced French course explores how film and the visual arts are more than entertainment and beautiful objects to admire. As cultural products, they also reveal and comment on the cultural context from which they emerge, giving insight into cultural values and ideas. This course enables students to contextualize and analyze a variety of films and visual art as well as strengthen their communication skills in French. It may be repeated with a different thematic, historical, or regional focus. Instruction is in French. Recommended for students who have taken both FRE201 and FRE202 or who scored a 4 or 5 on the AP French exam. GENERAL STUDIES CONNECTIONS-GLOBAL.

Credits: 3.00

FRE302

Music & Literature in Francophone Culture

What do the arts have to say about life in francophone cultures? This advanced French course explores how music and literature are more than entertainment. As cultural products, they also reveal and comment on the cultural context from which they emerge, giving insight into cultural values and ideas. This course enables students to contextualize and analyze a variety of music and short literary texts as well as strengthen their communication skills in French. It may be repeated with a different thematic, historical, or regional focus. Instruction is in French. Recommended for students who have taken both FRE201 and FRE202 or who scored a 4 or 5 on the AP French exam.

Credits: 3.00

FRE305

Practicum

This intensive conversation experience emphasizes speaking and listening to develop high intermediate/advanced proficiency in French. Extensive use of multimedia programs, small group discussions, collaborative projects.

Credits: 3.00

FRE321

Civil/Culture

This course will provide a historical survey of the highlights of French culture and civilization from the Middle Ages through the French Revolution. It will examine events, social structures, political institutions, everyday life, art, and architecture. These will be presented, aside from the basic textbook, through excerpts from original writings from each period, contemporary interpretations, slides, and movies. (European Studies)

Credits: 3.00

FRE322

Modern France

The course will examine the highlights of French culture and civilization of the 19th and

20th centuries. It will present, through literary selections, contemporary interpretations, slides, and movies, a diverse perspective on the people and events which have shaped the character of France and the Francophone world today. (European Studies)

Credits: 3.00

FRE323

French Culture through the Media

This advanced language and cultural course focuses on exploring French culture from World War II to the present through the mass media. Through a variety of mass media "texts," including television, film, newspapers, magazines, the Internet, and music, students will examine cultural phenomena influencing France today. We will most certainly analyze immigration, education, Franco-American relations, daily life, women's issues, the economy, and the media themselves as cultural products and cultural producers. All coursework will be done in French. Satisfies French concentration requirement. Prerequisite: FRE301 or permission. Prereq: FRE302 Lecture Min Credits: 3.00

Credits: 3.00

FRE330

French Drama

A discussion of theatre as a literary genre and a study of the development of drama in France and French-speaking countries. Particular emphasis on plays in the 17th and the 20th centuries. Writers such as Corneille, Racine, Molière, Hugo, Anouilh, Giraudoux, Sartre, Dadié, Hébert, Duras, Beckett, and Ionesco will be studied. (European Studies)

Credits: 3.00

FRE335

French-Speaking World through Film

This advanced language and culture course focuses on exploring French-speaking cultures through film. Students examine how exemplary films both reflect and inflect a variety of political issues, historical events, social changes, and cultural movements of the French-speaking world. Each section of the course provides students the opportunity to focus on and to understand a specific geographic, historical, or thematic dimension of the French-speaking world. All work is in French. May be repeated with a new topic. Prerequisite: FRE 301 or permission of instructor Prereq: (FRE301 Lecture Min Credits: 3.00 Or FRE301 Transfer Min Credits: 3.00)

Credits: 3.00

FRE340

Fiction

A study of the development of the novel form in France and in other French-speaking countries from the 17th to the 20th centuries. (European Studies) Prereq: (FRE302 Lecture Min Credits: 1.00 Or FRE302 Transfer Min Grade: TR Min Credits: 1.00)

Credits: 1.00

FRE342

Francophone Clt/Lit

The purpose of this course is to introduce students to important issues facing the Francophone world. Topics such as colonization, decolonization, postcolonialism, separatism in Quebec, and the French legacy in Africa and the Caribbean will be examined through the use of literary texts, political and cultural discourse, music and films.

Credits: 3.00

FRE350

French Poetry

A study of poetic forms in French literature and of various methods of interpreting poetry. The course will deal with selected major poets and poetic movements. (European Studies) Credits: 3.00

FRE360

History of Ideas

This course deals with fiction, essays, and letters from the Renaissance through the 20th century whose focus is primarily the communication of ideas. Writers studied will include Rabelais, Montaigne, Madame de Sévigné, Pascal, Voltaire, Rousseau, Diderot, Madame de Staël, Sartre, Camus, Wittig, Irigaray, Cixous, Kristeva, Derrida, and Foucault. (European Studies)

Credits: 3.00

FRE371

Applied Linguistics

This course provides theoretical background in linguistics and in second language acquisition. The application of linguistic theory to foreign language teaching, with a focus on proficiency-based methodologies, is emphasized. Required of teacher certification candidates in modern foreign languages; open to other students with permission of the instructor.

Credits: 3.00

FRE380

Topics in Literature & Culture

This course is designed to offer special topics of interest in French and Francophone literature and culture. Readings, discussions, reports and examinations will be in French. Prereq: FRE302 Lecture Min Credits: 1.00

Credits: 3.00

FRE383

Special Topics

Credits: 1.00

FRE491

Seminar

The seminar emphasizes critical approaches to French literature leading to an individualized research project. Team taught and conducted partly in English for French, German, and Spanish students. (European Studies)

Credits: 3.00

FRE492

Seminar

This course includes a discussion of anthropological views of culture as well as a study of French social structures and socialization of children. Topics such as the French attitudes toward time, geography, and human nature also will be studied. Literary texts, essays, and video materials will be used. (European Studies)

Credits: 3.00

FRE671

Applied Linguistics

This course provides theoretical background in linguistics and in second language acquisition. The application of linguistic theory to foreign language teaching with a focus on proficiency-based methodologies is emphasized. Required of teacher certification candidates in modern foreign languages; open to other students with permission of the instructor.

Credits: 3.00

First-Year Seminar

FYS100

First Year Seminar

A liberal arts-oriented introduction to critical reading and writing skills and critical thinking in a seminar setting of approximately 15 students. All students take one of these courses during their first year. Courses vary by instructor. Examples include: Neuroethics; Digital Art; Psychoanalysis in Literature and Film; Perfect Children – New Eugenics; Community Politics in Pennsylvania; Experimental Fiction; Science and the Liberal Arts; Japanese Culture; Coming of Age in African American Texts; Memory and Violence in Latin America; American Schools and the Culture of Violence; Water: the Next Oil?

Credits: 3.00

Greek

GRE101

Ancient Greek Language and Culture

What was life like in ancient Greece? How did people from around the ancient world use Greek to communicate ideas about the meaning of life? Why was some of the Bible written in Greek? This course explores these questions and is designed for those who have little or no exposure to the ancient Greek language. It covers basic grammar and vocabulary, as well as focuses on the historical and cultural contexts of the ancient Greek world.

Instruction is in English and emphasizes English translation of Greek text (primary sources) and analysis through scholarship (secondary sources).

FOUNDATIONS-WORLD CULTURES

Prerequisite: GRE101 or GRE 102 Language Placement

Credits: 3.00

GRE102

Ancient Greek and Its Legacy

What is the impact of ancient Greek on the languages, cultures, and sciences of the Western world? How did people use Greek language and cultural values as a passport to education, politics, and religion? This course explores these questions and is designed for those who have had some limited exposure to ancient Greek language and culture. It continues the study of basic grammar and vocabulary, as well as focuses on the cultural and historical contexts of the ancient Greek language within the world after antiquity.

Instruction is in English and emphasizes English translation of Greek text (primary sources) and analysis through scholarship (secondary sources).

FOUNDATIONS-HUMANITIES

Prerequisite: GRE101

Credits: 3.00

History

HIS101

Ancient Mediterranean World

This survey of the Antiquity considers the development and interaction of cultures in Mesopotamia, Egypt, Greece, and Rome. In so doing, it includes not just political developments but also the history of everyday life from religious traditions to the status of women and children.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS122

Medieval/Early Modern Civilization

The development of western civilization from the end of the Roman empire, the rise of Christianity, the barbarian invasions, the Byzantine civilization, Carolingian culture, medieval social history, the age of pilgrimage and the crusades, the development of monarchies, the Renaissance and Reformation Ages.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS135

World History I

This course will introduce students to the general characteristics of the major civilizations and the epochs of world history to 1500. It will combine a general overview of global developments and a concern with the common elements in the human experience with specific study of the development of major distinct traditions in Southwest Asia, the Mediterranean, India, China, Europe, Japan, Africa, and the Americas. Students will be encouraged to see events from a global rather than narrow Eurocentric perspective.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS136

World History II

Survey of modern world history, focusing on the integration of the Old and New Worlds through the establishment of European colonial and trading empires, the global effects of the Scientific, Political (U.S. and France), and Industrial Revolutions, the impact of nineteenth-century European imperialism, the effects of the world wars on the global balance of power and decolonization, and the aftermath of the Cold War and the contemporary era of "globalization." Stresses the interactions of world culture zones in the exchange of goods, peoples, and ideas rather than pursuing a Eurocentric perspective. FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS151

Origins of American Civilization

The new societies that emerged in North America in the seventeenth and eighteenth centuries were the products of a much broader process of migration, cultural encounter, conquest, and exchange that began to accelerate in the Atlantic world after the Columbian voyages of the 1490s. As it turned out, some of these societies also formed the origins of the United States as a nation and the seeds of many of the institutions and impulses of American life. This course will explore the colonial and revolutionary periods from both these perspectives.

FOUNDATIONS- HUMANITIES

Credits: 3.00

HIS152

US 19th Century

The nineteenth century, in the United States as in many other regions of the world, was a period of fundamental and astonishingly rapid social and economic change. A capitalist world system, in which the American economy played an increasingly important role, implicated more and more people in a planetary web of market relations. Over the same period the process of industrialization altered the material bases of production and consumption with profound implications for the nature of work, the structure of families, and people's perceptions of time. In every aspect of human endeavor — politics, business, science, literature, the arts, sexuality and gender relations, child rearing — individuals, groups, and institutions struggled to adapt to, to make sense of, these changes. Our task in this course will be to pose and to begin to answer a series of questions about these changes and these responses.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS153

US History Since 1865

This course starts in 1865 with the ratification of the 13th Amendment, where the federal government abolished slavery as an institution, and ends with a discussion of gender and pornography overlaid by women's and reproductive rights. Taking a linear approach through important 20th and 21st century epochs, students will be asked to understand these distinctive time periods (Reconstruction, Progressive Era, Jim Crow, WWI, WWII, Cold War, etc.) at the intersection of race, gender, class, sexuality. The crux of the class is continuously getting students to answer the question "Who is an American and why?" at different historical junctures. During class discussions and assignments, students will be asked to critically engage with the ideal of Americanness as well as the social, cultural and legal construction of the American identity. Students will grapple with how rights and privileges are outrightly given to one group of Americans while vehemently suppressed for others. Ultimately, the limits and realities of the American Dream will be critically analyzed and carefully examined in a quest to understand how ideas of freedom and democracy are historically tethered to systemic oppression and discrimination.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS161

Introduction to Public History

Public history is history that belongs to the public. It is seen, heard, read, and interpreted by the popular audience. By emphasizing the public context of scholarship, public history trains historians to transform their research to reach audiences outside the academy. In this way, students will be introduced to public history studying how, why, where, and who produces history outside of academic spaces. Central to these inquiries will be investigations into major themes in the theory, methods, and practice of public history: uncovering hidden histories, constructing interpretations, creating a sense of place, and negotiating contested memories. In addition to these discussions, we will examine

several different types of public history: oral history, archives management, and historic preservation. Ultimately, students will enhance their awareness of how history is presented in the society around them. This course seeks to expose students to the methods, theories and practices so students may acquire skills necessary to manage, preserve and interpret historical records and artifacts.

FOUNDATIONS-HUMANITIES COURSE

Credits: 3.00

HIS183

Introductory Special Topics Introductory Special Topics

Credits: 3.00

HIS184

History Topics

Transfer or Study Abroad Course That Counts as a Foundations-Humanities

Credits: 3.00

HIS204

US Women's History

In this course, we will explore the ways in which society shapes our notion of what it means to be a "woman" and how women design and create their own lives. Our objective is to develop an understanding of women's experiences in such areas as family, relationships, work and politics. Throughout the course, we will explore how women of different races, classes, ethnicities and sexual orientations raise questions about their experiences and come into conflict with and make alliances with other women. The course will begin with an examination of pre-contact indigenous women and end with women in the present day.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS205

History of Medicine in the US

This course offers an introduction to the history of medicine and public health in the United States from the colonial period to the present. It will address themes such as the emergence of the medical profession, the rise of the hospital, the relationship between medicine, science and politics, and the role of medicine in defining and interpreting bodies, health, and disease. Students will explore these themes through historical documents, secondary sources, and historical monographs. General Studies

Connections-Humanities

Credits: 3.00

HIS206

Healthy Cities: Urban Public Health

his course offers an introduction to the history of urban public health in the United States

from the colonial period to the present. It will address themes such as the changing definition of public health, from the control of contagious disease to the promotion of health, the battle to replace traditional ways of maintaining health with more efficient ones (keeping in mind language and cultural differences), the clash between individual civil liberties and protecting the public and the impact of economic conditions and changing political views. We will start the course with a discussion of public health in colonial and revolutionary Philadelphia, move to a discussion of tuberculosis (the most urban of the nineteenth and early twentieth century diseases) among African Americans in Baltimore, take a detour out West to discuss public health among Mexican, Japanese and Chinese immigrants in California and conclude with an examination of the contentious world of politics and public health in New York City from the 1960s through the AIDS epidemic, 9/11 and the smoking and soda wars of the recent past.

Credits: 3.00

HIS207

History of American Popular Culture

The course is designed to examine the history of everyday things and their significance in American life. Special emphasis will be given to the airplane, the radio, the motion picture, and the automobile. The history of popular literature, supermarkets, shopping malls, foods, and so forth, will be included.

FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS211

African History

Africa has much to teach us. It is the continent where human beings first evolved and where they made their most fundamental adaptations to the world around them. Indeed, the subsequent history of African societies can be understood as a continuing series of creative adaptations to some of the most challenging environments on Earth. The study of Africans' social, political, technological, and spiritual responses to these conditions raises our awareness of what human beings can do. It also feelingly persuades us of our limitations – something the history of the United States does less well. Only in the last forty years has African history received the kinds of scholarly attention that had been devoted earlier to the European and American pasts. Only since then has the African story been unburdened of the racism that accompanied, and bolstered, Western imperialism in the nineteenth and early twentieth centuries. And so, this is an enormously exciting moment in which to do African history. Old myths have been deconstructed and new understandings are emerging regularly. Given the scale and variety of African geography and the span of African history, a semester's course cannot pretend to treat many individual societies in depth. But we can take advantage of that emerging information and understanding by raising questions and themes that have continent-wide implications: questions about social and political structures; material culture and the organization of economic life – both productive and commercial; cultural contacts with peoples and traditions from outside Africa; slavery and the slave trade both within African societies and outside;

responses of African societies to European colonialism; and the meaning of political independence in an economically interdependent world. GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES
Credits: 3.00

HIS212

African American History I

This course is the study of the African experience in America starting with pre-colonial Africa through the abolition of the slave trade and ending with emancipation in 1865. Taking a linear approach, this course will expose African American involvement in the American Revolution, free Black life in the new republic, and how slavery transformed and hardened during antebellum. The course will focus heavily on the slave trade and institution of American slavery paying special attention to the plantation-complex. Taking an intersectionality approach, this course will examine how race, gender, class, and region created a heterogeneous African American experience. The theme of Black resistance undergirds the entire course. The aim of the course is to carefully review the facts of the early Black experience, expose the many myths, recognize the horrors and effects of bigotry and intolerance that were present and forming, and apply this information to our understanding of black/white conditions today. Documentary films, feature films, analytical essays, discussion-based lectures, guest speakers, and a class trip will be the sources that lead to an understanding of this important subject.

Credits: 3.00

HIS213

African American History II

This course will follow the Black experience in America starting with post-emancipation and ending during the nation's contemporary period, thereby emphasizing certain important themes: Reconstruction, Jim Crow segregation, the Great Migration, Black women and the Club Movement, WWII and Double V, the Civil Rights Movement, the Black Power Movement, the 90's, the so-called "Post-Racial" period and the Black Lives Matter Era. The course focuses on the challenges of achieving racial justice and equality in the face of adversity. The course looks at protest movements leading to institutional reform, African-American foundational contributions to the creation of a modern urban culture, overall American economic prosperity, and global power and leadership. Furthermore, taking an intersectionality approach, this course will examine how race, gender, and class was used to undergird the African American experience.

Credits: 3.00

HIS216

Pennsylvania

Ethnically pluralistic, liberal, and commercial from the start, early Pennsylvania was probably a better indicator of what the United States as a whole would become than either Puritan New England or the Slave South. That role as a trendsetter in turn makes Pennsylvania a useful test case, a small but clear window through which to study the

broader forces that have transformed the World over the past three centuries: cultural encounter, the industrial revolution, labor migration, race relations, and de-industrialization. GENERAL STUDIES CONNECTIONS-HUMANITIES
Credits: 3.00

HIS224

Latin America

This survey course examines Latin American history from the time of Columbus' first voyages to the end of the 19th century. The course discusses the contact between and mixtures of diverse peoples in the Americas, especially the pre-Columbian populations, the Spanish and Portuguese, and the Africans brought forcibly to the Americas as slave laborers. It covers period of conquest, the colonial period, the wars of independence and the first decades of nation building in Latin America in order to build a foundation in Latin American history. The course examines political, economic, social and cultural factors and how they played off one another throughout the 400- year period. The readings are a combination of primary texts and scholarly works on Latin American history. Film is used to explore parts of this history. The course format is a combination of lecture and discussion. The family, as both a cultural expression and a socio-economic unit, has played a seminal role in the historical development of Latin American. The study of the family is important not only for understanding society, but for understanding the ways in which political and economic power is structured in the region. The course will be divided into two parts: part one will examine the colonial period and the nineteenth century, and part two the twentieth century. In each section we will discuss different issues that have confronted Latin American families, such as family responses to the challenges of the church and/or the state; how poverty and wealth affect and create different types of families; how race and ethnicity play a role in the family structure; how families help to structure the economic realm of Latin America; how poverty perpetuates family disintegration, and some of the proposals of the Inter-American Development Bank (IDB) to try to mitigate that situation. Finally, we will briefly discuss the issue of migration and family in Latin American and the United States.

CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

HIS232

Russia & the Soviet Union

This course examines the History of Russia beginning in 1861 and carries it to the fall of the Soviet Union in 1991. The themes covered will include the causes of the decline of Tsarist Russia; the revolution of 1905 and the rise of Marxism Leninism; Lenin and the 1917 revolution; the social reforms of the new regime and the invention of the new Soviet Man; Stalin's consolidation of power, the Soviet Union's "Great Patriotic War"; the destalinization process; Soviet involvement in the Cold War; underground life in the Soviet Union; Gorbachev and Glaznost; and the post-Soviet Republics. Several novels and films will be analyzed to understand the nature of life in the Soviet Union.

Credits: 3.00

HIS236

Magic in World History

People have been performing and enjoying magic around the world for centuries. This course analyses theatrical magic performance in a global context. It considers the creation and development of theatrical magical traditions in Europe, North America and Asia, and focuses on the 19th and 20th centuries. It considers how magic performances in different locations and time periods have articulated and portrayed social anxieties and contestations around issues of power, race, death, religion and gender.

GENERAL STUDIES CONNECTIONS-HUMANITIES-GLOBAL

Credits: 3.00

HIS241

Early East Asia

This course provides a broad overview of the premodern histories of China and Japan, focusing on their institutional and cultural interaction, and their influence on the cultures of Korea and Vietnam. Subjects range from the early development of Chinese philosophy and statecraft to the development of the distinctive warrior ethic in Japan, from the elaboration of official court culture to the emergence of popular cultural forms.

Throughout the course, students consider how Western images of East Asia have shaped our understanding of its civilizations.

GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

HIS242

East Asia from 1800

This course examines East Asia in the nineteenth and twentieth centuries with special emphasis on China and Japan. The course will include the opening of East Asia by the Western powers, the modernization process, Japan's rise to major power status, the Chinese Republican revolution, Japanese imperialism, the War in the Pacific, the Communist take-over of mainland China, the Korean War, Japan's post-war reconstruction, the Chinese Cultural revolution, the post-Mao era, and Japan's importance in the Western economy.

FOUNDATIONS- HUMANITIES

Credits: 3.00

HIS251

England I

Sexual scandals, civil war and religious turmoil: this seems to sum up the era of the British monarchs known as the Tudors and the Stuarts. More than ever, popular culture draws from this period because it has all the makings of drama, beginning with the reign of Henry VII and culminating with what is known as the Glorious Revolution. This course will deal with the family intrigue of King Henry VIII (and his many wives), and Queen Elizabeth I, but it

will also contextualize it within the political, economic, religious and intellectual strands of early modern England. The country experienced an epoch-making break with the Catholic Church, it hosted the cultural peak of Shakespeare, overseas exploration/colonization and scientific contributions of men like John Dee – all of which made distinctions of identity between Britain and what was taking place on the European continent.

GENERAL STUDIES FOUNDATIONS- HUMANITIES

Credits: 3.00

HIS252

England

History 252 is a study of England from 1760 to the present, emphasizing industrialism, imperialism, and the growth and decline of a liberal intellectual and political tradition.

Credits: 3.00

HIS261

Renaissance

A preliminary examination of medieval contributions to the Renaissance is followed by a thorough analysis of the rise of Italian urban culture, the family in context with the Renaissance, religious movements, the papacy and the Church in an era of change, the revival of classics, the dynamic movements in art, humanism in Italy and Christian humanism in the north along with the changing nature of monarchy in the north.

Credits: 3.00

HIS262

Reformation

This course examines humanism and the Devotio Moderna as a basis for the Reformation. Attention is given to the social, economic and political developments as contributing factors to the Reformation and its aftermath; careful study is given to Luther, Calvin, Zwingli, the Anabaptists as well as radical and messianic reformers as well as the English Reformation, the rise of Puritanism, and the Catholic Reformation with specific emphasis on the Council of Trent and the rise of the Jesuits.

GENERAL STUDIES FOUNDATIONS-HUMANITIES

Credits: 3.00

HIS266

19th Century Europe

This course will introduce you to the hallmarks of Europe's nineteenth-century history. Historical and analytical constructs such as industrialization, social change, gender relations, racism, liberalism, nationalism, imperialism, and socialism/communism will provide the framework for examining specific topics including the French Revolution, the Congress of Vienna, the separation of gendered spheres, the revolutions of 1848, the unifications of Germany and Italy, dueling, honor, and the "Scramble for Africa".

GENERAL STUDIES CONNECTIONS-HUMANITIES-GLOBAL

Credits: 3.00

HIS267

20th Century Europe

This course will introduce you to the concepts, trends, and events fundamental to Europe's development in the twentieth century. Important themes – including socialism/communism, fascism, nationalism, racism, gender identity, and post-war reconciliation - offer a framework within which we will examine specific topics such as the First World War, the Russian Revolution, the rise of fascist regimes, the Second World War, the Cold War in Europe, the uprisings of 1968, the revolutions of 1989, and the war in the former Yugoslavia.

GENERAL STUDIES CONNECTIONS-HUMANITIES-GLOBAL

Credits: 3.00

HIS272

Am Foreign Reltns

A survey of American diplomatic history from the Revolutionary War to the present, with emphasis on the emergence of the United States role from a position of isolation to a position of world prominence. The course concludes with an examination of America's role as the leader of the free world.

Credits: 3.00

HIS275

Women's Work

Our subject matter is the productive labor of half the planet's people over the span of human history. Needless to say, we will not pretend to "cover" all that the topic entails. Instead, a number of theoretical perspectives and certain historical questions flowing from them will help us begin to make sense of some of the work that women have done in different geographical locations and in a range of specific agricultural, industrial, and post-industrial settings. GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

HIS280

Environmental History of US Living on Earth: An Ecological Approach to the American Past

This course brings a wide range of new ways of making sense of more than 500 years of American history. Much more than a chronicle of the environmental movement, the course considers the interrelationships among various life-forms-plant, animal, microbial--in particular landscapes and climates, human strategies and technologies for wresting a living from the Earth, and value systems that have long promoted or, more recently, questioned economic developments, the basis for the American Dream. Particular themes include the impact of disease on American demography; conflict between the Indian and European uses of land; the introduction of exogenous species and the extinction or near-extinction of indigenous ones; development of industrial-capitalistic modes of resource exploitation in the 19th century; and the social costs of

that exploitation in our time.

GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

HIS281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

HIS282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

HIS283

Intermediate Special Topics Intermediate Special Topics

Credits: 3.00

HIS284

History Topics-US

Transfer or Study Abroad Course that is a General Studies Connections-Humanities

Credits: 3.00

HIS285

History Topics -World

Transfer or Study Abroad Course that is a General Studies Connections-Humanities-Global

Credits: 3.00

HIS290

Amer Civilization

The purpose of this course is to introduce American civilization concentrators and other interested students to the current range of interdisciplinary research into American culture, to discuss questions of methodology and interpretation, and to analyze nontraditional as well as traditional artifacts of American culture. Examples of research will take the form of important, and in many cases recent, monographs. Among the methodologies to be represented: semiology, ethnography, deconstruction, urban

archeology, gender analysis, and quantitative techniques. Cultural artifacts or primary sources to be analyzed will range from the historical tales of Nathaniel Hawthorne, tombstones, and newspaper advertisements to the songs of Stephen Foster. In addition to lectures by the primary instructor the class discussions, the course will welcome presentations by Albright faculty and visiting lectures in their fields of expertise.

Credits: 3.00

HIS311

US Social

As the study of people, social structures and racial groups, this course will examine gender, race, ethnicity, class and sexuality in American History. The course seeks to analyze as much as it seeks to understand these significant differences and divisions within American society. In addition, the course seeks to examine a) the sources of these divisions in immigration patterns, economic development, and sexual expression; b) the ways in which different eras have understood them; and c) the attempts of institutions such as the church, the school, the law, political parties, and the government to exacerbate or ameliorate social divisions.

Credits: 3.00

HIS312

US Economic History

This course surveys the history of American economic life from the 17th century to the present. Organized around the twin themes of growth and inequality, it charts how a relatively minor group of colonies developed into a world economic superpower, and how this transformation has shaped daily life in the United States and around the world. Among the topics we will discuss are: the differences between Native and colonial economies; the imperial context of early American economic development; the role of slavery in American economic development; the rise of wage labor and the gendering of economic activities; labor migration; the effects of war, corporate consolidation, and new technologies; the shifting part played by America's governments in promoting, shaping, and sometimes constraining economic growth; and the striking rise in economic inequality in the late 20th century; and globalization. Students should note that this course employs primarily qualitative modes of analysis; course work in economics is not presumed. General Studies Connections Humanities

Credits: 3.00

HIS315

World War II Era

The World War II era witnessed transformations in social, political, and economic orders across the globe. This course traces the domestic and international developments of the era and assesses the war's legacy. Though to a certain extent military events frame the chronology of events, the course will not focus exclusively on military history. The course will also highlight global events like the rise and fall of fascism, the Holocaust, the rise of

anti-colonialism and movements of national independence, the rise of superpowers, and the emerging Cold War while considering the wider political, social, economic, and cultural historical developments and transformations. Through the careful, critical consideration of the stories that participants told themselves about the war as they experienced it, and the stories that historians and the public have created and told since in order to explain the significance of the event, this course will provide a forum in which you will gain a deeper understanding of the era as well as the practice of history itself. Fulfills US, European or World History requirement for History concentrators.
GENERAL STUDIES CONNECTIONS- HUMANITIES-GLOBAL
Credits: 3.00

HIS322

US Urban History

The development of American cities from the colonial time to the present. Great emphasis will be placed on the relationship of the growth of cities to the larger social, economic, and political developments in American society. The newer quantitative techniques used to describe historical developments in urbanization also will be emphasized.

GENERAL STUDIES CONNECTIONS- HUMANITIES

Credits: 3.00

HIS331

Antisemitism

In 1879, an antisemite named Wilhelm Marr coined the term “antisemitism,” thereby differentiating the modern hatred of Jews based in political and racial concepts from earlier forms of antijudaism rooted in ancient and contemporary religions. Often identified as the world’s longest documented hatred, antisemitism continues to permeate social, religious, cultural and political rhetoric. This course will endeavor to chart, through a series of chronological and typological case studies the evolution of antisemitism from early tensions within the young Christian communities to Holocaust denial, including tensions in the United States and in the Muslim world.

Credits: 3.00

HIS345

Sex/Society/Early Modern Era

Sex and Society in the Early Modern Era: This course explores the changing notions of sexuality and the family in European society between the fourteenth and the seventeenth centuries. This era of history witnessed the Renaissance, the Reformation of the church, the Scientific Revolution, overseas Exploration, and the Enlightenment – all of which greatly affected gender norms and sexual codes. Historians have recently begun to explore how definitions of masculinity and femininity evolved in tandem with other domains such as statecraft, medicine, technology, religion, commerce, aesthetics, and jurisprudence. Throughout this semester we will read and discuss both primary and secondary sources that address topics like sexuality and identity, illicit and licit sexual

acts, witchcraft, performance and travesty, pornography, patriarchy and morality, education and science.

GENERAL STUDIES CONNECTIONS GLOBAL HUMANITIES

Credits: 3.00

HIS352

African Diaspora

A majority of the persons who migrated to the Americas before 1800 came from Africa. Very few of them came willingly, but without their economic and cultural contributions the world we know today would not have come into being. The goal of this course is to begin to understand the experiences and achievements of these Africans and their descendants in four regions of the Atlantic world – Africa itself, Brazil, the West Indies and the Chesapeake – between the mid- 15th century and the revolutionary struggle for Haitian independence at the beginning of the 19th century. General Studies Connections-Global-Humanities

Credits: 3.00

HIS361

Early Middle Ages (500-1000)

After the decline of the Roman Empire, Western Europe entered into an era of turmoil, fragmentation, and invasion. Several generations of scholars dismissed this five hundred year time period as nothing more than the “Dark Ages.” But recently, more innovative historians have brought to light the dynamic religious, political, and cultural developments which preserved and formed a distinctive society in the west. In this course, we shall examine several themes that allow us to piece together this violent yet exciting period. Attention will be paid to why the Catholic Church emerged as the principal institution that unified the various people of Europe under a common faith and a pope in Rome. We will trace how early monarchs used different tactics to consolidate power in the territories that would become France, England and Germany. Much of our time together will also be dedicated to the exploration of how cultural identities became defined in law and in literature, and how people accommodated the waves of migration from the east and north. A final issue that we will consider is how and why Europe survived a succession of catastrophes and outside threats to emerge fairly stable, prosperous, and thriving intellectually by the year 1000. General Studies Connections-Humanities-Global

Credits: 3.00

HIS362

Later Middle Ages (1000-1500)

The year 1000 marked a turning point in the history of Western Civilization. Finally, Europe began to flourish economically, politically, and intellectually after centuries of chaos and turmoil. Throughout the semester, we shall trace issues such as the rise and fall of the Catholic Church’s influence, the centralization of papal authority, and the spiritual shift towards a “persecuting society.” We will examine the formation of national monarchies,

and the bureaucratic tools that contributed to the escalation of political power. These two powers (secular and spiritual) fought constantly for supreme sovereignty well into the early modern period, and they began to articulate early definitions of the separation of church and state. From a cultural perspective, this course will introduce students to the reality of romanticized topics such as the rise of the knights and courtly love, in addition to destructive events like the crusades, the Hundred Years War, and the Black Death. By closely reading primary sources, students will gain an appreciation of the institutional and social foundations of western society that were established in the later Middle Ages.

GENERAL STUDIES CONNECTIONS GLOBAL HUMANITIES

Credits: 3.00

HIS370

Early Mod Europe

What ties together the first use of knives and forks, witchcraft, coffeehouses, divine monarchs and the first electricity experiments? Europe's early modern period, extending from the end of the Renaissance to the beginning of the French Revolution in 1789. This era reflects the slow decline of certain notions of nobility and monarchy and the development of new ideas concerning science, rationality, and freedom, all of which will influence modern Europe to varying degrees. This course will examine several facets of this time period, including the rise of absolutism, early modern popular culture, mercantilism and the rise of slavery, and the Enlightenment and its challenges to the established order.

Credits: 3.00

HIS373

Holocaust

This course is designed to investigate the Holocaust, one of the most significant events in modern European history. To do so, the course will first consider the conditions within European society that led to the Final Solution. Among the themes included are: the role and image of the Jew in European society; the development of racial anti-Semitism in the 19th century; and the assimilation of the Jews in Western European societies. Although this course focuses primarily on the destruction of the European Jews, it cannot, however, be divorced from the history of Nazi Germany, nor can it ignore the plight and suffering of non-Jews who also experienced the concentration and extermination camps. Therefore, several other themes will be incorporated: Hitler's rise to power in Germany; the development and implementation of Nazi policy concerning the "enemies" of Nazism; life within the ghettos and concentration camps; issues of collaboration and resistance both in and outside Germany; the Nuremberg trials; and the legacy of Nazism in contemporary American and European society.

GENERAL STUDIES CONNECTIONS GLOBAL HUMANITIES

Credits: 3.00

HIS374

Germany since 1800

This course offers an introduction to major events and themes of modern German history. We will focus on continuities and ruptures in German society during the eras of the Second Empire, the Weimar Republic, National Socialism, the competing Republicans, and the (unified) Federal Republic of Germany. Major questions of the course will include the supposed "special path" to industrial and state formation; the impact of total war; the importance of confessional difference in culture and society; the effects of economic and political crisis; the emergence of the "New Woman"; the nature of Nazi dictatorship; the conditions of genocide; the development of democracy; the German "economic miracle"; the East-German state; and the social and political consequences of German unification. GENERAL STUDIES CONNECTIONS-HUMANITIES- GLOBAL
Credits: 3.00

HIS375

France since 1789

This course is designed as a survey of the major political, social and cultural events and trends that define the trajectory of modern French history from the French Revolution to the present. Two essential problems have defined the broad trajectory of the French history in the 19th and 20th centuries: first, how to deal with the legacy of the Great French Revolution of 1789-1794 and how to deal with the explosive social tensions that industrialization generates. These issues also affect matters of national identity, class conflict, the proper relation between the society and the individual and the role society (through the state) in regulating economic activity. History can serve as an interesting lens through which to examine these problems because, like other nations, France responded to these problems in its own way, which included five republics, four kings, two emperors, two world wars and one Fascist regime. GENERAL STUDIES CONNECTIONS-HUMANITIES-GLOBAL
Credits: 3.00

HIS381

Adv Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.
Credits: 3.00

HIS382

Inter Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration coursework.
Credits: 3.00

HIS383

Advanced Special Topics Advanced Special Topics

Credits: 3.00

HIS391

Space

This year marks the fiftieth anniversary of the first human spacewalk outside a spacecraft and of the first human-built Probe to hit another planet (Venera on Venus). This synthesis course will provide you with an overview of the history, politics and cultural significance of the space programs undertaken thus far. We shall frame this effort in the context of the Cold War and the global interest in space. Topics will include the astronautical pioneers of the turn of the century, popular fascination with the moon, the German rocket program up to and during World War II, the moon race, the European path to space, space business, and the appearance of new space faring nations. This course does not require any prior knowledge about space. Because it is a Synthesis course it calls on you to engage in critical and creative thinking. One particular goal is to adapt knowledge and skills from other components of the general education curriculum as well as your own major(s) to answer some of the questions raised. By comparing different fields through readings as well as class discussion, you will be expected to interpret and convey information.

Credits: 3.00

HIS392

The Nuclear Age

This course offers an examination of the atomic age through three prisms: historical, political, and cultural. Through the reading of primary documents and secondary texts, we will look at the circumstances in physics and international affairs that prompted the development of nuclear power. We shall also look at the impact of the bomb on international relations. We will consider examples of nuclear diplomacy, including the Cuban Missile Crisis, and their implications for the control of the spread of nuclear weapons. We will also treat the European and American peace movements of the 1970s and 1980s. Finally, we shall consider the cultural impact of the bomb through a selection of cinematic pieces and discuss the future of peaceful uses of nuclear energy.

Credits: 3.00

HIS481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.

Credits: 3.00

HIS482

Adv Internship

Internships at this level involve a great degree of responsibility and involvement. Enrollment requires the student to have completed extensive course work in an area of concentration.

Credits: 3.00

HIS493

Seminar-US Topics

The Seminar will be devoted to topics in United States history.

Credits: 3.00

HIS494

Seminar-European Topics

The Seminar will be devoted to topics in European history. Credits: 3.00

HIS495

Seminar-World Topics

The Seminar will be devoted to topics in World history.

Credits: 3.00

HISJ24

Drama American Past

This class will use all the tools of theatre - speaking, acting, improvisation, dance, music, movement, playwriting, stagecraft - to bring to life primary sources from American history and to re-embody the motives and choices of individuals engaged in momentous encounters. General Studies Connections-Humanities

Credits: 3.00

Latin

LAT101

Latin and Roman Culture

What was lifelike in ancient Rome? How did people from around the ancient Mediterranean world learn and express themselves in Latin, the language of the Roman empire? This course explores these questions and is designed for those who have little or no exposure to Latin. It covers basic grammar and vocabulary, as well as focuses on the historical and cultural contexts of the Latin language within the ancient Roman world. Instruction is in English and emphasizes English translation of Latin text (primary sources) and analysis through scholarship (secondary sources).

FOUNDATIONS-WORLD CULTURES

Credits: 3.00

LAT102

Latin and Its Legacy

What is the impact of Latin on the Languages, cultures, and sciences of the Western world? How did people use Latin as a “common tongue” and Roman culture as a passport to education, politics, and religion? This course explores these questions and is designed for those who have some limited exposure to Latin and/or Roman culture. It continues the study of basic grammar and vocabulary, as well as focusing on the cultural and historical contexts of the Latin language within the world after antiquity.

Instruction is in English and emphasizes English translation of Latin text (primary sources) and analysis through scholarship (secondary sources).

FOUNDATIONS-HUMANITIES

Prerequisite: LAT101 or LAT101 or LAT102 Language Placement

Credits: 3.00

LAT201

Intermediate Latin I

Completion of the study of Latin grammar and syntax with emphasis on the reading of Latin prose, particularly Cicero's orations.

Prerequisite: LAT102 or LAT102 or LAT201 Language Placement

Credits: 3.00

LAT202

Lit/Golden Age

Intensive reading in Latin of the literature of The Golden Age, particularly the lyric poetry of Catullus and Horace, Vergil's Aeneid, and Vergil's Eclogues. Particular emphasis in the study of the development of literary genres (general studies literature).

Prerequisite: LAT202 Language Placement

Credits: 3.00

Mathematics

MAT102

Topics in Mathematics

This course provides a general survey of mathematical topics that are useful in various fields of study. Topics include set theory and logical operators; topics in number theory including integers, prime numbers, rational versus irrational numbers and exponents; graph theory including Euler circuits, Hamiltonian circuits and search algorithms; and topics in interest rate theory. Prerequisite: MAT131 OR 132

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00

MAT103

Topics in Math w/ Applications to Music

This course is an interdisciplinary survey of mathematical topics that are useful in a variety of fields with special emphasis given to connections between mathematics and music.

Mathematical topics may include but are not limited to set theory, logic, linear vs. exponential growth/decay, logarithms, financial mathematics, voting theory, apportionment, groups, and graph theory. Topics related to music may include but are not limited to rhythm, Pythagorean tuning, just intonation, equal temperament, harmonic series, overtone series and the physics of sound.

Credits: 3.00

MAT110

Elementary Statistics

This course gives students a general overview of modern statistics. Topics include - organization of data; probability and probability distributions; measures of central tendency and variability; normal distributions; sampling; hypothesis testing; correlation and regression. A TI-89 graphing calculator is highly recommended.

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00

MAT120

Precalculus Mathematics

A review of algebra and trigonometry intended to be taken before Calculus by those students whose background in algebra and trigonometry is insufficient. The major emphasis will be on the function concept. Elementary analytic geometry will be discussed, along with the algebra and composition of functions, inverse functions, trigonometry, and logarithmic and exponential functions.

Prerequisite: MAT131 OR 132

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00

MAT125

Calculus with Business/Economics Apps

Designed as a one-semester course for concentrators in accounting, business administration or economics, topics such as linear functions and models; matrices and matrix algebra; linear systems; functions and graphs; derivatives and integrals; and extremization will be included. Partial differentiation also will be introduced.

Prerequisite: MAT131 OR 132

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00

MAT128

Calculus with Algebra & Trigonometry A

This course studies fundamental concepts of functions of one variable. Topics include - limits, continuity, and differentiation. Algebra and Trigonometry will be reviewed in the beginning and throughout the course.

MAT128 and MAT129 are together equivalent to MAT120-Pre-Calculus and MAT131-Calculus I.

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 4.00

MAT129

Calculus with Algebra & Trigonometry B

This course is a continuation of MAT128. Topics include a review of derivatives, derivative applications, curve sketching, related rates, maxima-minima problems, indefinite integration, definite integration, the fundamental theorem of Calculus, and the substitution method. Algebra and Trigonometry will be reviewed throughout the course.

MAT128 and MAT129 are together equivalent to MAT120-Pre-Calculus and MAT131-Calculus I.

Prerequisite: MAT128

Credits: 4.00

MAT131

Calculus & Analytic Geometry I

Fundamental concepts of functions of one variable. Topics include: limits, continuity differentiability, derivative applications, curve stretching, related rates, and maxima-minima problems. Introduction to indefinite and definite integration including the fundamental theorems and numeric approximation techniques are also covered. This is normally the first math course taken by students entering a math or math-related curriculum.

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 4.00

MAT132

Calculus & Analytic Geometry II

Continuation of Calculus I. Topics include transcendental functions, applications of integration including volumes, surface areas, arc length and work. Also covered are integration techniques, indeterminate forms, improper integrals, sequences and series, and Taylor's theorem. Prerequisite: C- or higher in MAT 131

Credits: 4.00

MAT233

Calculus & Analytical Geometry III

Continuation of Calculus II. Topics include sequences and infinite series, polar coordinates, parametric representation, vectors, analysis of functions of two (or more) variables, multiple integrations, and line integrals. Normally taken by mathematics

concentrators in the first semester of sophomore year.

Prerequisite: MAT 132

Credits: 4.00

MAT250

Foundations of Mathematics

An introduction to abstract mathematics. Topics include symbolic logic, methods of proof (direct, contradiction and induction), set theory, relations, countable and uncountable sets. Normally taken by mathematics concentrators the first semester of their sophomore year. Prerequisite: MAT 132 or permission

Credits: 4.00

MAT300

Discrete Mathematics

Course Description: In this course students will study counting and finite structures. Topics from combinatorics include permutations and combinations, binomial and multinomial coefficients, recursion, generating functions, and the twelvefold way. Topics from graph theory include graphs, trees, Eulerian and Hamiltonian cycles, planarity, and coloring. Additional topics may include but are not limited to Catalan numbers, Sterling numbers, partitions, Ramsey theory, Latin squares, design theory, and coding theory. Proof techniques, especially proof by induction, will be used throughout the course.

Prerequisite: MAT250

Credits: 3.00

MAT310

Probability & Math Statistics

An introduction to probability and mathematical statistics at the level presupposing a knowledge of calculus. Descriptive and inferential statistics are included. Hypothesis testing, estimation, and analysis of variance will be discussed.

Prerequisite: 132, 250 or permission of the department

Credits: 3.00

MAT320

Linear Algebra

This course is an introduction to matrix algebra, linear equations, linear independence, determinants, vector spaces, linear transformations, eigenvalues, eigenvectors, and diagonalization.

Prerequisites: MAT 132 or permission of the department.

Credits: 3.00

MAT325

Abstract Algebra

An introduction to groups with topics selected from number theory, rings, fields, ideals,

and polynomial rings.

Prerequisite: MAT250

Credits: 3.00

MAT334

Differential Equations

A study of solution techniques for ordinary differential equations. Topics include the principal types of equations of first and second order, linear equations with constant coefficient, higher order linear and non-linear equations, series solutions, operational methods, systems of equations and modeling problems. Runge-Kutta and other numerical approximation methods are also covered.

Prerequisite: MAT 233, MAT320

Credits: 3.00

MAT340

Geometry

This course is intended primarily for those students planning to enter the field of secondary education. It begins with a study of the most important ideas of Euclidean plane geometry, but also considers the historical significance of Euclid's original postulates. Special attention is given to the notion of parallelism of lines and the resulting non-Euclidean geometries when the axiom of parallelism is altered. Differential geometry also is introduced as a means of studying curves, surfaces and curves on surfaces.

Prerequisites: MAT 233 and 250 or permission of the department

Credits: 4.00

MAT360

Numerical Analysis

A study of numerical methods used in interpolation, differentiation and integration, solutions of equations and systems of equations, solutions of differential equations, fitting of empirical data and error estimation. Some computer or calculator programming will be employed and a basic level of programming is assumed. Applications are made to the sciences and engineering. Prerequisite: MAT 233, 250 or permission of the department

Credits: 4.00

MAT431

Real Analysis

This course is designed to take a rigorous look at definitions, theorems and concepts taken from the foundational calculus courses. Rigorous treatment is given to topics such as continuity, mean-value theorems, analysis of functions of several variables, extremization and limits. Other topics include sequences, series, the Heine-Borel covering theorem and the Riemann Integral. Prerequisites: MAT233, MAT250.

Credits: 3.00

MAT435

Partial Differential Equations

Orthogonal functions; Sturm-Liouville system; initial and boundary value problems; Fourier series; higher transcendental functions; separation-of-variables method; and other methods of solution of equations of mathematical physics. Prerequisite: MAT 233, 250, 334 or permission of the department

Credits: 3.00

MAT438

Complex Analysis

An introduction to the theory of functions of complex variables: derivatives and integrals; Cauchy's theorem; power series; theory of residues; and conformal mappings.

Prerequisite: MAT 233, 250 or permission of the department

Credits: 3.00

MAT440

Topology

This course introduces definitions and properties of topological spaces, metric spaces, continuity, homeomorphisms, separation axioms, compactness, connectedness, and fundamental group.

Prerequisite: MAT233 or MAT233

Credits: 3.00

MAT491

Senior Seminar

A seminar on topics selected by the course instructor in which independent learning is stressed. The student will be expected to present both oral and written reports on topics covered in the seminar.

Credits: 3.00

Medical Lab Science

MLS401

Clinical Exper Medical Lab Science I

First semester clinical experience in medical laboratory science in a hospital setting.

Credits: 3.00

MLS402

Clinical Exp Medical Lab Science II

Second semester clinical experience in medical laboratory science in a hospital setting.

Prerequisite: MLS401

Credits: 3.00

MLS410

Chemistry

Analysis of human fluids for diagnostic purposes and supportive medical care.

Credits: 3.00

MLS411

Urinalysis

Study of the chemical and microscopic elements of urine.

Credits: .50

MLS412

Coagulation

Study of systems involved in the coagulation of blood, detection of deficiencies in those systems, and control of anticoagulant therapies.

Credits: .50

MLS413

Hematology

Study of the origin, development, normal, and abnormal morphology, functions, and reaction of blood cells.

Credits: 3.00

MLS414

Immunohematology

Study of processing, storage, and administration of human blood and its components (also called Transfusion Services).

Credits: 3.00

MLS415

Microbiology

Study of pathogenic bacteria, mycobacteria, parasites, viruses, and fungi, their rapid and exact identification, and antibiotic susceptibilities.

Credits: 3.00

MLS416

Serology

In-vitro study of antigen-antibody interactions; science of immunity and study of the in-vitro development of antibody against specific foreign antigen.

Credits: 3.00

MLS417

Clinical Seminar

Orientation to the Medical Laboratory, Phlebotomy, Medical Terminology, lectures and activities in Education, Laboratory Computerization, Management, Laboratory Safety, Continuous Quality Improvement, Total Quality Management (CQI & TQM), medical ethics, professionalism, cultural diversity and other relevant topics.

Credits: 3.00

MLS418

Anatomic Pathology

Students spend time in Cytology, Histology and Pathology as an enrichment experience. The brief overview of basic techniques associated with these departments affords the students the ability to see how the clinical and anatomic laboratories equally contribute to the care of the patient.

Credits: .00

Music

MUS103

Symphonic Band

Section A: Symphonic Band

The Symphonic Band rehearses at least twice weekly and performs at least one concert per semester. The band experience includes classic and contemporary band literature and often features guest artists. Numerous ensembles are formed from among band members, providing additional instruction and performance opportunities. Students wishing to participate in Symphonic Band as a non-credited course must fulfill credited class requirements and have permission from the director.

Section B: Chamber Winds

The Chamber Winds, for the advanced instrumentalist, rehearses twice weekly and performs two concerts per semester. Participation is by audition. The music performed is advanced traditional and classic wind ensemble literature, often featuring guest artists. Students wishing to participate in Chamber Winds, as a non-credited course, must fulfill credited class requirements and have the permission of the director.

Section C: Jazz Ensemble

The Jazz Ensemble rehearses twice weekly and performs at least one concert per semester. This group focuses on jazz style, performing music representative of many eras of jazz history, with emphasis on swing and improvisation. The band performs contemporary arrangements as well as classic tunes from the jazz repertoire, giving attention to proper performance techniques. Participation is by audition. The music performed is advanced traditional and classic wind ensemble literature, often featuring guest artists. Membership is determined by audition. Students wishing to participate as a

non-credited course must fulfill credited class requirements and have permission from the director.

FOUNDATIONS FINE ARTS

Credits: .00

MUS103B

Commercial Music Ensemble

The Commercial Music Ensemble rehearses weekly and performs at least one concert per semester. This group focuses on a variety of commercial and popular music styles, performing music representative of many eras, with emphasis on small combos. Students will have opportunities to rehearse and perform their original material, as well as arrangements and covers of contemporary and classic repertoire. Membership and placement are determined by audition; and all instruments and voices are welcome to participate. Students wishing to participate in Commercial Music Ensemble as a non-credited course must fulfill credited class requirements and have permission of the director.

Credits: .00

MUS103C

Jazz Combos

The Jazz Combos rehearse weekly and performs at least one concert per semester. These groups focus on a variety of jazz styles, performing music representative of many eras of jazz history, with emphasis on small ensemble performance and improvisation. The bands perform contemporary as well as classic tunes from the jazz repertoire, with attention to proper performance techniques. Membership and placement are determined by audition. Students wishing to participate in a Jazz Combo as a non-credited course must fulfill credited class requirements and have permission of the director.

Credits: .00

MUS103D

Rap Collective

The Albright Rap Collective (ARC) is a multidisciplinary workshop consisting of rappers, producers (beatmakers), visual artists, and dancers. Members of the group meet three times a week, developing skills in their respective areas of practice through creative workshops, peer review sessions, critical listening sessions, and performance preparation. ARC performs original compositions, as well as repertoire from the history of hip-hop from the late 1970s and early 80s to the present. Each semester, the group will perform at two to three on- and off- campus events. Membership in the group requires weekly participation in Lion Records meetings. Students wishing to participate in this ensemble as a non-credited course must fulfill credited class requirements and have permission from the director.

Credits: .00

MUS104

String Orchestra

The Chamber Orchestra consists of string players from the College and surrounding community. This group rehearses twice a week and performs at least once each semester. Music ranges from the Baroque era to popular contemporary. Smaller string ensembles are formed from the larger group, providing experience in chamber music performance. Students wishing to participate in the orchestra as a non-credited course must fulfill credited class requirements and have permission of the director. Students received one course unit of credit upon completion of six semesters. For non-concentrators, this fulfills the General Studies Fine Arts requirement.

FOUNDATIONS-FINE ARTS

Credits: .00

MUS105A

Albright Chorale

The Albright Chorale rehearses twice weekly in preparation for various on-campus programs. The choir experience includes choral literature from chant through the present, giving all members opportunity for personal vocal development through a variety of choral traditions. Membership is determined by audition. Students wishing to participate in the Albright Chorale as a non-credited course must fulfill credited class requirements and have permission of the director.

Credits: .00

MUS105B

Women's Chorale

Credits: .00

MUS105C

Spiritual Ensemble

The Albright Spiritual Ensemble rehearses weekly and performs at least one concert per semester. This group focuses on a variety of traditional and popular music styles, performing music representative of many eras, with emphasis on African American sacred and worship music traditions including spirituals, hymns, anthems, and gospel music. Membership is determined by audition and all instruments and voices are welcome to participate. Students wishing to participate in the Albright Spiritual Ensemble as a non-credited course must fulfill credited class requirements and have permission of the director.

Lessons/lab fee is charged.

Credits: .00

MUS109A Lessons/Voice

Equivalent to one-quarter unit for a one half hour private lesson per week per semester. This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course. Students are expected to spend three hours per week in outside preparation and to

advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109B

Lessons/Piano

Equivalent to one-quarter unit for a one half hour private lesson per week per semester. This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course. Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109C

Lessons/Guitar

Equivalent to one-quarter unit for a one half hour private lesson per week per semester. This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course. Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109D

Lessons/Conducting

Lab fee is charged.

Credits: .00

MUS109E

Lessons/Percussion

Lab fee is charged.

Credits: .00

MUS109F

Lessons/Organ

Equivalent to one-quarter unit for a one half hour private lesson per week per semester. This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course. Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109G

Lessons/Woodwinds

Equivalent to one-quarter unit for a one half hour private lesson per week per semester. This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course. Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109H

Lessons/Strings

Equivalent to one-quarter unit for a one half hour private lesson per week per semester. This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course. Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109J

Lessons/Brass

Credits: .00

MUS109K

Lessons/Production

lab fee is charged.

Credits: .00

MUS109L

Lessons/Entrepreneurship

Equivalent to one-quarter unit for a one half hour private lesson per week per semester.

This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course.

Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109M

Lessons/App Theory & Improv

Equivalent to one-quarter unit for a one half hour private lesson per week per semester.

This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course.

Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109N

Lessons/Misc

Equivalent to one-quarter unit for a one half hour private lesson per week per semester.

This applied music credit cannot be used to satisfy the general studies requirement. The course may be repeated. Four applied music semesters will count as one elective course.

Students are expected to spend three hours per week in outside preparation and to advance according to the level of their ability. Students registering for any section of Music 109 are automatically placed with a teacher who will contact them to arrange a lesson time. Students wishing to take lessons without academic credit must fulfill credited lesson requirements. See the department chair for details. An additional music lab fee is charged.

Credits: .00

MUS109O

Lessons/Music CompositionMUS111 Introduction to Musicianship

Introduction to Musicianship introduces students to the basic tools and techniques of contemporary music through a blend of applied music making, music appreciation, and music theory. Theoretical instruction emphasizes music literacy and appreciation; understanding of music notation across print and digital formats; and the design, categorization, and application of musical instruments across genres. Ensemble application may include ensemble singing, keyboard skills, guitar, percussion, and/or creating music using software applications. Assessment is primarily on skills competency. Specific application varies by instructor. Satisfies Foundations Fine Arts General Education requirement.

Credits: 3.00

MUS113

Popular Music & American Culture

This course explores the genesis of popular music in English-speaking North America from the colonial period to the present, with emphasis on the period beginning in the 1890s just before the breakout of jazz, to the present-day multi-billion dollar industry of rock, pop, R&B, rap/hip-hop, country, dance/electronica, and the emergent world styles that also form part of the evolving contemporary American musical scene. Lectures will place equal emphasis on the musical styles themselves, and their social context, including the role of composers, audiences, promoters, money, and music industry organizations. Lectures and discussion will be enlivened by diverse music listening experiences. Films and film excerpts showing the influence of popular music in the movies will be viewed and discussed. FOUNDATIONS-FINE ARTS

Credits: 3.00

MUS120

Listen to Musical Worlds

Through an inclusive overview of global music history, this course focuses on how musicians shape and are shaped by the social, political, and artistic worlds around them. Students will practice fundamental musical concepts and critical listening skills via a diverse range of eras, genres, and traditions; and class discussions and projects will provide students with opportunities to apply interdisciplinary and liberal arts approaches to the study of music and culture. In addition to exploring musicality, major historical developments, and music's importance in cultures around the world, students will also discuss how music performance and the academic study of music can relate to a liberal arts education and everyday life more broadly. Concert attendance and listening assignments are also part of the course experience. FOUNDATIONS-FINE ARTS

Credits: 3.00

MUS121

Black Popular Music

This course surveys, investigates, & analyzes black popular music from the 19th century

to the present. Through critical listening habits & analytical thinking skills, students will explore black popular culture as means of expression, communication, & collective identity, attending to issues of representation, identity, values, & aesthetics through a wide range of interdisciplinary sources & methodologies. This course material will emphasize intersections of creativity, technology, & performance, along with the impact of music industry, audience reception, & cultural politics. In addition to daily exercises, students will complete discussion forums in which they will apply critical thinking to synthesize material, complete comparative analyses, relate individual lessons to key course themes, & connect the curriculum to their own experiences & musical listening practices.

FOUNDATIONS-HUMANITIES

Credits: 3.00

MUS122

Music in World Cultures

A grand tour of the musical styles of the world's large culture regions: sub-Saharan Africa, the Middle East and the Islamic world, South Asia, Southeast Asia, the Pacific, East Asia, Amerindia, and the Western world. Students are introduced to basic musical concepts with emphasis on understanding musical instrument types and their characteristic sounds. GENERAL STUDIES FOUNDATIONS-FINE ARTS

Credits: 3.00

MUS125

Jazz Past, Present, and Futures

The popularity and successes of rapper Kendrick Lamar and filmmaker Damien Chazelle point to the continued relevance of jazz music 100 years after it emerged from a multicultural blend of musicians in the southern United States. This course examines the well-known figures, forgotten masters, and socio-cultural impacts of what some call "America's classical music." Adopting an interdisciplinary framework, students will learn a deep appreciation for jazz, its continued presence in today's popular music and society, and its importance as an influential and progressive element of African American, diasporic, and global musical cultures. Students will practice musical concepts and analytic listening through in-class demonstrations and exercises.

FOUNDATIONS-FINE ARTS

Credits: 3.00

MUS126

Music & Cinema

An introduction to the role of music in cinema, with emphasis on North American films between the 1930s and the present. Students will learn how music aids in the creation of mood, atmosphere, and characterization in films. Special topics include music in the silent film era, musicals, science fiction and horror films, the role of women as subjects and creators in modern cinema, music in the avant-garde and experimental cinema, popular music, rock, and rap in film soundtracks, and music in selected non-Western film

industries. Films to be discussed include classics such as Star Wars, The Godfather, and Casablanca, as well as popular recent releases. FOUNDATIONS-FINE ARTS
Credits: 3.00

MUS135

Introduction to Music Theory

An introduction to the basic concepts and applications of music theory. Topics will include pitch notation, scales, key signatures, intervals, chords and simple harmonization, and rhythmic notation. These skills will also help vocalists and instrumentalists improve their general musicianship as well as prepare students for continuing study in upper-level theory, music history and composition courses.

FOUNDATIONS-FINE ARTS

Credits: 3.00

MUS170

Music Theory and Aural Skills I

This half-course is the first part of a yearlong study into the theoretical and applied skills in music that offers students the opportunity to integrate aural, performance, analytical, and composition skills involving diatonic melody and harmony. Both MUS160 and its companion course, MUS161: Music Theory and Aural Skills II, integrate lecture/discussions on topics of music theory with a weekly aural skills lab. The first semester begins with a focus on the basic concepts of music notation (including scales, intervals, key signatures, triads and rhythmic notation) along with the practical skills of sight singing, rhythmic reading, and dictation.

Credits: .50

MUS171

Music Theory and Aural Skills II

This half-course serves as the second part of a yearlong study into the theoretical and applied skills in music that offers students the opportunity to integrate aural, performance, analytical, and composition skills involving diatonic melody and harmony. Like MUS160, MUS161: Music Theory and Aural Skills integrate lecture/discussions on topics of music theory with a weekly aural skills lab. This course develops skills introduced in the first half moving forward onto concepts of form, seventh chords, chromaticism, advanced aural skills, keyboard harmony, and harmonic dictation again with a weekly applied lab component to test the skills being introduced. Note: MUS160 is a pre-requisite course for MUS161. Students must pass MUS 160 with a grade of C or better in order move on to MUS161.

Prerequisite: MUS160

Credits: .50

MUS183

Introductory Special Topics Introductory Special Topics

Credits: 3.00

MUS201

Latin Am Music

Latin music is a rapidly rising phenomenon. This course will explore the roots and evolution of Latin musical styles from their origins in the Catholic cultures of southwestern Europe and its mixing with Native American and African cultures in the colonial Americas beginning in the 15th century. Our main focus will be the urban popular musical styles that emerge in the late 19th century, and which develop into the famous regional styles of Argentine tango, Brazilian samba, Cuban son and salsa, Dominican merengue, Mexican rancheros and baladas, and many others, over the course of the 20th century. We will also consider the roles the Latin regions have had in other styles such as jazz, classical music, rock&roll, and rap. We will assess the varying degrees of success Latin sounds are having in the major world musical markets today.

Credits: 3.00

MUS203B

Studio Band

The Studio Band rehearses weekly and performs at least one concert per semester. This group focuses on a variety of commercial and popular music styles, performing music representative of many eras, with emphasis on small ensemble work. Students will have opportunities to rehearse and perform arrangements and covers of contemporary and classic repertoire. Membership is determined by audition, and all instruments and voices are welcome to participate. Students wishing to participate in Studio Band as a non-credited course must fulfill credited class requirements and have permission of the director.

Credits: .00

MUS205

Albright Chamber Ensemble

The A Cappella Ensemble is Albright's premiere choral group. This ensemble is designed to provide the highest level of musical experience and achievement to a select number of students, chosen by audition. Repertoire for this ensemble includes all styles, eras, and genres, including repertoire written for traditional chamber choir, pop, renaissance ensemble, Americana, folk, non-western traditions, new works, and beyond. The ensemble rehearses weekly after MUS 105A Concert Choir and 105B Women's Chorale and performs on and off campus in regular concerts, high school outreach events, and during an annual spring tour. This is a Q/NQ non-credited course. Note: Participation in MUS 205 necessitates active participation in either MUS 105A Concert Choir or MUS 105B Women's Chorale.

Credits: .00

MUS205A

Albright Chamber Singers

Leo Chorum is the premiere soprano-alto choral ensemble on campus. It, along with

Roaring Lions, is designed to provide the highest level of musical experience and achievement to a select number of students, chosen by audition. Repertoire for this ensemble includes all styles, eras, and genres, including repertoire written for traditional chamber choir, pop, renaissance ensemble, Americana, folk, non-western traditions, new works, and beyond. The ensemble rehearses weekly and performs on and off campus in regular concerts, high school outreach events, and during an annual spring tour. This is a Q/NQ non-credited course. Note: Participation in MUS 205A Leo Chorum necessitates active participation in MUS 105A Lion Chorale.
Credits: .00

MUS205B

Roaring Lions

Roaring Lions is the premiere tenor-bass choral ensemble on campus. It, along with Leo Chorum, is designed to provide the highest level of musical experience and achievement to a select number of students, chosen by audition. Repertoire for this ensemble includes all styles, eras, and genres, including repertoire written for traditional chamber choir, pop, renaissance ensemble, Americana, folk, non-western traditions, new works, and beyond. The ensemble rehearses weekly and performs on and off campus in regular concerts, high school outreach events, and during an annual spring tour. This is a Q/NQ non-credited course. Note: Participation in MUS 205B Roaring Lions necessitates active participation in MUS 105A Lion Chorale.
Credits: .00

MUS209

Applied Lessons for MUS Majors

departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies
Credits: .00

MUS209A

Lessons/Voice

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209

requires the approval of the Director of Music Industry Studies

Credits: .00

MUS209B

Lessons/Piano

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies

Credits: .00

MUS209C

Lessons/Guitar

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully

MUS209D

Lessons/Conducting

departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies

Credits: .00

MUS209E

Lessons/Percussion

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific

ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies
Credits: .00

MUS209F

Lessons/Organ

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies
Credits: .00

MUS209G

Lessons/Woodwind

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully

MUS209H

Lessons/String

departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies
Credits: .00

MUS209J

Lessons/Brass

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly

"practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies

Credits: .00

MUS209K

Lessons/Production

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies

Credits: .00

MUS209L

Lessons/Entrepreneurship

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully

MUS209M

Lessons/Applied Theory & Improv departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies

Credits: .00

MUS209N

Lessons/Misc

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice

per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies
Credits: .00

MUS209O

Lessons/Composition

This repeatable course -- designed for full Music Industry Studies majors only -- is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 209 students will receive one course unit of credit toward completion of their degree program after successfully completing four semesters of MUS 209 and their respective ensemble. Similar to MUS 109, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students participating in MUS 209, that weekly "practice" includes active participation in one of the various departmental music ensembles (MUS 103A, 103B, 103C, 103D, 104A, 105A, or 105B). Entrance into a specific ensemble is at the discretion of the instructor leading each ensemble. The grade for each semester is determined by a jury performance evaluation. NOTE: Enrollment in MUS 209 requires the approval of the Director of Music Industry Studies
Credits: .00

MUS211

Commercial Music Theory I

This course focuses on the application of musical theory, tonal harmony, ear training, sight- singing, and dictation to the study of commercial popular music. Students increase their ability to read, write, and understand commercial popular music according to prescribed guidelines of musical structure through skills obtained by examining and practicing the musical elements of intervals, scales, chord construction, songwriting, and melodic and rhythmic sight-singing and dictation. Prerequisite: MUS 111 (may be exempted by placement exam)
Credits: 3.00

MUS212

Commercial Music Theory II

A continuation of MUS211, this course expands upon the musical elements previously studied and includes the use of modulation, syncopation, seventh and ninth chords, orchestration, and harmonic analysis. Individual student projects are oriented towards analysis, songwriting, and arranging. The course also includes further development of aural skills introduced in the previous semester. Prerequisite: MUS 211 (may be exempted by placement exam)

Credits: 3.00

MUS243

The Business of Music

This course will introduce students to the business aspects of the music industry, including marketing and promotion, copyright law, publishing, contracts, licensing, management, concert promotion and production. Today's musicians must be equally versed as businesspeople to find or create careers in music. This course will provide a detailed introduction to diverse topics in the music business field. Students will learn skills and attain knowledge to help them succeed as a musician beyond performing.

Credits: 3.00

MUS244

Entertainment Marketing

This course introduces key marketing principles, terms, and practices in relation to the broad entertainment industry. Students will develop an integrated approach to entertainment marketing in the focus areas of licensing, press, retail, distribution (online and traditional), radio, advertising, merchandising, and touring. The information of this course will be used to engage in experiential learning opportunities with on campus artists (producers, actors, musicians, etc.) that will culminate in the distribution of content such as one-sheets, electronic press kits, style guides, and complete marketing strategies.

\$75 Course Fee

Credits: 3.00

MUS250

Introduction to Music Technology

This course offers students an introduction to the principles of music technology. Topics include basic recording techniques, live sound reinforcement, MIDI sequencing, microphone types, signal flow, equalization methods, and other types of signal processing. Students will gain an introductory knowledge of the Avid Pro Tools and Ableton Live digital audio workstation software.

Credits: 3.00

MUS251

Recording Technology

This course develops many of the foundational skills introduced in MUS 250 with a focus on intermediate and advanced recording studio techniques. The course covers the history, tools, and techniques of music recording technology. Class lectures will be paired with hands-on use of professional technology as the student learns recording systems, signal flow, and advanced mixing techniques. The emphasis of this course is on creative musical projects using professional recording and mixing tools in a production environment. Enrollment in MUS251 includes a \$60 course fee which covers the purchase of Avid's Pro Tools 110: Pro Tools Fundamentals II eBook, as well as two attempts to complete the PT110 certification exam. Prerequisite: MUS250 or MUS240

Credits: 3.00

MUS270

Vocal Anatomy and Physiology

This half-course offers an introduction to the anatomic, physiologic, and acoustic elements of the human voice while speaking and singing (breathing, phonating, and articulating). Listening exercises, written analysis, and discussions are augmented with computer-based singing technology that incorporates acoustical analysis of sound. Note: Active participation in the weekly Vocal Performance Studio serves as the lab component for this course.

Credits: .50

MUS271

Diction and Phonetics

This half-course offers an introduction into the articulatory functions of the human voice while singing and speaking in English. This study will be framed through use of the International Phonetic Alphabet (IPA), a system identifying each individual sound in speech which serves as the standard tool for proper pronunciation in all languages. Students will gain the essential knowledge of pronunciation necessary for enhancing their appreciation of vocal art, their own performance practice, and their ongoing music and/or language studies. Note: Active participation in the weekly Vocal Performance Studio serves as the lab component for this course.

Credits: .50

MUS275

Healing Effects/Mus

This course examines the beneficial effects of music on the human mind and body. Students who have an interest in the relationship between the music and health will explore the varied uses of music therapy, both within and without mainstream medical practices, educational institutions, correctional facilities, senior centers and private practice. This will be accomplished through a combination of course materials, guest speakers, research and field observations.

Credits: 3.00

MUS281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

MUS282

Intro Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of

internship require the student to have completed at least introductory concentration coursework.

Credits: 3.00

MUS283

Intermediate Special Topics Intermediate Special Topics

Credits: 3.00

MUS284

Popular Music & Digital Culture

This course explores the interrelationships between commercial popular music and digital culture in the late twentieth and early twenty-first centuries. Students will explore issues such as gender and identity in popular music, the remix as cultural practice, the politics of digital sampling, hip-hop and dance music in Post-Ferguson America, the relationship between music and interactive media such as video games, and globalization in the age of cloud computing. By combining critical listening skills with original research and writing, students will engage core debates within popular music and digital media studies. GENERAL STUDIES CONNECTIONS-GLOBAL HUMANITIES

Credits: 3.00

MUS287

History of the American Musical

This course engages in a panoramic view of the American Century through the lens of one of its most inimitable creations -- the Broadway Musical. From this vantage point we examine compelling connections between the historic and artistic development of this quintessentially American of all art forms with the socio-economic, cultural, political, and technological advances that fueled its' inception, zenith, decline, and contemporary rebirth. Throughout our journey, students will develop a strong, interdisciplinary arts vocabulary of elements, theories, and practices that will enable us to hone a keen appreciation for the collaborative process involved of "putting together" a musical theatre work for the live commercial stage. With our skills finely tuned, we will then focus our learned attention toward a capstone project aimed at helping us predict Broadway's future marketplace and cultural impact. General Studies Connections

Credits: 3.00

MUS309

Applied Lessons for Vocal Perform Co-Maj

This repeatable course — designed for Vocal Performance co-majors — is comprised of (12) one-half hour private lessons offered once a week during a given semester. MUS 309 students will receive one course unit of credit toward completion of their degree program after successfully completing six semesters of MUS 309. Similar to MUS 109 and MUS 209, there is an expectation of 3 hours of practice per week in order to advance skill sets. For students

participating in MUS 309, that weekly "practice" includes active participation in our

weekly Vocal Performance Studio. The grade for each semester of MUS309 is determined by a jury performance evaluation. NOTE: Enrollment in MUS 309 is by the approval of the Director of the Vocal Performance Program Only.

Credits: .00

MUS311

Commercial Arranging

This course teaches and develops skills necessary to arrange vocal and instrumental ensembles for a variety of popular genres from a technical, theoretical, and historical perspective. Through the examination of popular songs for their use instrumentation and arrangement, students will learn to compose idiomatically for a variety of instruments and to effectively arrange these instruments together in an ensemble. Prerequisite: MUS 212

Credits: 3.00

MUS312

Songwriting

This course will introduce students to the craft of songwriting. Students will study specifics of song structure and analyze different musical styles: Tin Pan Alley, Blues Greats, The Beatles, Bob Dylan, Motown, John Mayer, Hip-hop and beyond. The course will also combine the study of lyrics, melody, harmony, rhythm and form to create songs. Basic computer tools will be used to aid in creating, hearing and notating their work. Students will collaborate with their classmates creating joint works and will create individual works as well. In addition, in-class songwriting workshops will give students a chance to gain feedback on their pre-existing works from the instructor and their classmates. Music business concepts in regard to copyrights, licensing, and trade organizations, and basic music theory terminology will also be taught. Prerequisite: MUS212

Credits: 3.00

MUS342

Demo To Deal

This course traces the steps of the music production process from the creation of a demo to national distribution. Students take part in simulating the day-to-day operations of a recording company, from selection of the artist through distribution of product. Students work with current artists to help create, manage, and market a professionally recorded demo or album. Throughout the development of each project, students will gain an understanding of releasing a musical product to physical and online retailers.

Prerequisite: MUS 244 or MUS216

Credits: 3.00

MUS344

Talent Management

In the current marketplace, many of the biggest stars in the entertainment industry have

large management teams assisting their success. This course examines the need for talent management and explains the various aspects of the entertainment management field. Key management principles, terms, and practices are introduced through a mock management strategy. By midterm, students are assigned to a current artist (producer, actor, musician, etc.) to manage different aspects of their career, including, but not limited to touring, auditioning, promotion, fiscal planning, and marketing.

Prerequisite: MUS216 or MUS244

Fees: \$75.00 CoMat Fee

Credits: 3.00

MUS345

Entertainment Law

This course provides a historic overview of various legal benchmarks in the areas of copyright law and general entertainment law. Students will investigate the foundations for the Digital Millennium Copyright Act and the Stop Online Privacy Act and explore new developments in the Fair Play/Fair Pay Act, the Allocation for Music Producers Act, the Classics Act, and the Music Modernization Act. In addition, the course suggests ways in which artists can protect themselves by arming themselves with knowledge and proper representation.

Prerequisite: MUS344

Credits: 3.00

MUS350

Mixing & Mastering

This course provides advanced instruction in mixing and mastering techniques for music producers of all sorts, including songwriters, digital music producers, recording musicians, and sound designers. Students will develop their critical listening capacities through hands-on instruction and musical analyses of commercial recordings, giving them the skills to craft nuanced and polished mixes and master recordings for release on the global digital music market. Using a variety of industry-standard digital audio workstations and software plugins, students will serve as mixing and mastering engineers for artists on the campus record label, Lion Records.

Credits: 3.00

MUS351

Music Production

Music Production is designed to harness the skill sets introduced in MUS 251 Recording Technology toward the Production of Music in the digital domain. Beginning with the history and artistry of music composition within the digital domain, students will then learn how to compose diverse styles of music (hip-hop, EDM, pop and others) for a variety of purposes. The pedagogic emphasis of this course is on creative musical projects using professional mixing and electronic composition tools such as MIDI, synthesis, and sampling.

Prerequisite: MUS 212 and MUS 251
Credits: 3.00

MUS362

Sound Ecologies

Sound ecology is the study of the relationships between humans and their environments as expressed through acoustic phenomena. Through a highly interdisciplinary approach spanning the arts, natural and social sciences, in this course students will explore how sound mediates interactions with their surroundings, facilitates communication between lifeforms, and creates senses of place and belonging. We will look at how ecological systems serve as models for sustainable community and environmental practices and how these practices are sought after and enacted through music-making, sound art, and technology. Based primarily in environmental humanities, science and technology studies, and ecomusicology, topics to be discussed include nature and nationalism, animal musicality, sound and war, water rights, the Afro-Atlantic, and indigenous models of conservation. Credits: 3.00

MUS370

Vocal Styles and Repertoire I

This half-course is the first of two courses designed to survey the development of western solo vocal literature from the Baroque period to the modern day. In Vocal Styles and Repertoire I, emphasis will be placed on the worlds of Opera and Musical Theatre.

Students will learn about

important styles and composers of vocal literature and study representative selections of standard vocal literature through listening assignments, song performances, and other projects. Students will be exposed to the histories of great singers / interpreters and continue to develop their interpretive understanding of each genre through discussion, analysis, and listening. Note: Active participation in the weekly Vocal Performance Studio serves as the lab component for this course.

Credits: .50

MUS371

Vocal Styles and Repertoire II

This half-course is the second of two courses designed to survey the development of western solo vocal literature from the Baroque period to the modern day. In Vocal Styles and Repertoire II, emphasis will be placed on the worlds of Jazz and Contemporary Music. Students will learn about important styles and composers of vocal literature and study representative selections of the standard vocal literature through listening assignments, song performances, and other projects. Students will be exposed to the histories of great singers / interpreters and continue to develop their interpretive understanding of each genre through discussion, analysis, and listening. Note: Active participation in the weekly Vocal Performance Studio serves as the lab component for this course.

Credits: .50

MUS381

Adv Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

MUS382

Intermediate Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work.

Credits: 3.00

MUS383

Advanced Special Topics

Advanced Special Topics

Credits: 3.00

MUS387

Improvisation

To improvise is to engage actively and adeptly with the world amid unforeseen circumstances. Improvisers bring their past experiences and expertise to new encounters and situations in order to navigate them successfully as individuals and in groups. And while improvisation is most often associated with music and theater, as with all art, improvised creative work is a reflection of the world-at-large, in which improvisation is an essential part of our everyday lives. This course explores improvisation through all aspects of the Albright experience in a series of case studies and approaches based in the College's departments, programs, and creative practices – including the arts, humanities, natural, and social sciences. Like an ensemble of improvising artists, enrolled students will contribute their past curricular, experiential, and personal backgrounds to the class as we discuss fundamental questions about the relationship between creativity, ethical action, and difference with a range of guests from around campus. Students will have the opportunity to apply our collective analysis of these issues through a range of individual, transdisciplinary assignments, including blog posts, in-class workshops, and a final portfolio project that incorporates their past studies and builds imaginatively on their future goals.

Credits: 3.00

MUS391

Event Promotion

Event Promotion expounds upon key concepts from Entertainment Marketing, and Artist

Management in order to address specific entertainment industry subjects including marketing and promotion, copyright law, publishing, contracts, licensing, and management in relation to event promotion and production. Students will be responsible for planning, promoting, scheduling, and selling a fictional domestic events/tour of their choice. Through relevant projects, each student will experience multiple careers surrounding the greater subject of event promotion. Prerequisite: MUS 344 or instructor approval

\$75 Course Fee

Credits: 3.00

MUS470

Vocal Pedagogy

In this senior-level course, vocal students will study and develop teaching methodologies in one-on-one teaching (singing lessons, vocal coaching) and group situations (vocal performance studio, choral ensembles). Through discussions, readings, direct applications, and observations, students will be part of a supportive learning community to develop proper teaching techniques for their singing or as an instructor. Note: Active participation in the weekly Vocal Performance Studio serves as the lab component for this course. Credits: .50

MUS471

Capstone Senior Project

This course offers faculty guidance and preparatory instruction toward the creation of a senior-level capstone performance project in the form of a public recital/concert or a stage performance. Participating students must submit preliminary research about their intended repertoire and approach for faculty approval prior to registration. Beyond the public performance, participants must submit a post-performance reflection paper. Note: Active participation in the weekly Vocal Performance Studio serves as the lab component for this course.

Credits: .50

MUS481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.

Credits: 3.00

MUS482

Capstone Internship

An internship is practical work experience that encourages students to collaborate with and learn from professionals in the music industry. Internships reinforce liberal arts academic outcomes with on-the-job experiences, while utilizing specific skills attained from the Music Industry Studies coursework. Internships are selected by students in cooperation with the course instructor/sponsoring faculty member.

Credits: 3.00

MUS495

Senior Seminar

This capstone experience addresses professional issues and challenges concerning the current world of music business. Specific topics will vary, depending on the interests and abilities of the students. Students will develop and present senior projects that synthesize their undergraduate experiences. Prerequisite: Senior Standing MIS Major/Co-Major and completion of two (2) MUS 300 level courses.

Credits: 3.00

MUSJ26

History Of Blues

This course will be a broad overview of the 12-bar blues genre from its origins to the present. The course will cover blues created by Mississippi Delta singers and jazz musicians early in the century and trace their path to R & B, Motown and finally Rock. The objective of the course is to make students aware of how the single musical form has been the basis for countless styles in American music. Extensive recorded examples and some videos will be used throughout the course. A field trip will be scheduled if an appropriate concert opportunity presents itself. Credits: 3.00

NTS101

Nontrad Stdy Art Gs

Nontrad Stdy Art Gs.

Credits: 3.00

Optics

OPT101

Modern Optics & Technology/Lab

A survey of basic properties of light, diffraction, holography, interference, imaging, and applications to modern technology including telescopes, lasers, CDs, fiber optics and optical data storage.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: OPT101L

Cross listed as PHY101.

Credits: 4.00

OPT101L

Modern Optics & Technology lab

Three-hour lab.

Corequisite: OPT101 Lecture

Lab component: 0.00 Credit

OPT431

Adv Optics Lab I Advanced Optics Lab I

Intensive project-based laboratory course with experiments on Optical imaging systems, testing of optical instruments, diffraction, interference, holography, lasers, and detectors.

Cross listed as OPT431

Credits: 4.00

Philosophy

PHI101

Introduction to Philosophy

This course introduces central historical and contemporary debates in philosophy, including the nature of persons, self-identity, and free will, the foundations of knowledge, and the basis of moral and aesthetic judgments. Why are you who you are? How do you know what you know? Are you living a good life? Find out. General Studies Foundations-Humanities.

Credits: 3.00

PHI102

Words and Worlds

This course investigates questions that arise in the creation of speculative and science fiction. How do our words shape our ideas and experiences, even our realities? Can fictional words create real things? Do people who speak different languages live in different worlds? Could we ever really speak with AIs or non-human animals or aliens? Is speech morally wrong if it is untrue, offensive, or otherwise inaccurate? Foundations Humanities.

Credits: 3.00

PHI120

World of Ideas

This course considers central human questions from their origins in world myths and creation stories to how they are addressed today. Was the universe created and what are we doing here? How do we determine if our lives are good or our actions just? How do we separate truth from falsity and reality from appearance? We will consider how a variety of

cultures from around the globe have addressed these questions.

Credits: 3.00

PHI130

Individual and Society

This course explores the personal and social dimensions of human life. What makes you a good family member, or friend, or citizen? How do social values affect the goals you pursue and the experiences you seek? How does your information environment affect the beliefs you hold and the decisions you make? How do you decide if you are using your time well? What counts as a successful life and a good society, and how do you create them? Connections Humanities.

Credits: 3.00

PHI150

Critical Thinking

This course is a study of arguments and rules for correct thinking. Topics include recognition of arguments, uses of language, fallacious arguments and the art of persuasion. Emphasis is placed on the application of critical thinking skills in both professional and everyday contexts. GENERAL STUDIES FOUNDATIONS-HUMANITIES

Credits: 3.00

PHI183

Introductory Special Topics Introductory Special Topics

Credits: 3.00

PHI203 Ethics

A study of the nature, origin, and development of ethical theories from a historical perspective and their relevance to some significant problems in contemporary life. Special attention is given to the exploration of enduring moral concerns, such as moral relativism, the place of reason in ethics, egoism and altruism, and the nature of moral responsibility.

GENERAL STUDIES FOUNDATIONS-HUMANITIES

Credits: 3.00

PHI204

Public Morality

This course examines current moral and political controversies. We will explore questions of social and economic justice, moral and political equality, and social action and individual rights. In examining these debates, we will draw upon both historically influential and contemporary moral and political theories.

GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI213

Reason and Revolution

This course examines what it means for social, political, economic, or technological changes to be revolutionary. It investigates how such changes evolve, and how the interplay of knowledge, power, and innovation creates large-scale social, political and economic changes. GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI221

Artful Thinking

This course explores questions that arise when we make and evaluate imaginative works. Can fictional stories convey truths? Can we objectively judge that some artistic works are better than others, and can we improve our artistry? What social role does art play, and should art ever be censored? Do design elements add real economic value to objects? How will digital art and virtual realities affect our aesthetic evaluations?

GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI229

Ethics and Technology

This course examines the ethical, social, and political impact of emerging technologies. Themes include acquisition, evaluation, management, and application of data; digital privacy and security; digital avatars and virtual communities; intellectual property and the value of digital products; and machine learning and the role of autonomous AI agents in human life and society. GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI230

Law and Philosophy

In this course, we will consider several philosophical issues that arise with respect to law. We will begin by surveying some of the prominent theoretical approaches to understanding the nature of law and legal interpretation. We will examine the relationship between law and morality, the nature and limits of some of our fundamental Constitutional rights and freedoms, and the concepts of equality and justice as reflected in the law. We will then explore the justifications for the laws of our criminal justice system and conclude by addressing a few issues of civil law. In our study, we will often utilize notable legal cases as a vehicle for discovering how certain lawmakers, namely judges, have reasoned about the law. Several recent or current legal controversies will be incorporated into our class discussions.

GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI245

Evidence and Argument

This course examines how we acquire, evaluate, and use evidence to build sound and effective arguments and reliable knowledge. Themes include the reliability of perception and testimony; digital literacy; theories of truth; and the social and political aspects of how information is shared, disputed, and accepted.

GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI250

Business Ethics

This course gives students a concise background in ethical reasoning and ethical theories and applies these theories to contemporary business practices. What is the relationship between the profitable and the ethical, between markets and morals? We will address this question by looking at current issues such as the moral bases of free markets and free societies, the impact of automation and digital technologies on workplaces, the social impact of advertising, and the environmental impact of our economic activity.

GENERAL STUDIES CONNECTIONS- HUMANITIES

Credits: 3.00

PHI260

Bioethics

This course examines the ethical, social and political dimensions of medical practice and emerging biotechnologies. It introduces frameworks for ethical decision making and emphasizes current issues such as patients' rights, enhancement technologies, medical research ethics, and the distribution of medical resources.

GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

PHI270

Environmental Ethics

This course examines the ethical, social and political dimensions of our relation to the natural environment. It emphasizes contemporary issues such as resource use, food systems, and emerging environmental technologies.

GENERAL STUDIES CONNECTIONS- HUMANITIES

Credits: 3.00

PHI314

Classical Political Theory

This course examines the origins of political society and the evolution of political concepts such as legitimate authority, liberty, justice, Divine Right, civil society and the rule of law. We will trace the development of these ideas from antiquity through the early modern era, seeking to examine how they inform contemporary political ideals.

GENERAL STUDIES CONNECTIONS-GLOBAL

Credits: 3.00

PHI315

Political Theory

This course examines the modern political concepts that have molded our contemporary political climate, including our ideas of justice, equality, individual rights and liberties, economic entitlements, and the foundations of civil society. GENERAL STUDIES

CONNECTIONS- HUMANITIES

Credits: 3.00

Physics

PHY101

Modern Optics & Technology/Lab

A survey of basic properties of light, diffraction, holography, interference, imaging, and applications to modern technology including telescopes, lasers, CDs, fiber optics and optical data storage.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: PHY101L

Cross listed with OPT101

Credits: 4.00

PHY101L

Energy Lab Modern Optics & Technology lab. Three-hour lab.

Corequisite: PHY101

Cross listed with OPT101L

Credits: .00

PHY102

Modern Astronomy/Lab

An exposition of a wide variety of topics in modern astronomy including celestial motion, stellar spectra and evolution, galaxies, solar systems, and cosmology. Three hours lecture per week. One three-hour laboratory per week.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: PHY102L

Credits: 4.00

PHY102L

Astronomy Lab Three-hour lab.

Corequisite: PHY102

Lab component

Credits: 0.00

PHY105

Topics in Physics/Lab

This course is a conceptual physics lab science course designed to introduce the basic concepts and principles describing our physical world. Some of the topics covered are force and motion, energy, temperature and heat, waves and sound, light, electricity, magnetism, and atomic structure and the laws that govern their nature and behavior. With a good grasp of the concepts of physics, you will gain a better understanding and appreciation of our physical world. This course is for non-science majors.

FOUNDATIONS-NATURAL SCIENCE

Corequisite: PHY105L Lab

Credits: 4.00

PHY105L

Topics Lab

Corequisite: PHY105 Lecture

Lab component

Credits: 0.00

PHY107

Are We Alone? with Lab

Since before recorded history, humans have looked up into the starry sky and asked this question. If so, why? If not, where life might exist outside of the Earth? Both answers are mind-boggling and, to quote Isaac Asimov, equally frightening. In this course we will study how life may have arisen on Earth; how we discover planets around other stars; what makes a planet habitable; and how we search for life in our universe.

GENERAL STUDIES FOUNDATIONS-NATURAL SCIENCE

Corequisite: PHY107L Lab

Credits: 4.00

PHY107L

Alone Lab

3 Hour Lab per Week

Corequisite: PHY107 Lecture

Lab component Credits: 0.00

PHY201

General Physics I/Lab

Calculus-based introductory course in general physics, covering mechanics, wave motion, and sound. Satisfies the Foundations general education requirement for Natural Science. Six hours per week in workshop format.

Prerequisite: MAT 131(May be taken concurrently) or equivalent with permission of the instructor

FOUNDATIONS-NATURAL SCIENCE

Credits: 4.00

PHY202

General Physics II

Calculus-based introductory course in general physics, covering electromagnetism and heat. Six hours per week in workshop format.

Prerequisite: MAT 131 (or equivalents with permission of the instructor)

Credits: 4.00

PHY203

General III

Introductory course in general physics covering various aspects of modern physics, including relativity and quantum theory. Satisfies the Foundations general education requirement for Natural Science. Three hours lecture and three-hour lab. Prerequisite: MAT 131 (or equivalent with permission of the instructor)

Corequisite: PHY203L Lab

Credits: 4.00

PHY203L

General III Lab

Corequisite: PHY203 Lecture

Lab component

Credits: 0.00

PHY251

Thermodynamics

This course explores thermodynamic systems and variables; the laws of thermodynamic potentials and applications; ideal and real gas relations; changes of phase; introduction to probability theory; elementary kinetic theory of gases; micro and macro -states of simple quantum -mechanical systems; Fermi-Dirac, Bose -Einstein, and Maxwell - Boltzmann statistics.

Credits: 3.00

PHY262

Electronics

An introduction to electronic components and circuits, including power supplies, amplifiers and digital logic circuits. Prerequisite: PHY 202, MAT131

Corequisite: PHY262L

Credits: 4.00

PHY262L

Electronics Lab

Corequisite: PHY262 Lecture

Lab component

Credits: 0.00

PHY281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

PHY301

Math Physics I

This course covers a variety of mathematical tools needed in upper-level physics courses. The focus is on the applications of mathematics to interesting physical situations. Topics covered may include vector and matrix algebra, series expansion, calculus techniques in physics, vector calculus, ordinary and partial differential equations, complex numbers and probability and statistics in physics.

Prerequisite: MAT131 or permission of the instructor

Credits: 3.00

PHY302

Math Physics II

This course is the second semester of mathematical physics and covers a variety of mathematical tools needed in upper-level physics courses. The focus is on the applications of mathematics to interesting physical situations. Topics covered may include vector and matrix algebra, series expansion, calculus, ordinary and partial differential equations, complex numbers and probability and statistics in physics.

Prerequisite: MAT131 or permission of the instructor.

Credits: 4.00

PHY340

Classical Mechanics

Fundamentals of Newtonian mechanics: conservation theorems, central forces, motion in non-inertial frames, rigid-body motion. Lagrange's and Hamilton's equations.

Credits: 3.00

PHY351

Electromagnetism I

Electrostatics and magnetostatics in vacuum and in material media. Maxwell's equations. Energy and momentum in the electromagnetic field. Electromagnetic waves. Special relativity.

This course is offered four sessions per week.

Credits: 4.00

PHY381

Advanced Reading

Independent work at this level is designed to allow the student to improve competence in

an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 4.00

PHY382

Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory physics course work.

Credits: 3.00

PHY431

Advanced Optics Laboratory

Introduction to the techniques of experimental research in the areas of electronics, electromagnetism and modern physics. Measurement technique and error analysis are emphasized. Two three-hour lab periods each week.

Cross listed as OPT431

Credits: 4.00

PHY441

Quantum Physics

Introduction to non-relativistic quantum mechanics; wave functions, amplitudes and probabilities; the superposition of quantum states, the Heisenberg uncertainty principle. Time evolution: the Schrodinger equation, stationary states, two-state systems. Motion in one- dimensional potentials: tunneling, particle in a box, harmonic oscillator. This course is offered four sessions per week

Credits: 4.00

PHY482

Advanced Internship

Credits: 3.00

PHY490

Senior Seminar in Physics

Topics are determined by the instructor.

Credits: 3.00

PHY491

Selected Topics in Physics and Optics

Topics are determined by the needs of the students and availability of faculty. Some possible topics are Quantum Physics II, Advanced Lab II and topics dealing with current

trends in physics and optics.
Credits: 3.00

Political Science

POL101

American Government

This introductory course presents the dynamics of American politics and government. Such factors as public opinion, interest groups, political parties, mass media, Congress, the Presidency, the bureaucracy, and the courts are analyzed. The national level of American government is emphasized in this course. FOUNDATIONS-SOCIAL SCIENCE
Credits: 3.00

POL183

Introductory Special Topics Special Topics

Credits: 3.00

POL202

International Politics

An introduction to the political relations among countries. Attention is focused both on the foreign policies of individual countries and on the international political system at large. The aim is to teach the student how to analyze and explain the multifold activities that take place in the international arenas.

FOUNDATIONS-SOCIAL SCIENCE

Credits: 3.00

POL205

Comparative Politics

The concepts of systems analysis are used in the study of structures and processes of foreign political systems. Both theoretical and case study materials are used to show the similarities as well as the differences in the ways people govern themselves.

FOUNDATIONS-SOCIAL SCIENCE

Credits: 3.00

POL206

Political Inquiry

Political Inquiry will introduce students to the world of social science research. By the end of the course, pupils will learn to formulate research questions, craft hypotheses, identify dependent and independent variables, fashion thesis statements, and realize different levels of analysis. Students will also be introduced to different qualitative and quantitative methodologies that political scientists employ to conduct research.

Credits: 3.00

POL207

Research Methods

The social scientific study of politics and public policy is introduced in this course which includes skill development in hypothesis formulation, measurement, research design, survey research, and statistics through multivariate analysis.

FOUNDATIONS-QUANTITATIVE REASONING

Credits: 3.00

POL213

Congress, The Presidency, and Society

This course will focus on three things: the United States Congress, the United States Presidency, and how these two branches of government represent and affect different demographic groups in the United States. The course will discuss the creation of each branch of government, with an emphasis of the various stakeholders that were involved in crafting each branch, and how diverse stakeholders are represented or not represented in today's political environment. To achieve these aims, both institutional powers and campaigns and elections will be studied. Students will be challenged to consider their own representational experiences and how others may or may not be represented by Congress and the White House. General Studies – Connections.

Credits: 3.00

POL214

Public Policy

Students in this course study how policies are made by governments. Half of the course is devoted to a comparative analysis of three major policy perspectives or ideologies, along with a description of popular models of the policy-making process. The other half of the course uses this theoretical background to focus on policy case studies from fields including economics, health care, education, and the environment.

Credits: 3.00

POL216

Law & Society

An introduction to the social scientific study of law and legal systems. Addresses such issues as the nature of law and its functions in society, including social control, dispute settlement, and social engineering. Examines the attributes and organization of legal systems and particularly, although not exclusively, the American system. Offers an overview of the roles and functions of lawyers and judges, and a more focused examination of Supreme Court decision-making. Some familiarity with American politics and institutions is assumed.

Credits: 3.00

POL218

Public Administration

This course will focus on two component parts of the study of public entities: the bureaucracy and nonprofit organizations. Students will learn foundational components of the study of public administration, appreciate the intricacies of different types of public organizations, understand governance and leadership of public and nonprofit agencies, identify the functions and tools of the bureaucracy and nonprofit sector, and recognize how these institutions finance their activities.

Credits: 3.00

POL220

Urban Politics

This course will focus on two important aspects of urban places: people and power. The class will teach students about the nation's federalist structure, various forms of local government, theories of local power, the roles of social capital and civic engagement in municipal administrative and policy processes, and the ways structures can include and exclude subsets of a population.

GENERAL STUDIES – CONNECTIONS.

Credits: 3.00

POL231

Criminal Law

An introduction to the study of criminal law. The principles of American criminal law are examined using the case method. Among the topics covered are the general principles of criminal liability, the elements of various crimes, and defenses. The structure and operation of the criminal justice system are also reviewed.

Credits: 3.00

POL240

Political Science Topics

This course offers special topics of current interest in Political Science.

Credits: 3.00

POL242

Human Rights

Human rights represent one of the greatest challenges facing the world today. This course explores the politics of the many theoretical, historical and cultural issues surrounding the contemporary human rights debate. GENERAL STUDIES CONNECTIONS-GLOBAL

Credits: 3.00

POL250

Political Geography

This course is designed to teach the basic principles of geography in political context so that geography can be used meaningfully to solve political problems. The course relies on a series of applications which require printed and on-line maps. Students will learn how

to create original maps as well as how to interpret maps in a variety of formats including satellite photography. A significant course for International Relations and Comparative Politics students, it also fulfills national and Pennsylvania geography requirements for secondary school social science teachers.

Credits: 3.00

POL261

Western European Politics

An introduction to Western European Politics comparing societies, cultures, and political institutions primarily at the national level. Diverse historical experiences are the background to an analysis of post-war and contemporary issues such as European Integration, the Welfare State, the Evolution of Party Politics, NATO, Immigration, and Nationalism.

Credits: 3.00

POL273

Globalization

Globalization represents one of the most important forces shaping our world today-while some argue that it brings people closer together, others view it as a source of fragmentation and destruction. This course explores economic, political and cultural contexts. Topics in this course are examined from a range of perspectives, and students are encouraged to draw their own conclusions on the positive and negative impacts of globalization. General Studies Connections-Global

Credits: 3.00

POL281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

POL282

Intermediate Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work.

Credits: .00

POL283

Special Topics

Special Topics

Credits: 3.00

POL299

Politics of Global Health

This course is designed to offer an introduction to major issues in public health by analyzing these issues from a national and global perspective. A review of case studies and theoretical approaches will help illustrate the challenges - and solutions - involved in addressing diseases and illnesses in the 21st century. This course will give special attention to the relationship of health to globalization, poverty, identity, and conflict.

Credits: 3.00

POL305

Health Issues Around the World

Human health and disease is the result of a complex interaction of physiological, environmental, geographic, cultural, socio-economic and political factors. Even the perception of illness and health varies significantly throughout the world, and therefore this course will examine the overall context of these issues. Most undergraduates have a very limited exposure to other parts of the world, and so the course will include a discussion of unique problems encountered in different regions, with particular emphasis on developing countries and the plight of indigenous populations. Student engagement is a key element, and students will become more directly involved through research reports, presentations of case studies, group projects and a term paper.

GENERAL STUDIES CONNECTIONS-GLOBAL

Credits: 3.00

POL306

Public Opinion & American Democracy

Public opinion is not simply about polls. Members of the public express their opinions by calling their representatives, in letters to the editor, and at the diner. This course will explore the different ways public opinion is articulated, how scholars and practitioners study this phenomenon, the manner of how people form and change their opinions, how various actors shape opinions, and the ways these opinions impact policymakers in our republic. Throughout this course, students will continuously be challenged to think about how different subgroups in the American polity consider policy and articulate their opinions.

GENERAL STUDIES - CONNECTIONS

Credits: 3.00

POL307

Political Participation and Ideology

How and why do Americans participate in the political arena and articulate their political ideologies? By the end of the class, students will become familiar with different forms of political participation and the spectrum of political ideologies in the American polity. Students will also read works that articulate how different subsets of the American

population participate in the political system and express their ideologies. Further, the class will teach how these two subfields intersect, and how political ideology might drive political participation.

GENERAL STUDIES - CONNECTIONS

Credits: 3.00

POL314

Classical Political Theory

This course examines the origins of political society and the evolution of political concepts such as legitimate authority, liberty, justice, divine right, civil society and the rule of law. We will trace the development of these ideas from antiquity through the early modern era, seeking to examine how they inform contemporary political ideals. GENERAL STUDIES CONNECTIONS-GLOBAL

Credits: 3.00

POL315

Political Theory

This course examines the modern political concepts that have molded our contemporary political climate, including our ideas of justice, equality, individual rights and liberties, economic entitlements, and the foundations of civil society.

GENERAL STUDIES CONNECTIONS

Credits: 3.00

POL321

Environmental Policy

After a brief history and discussion of the theory behind environmental policy this class will devote its time to an extended description and critical discussion of specific environmental policies. This discussion is broken into two main categories: policies dealing with pollution and public health (including waste and air and water pollution), and policies dealing with land management and the public realm (including agriculture, public lands, and sprawl).

Credits: 3.00

POL323

Creating New Nation: Div, Deb, and Docs

The course undergoes an intensive study of the factors that led to the creation of America's founding documents. Students will engage in a close reading of the Declaration of Rights and Grievances, the Declaration of Independence, the Articles of Confederation, the Constitution of 1787, and the Bill of Rights. Inherent in these discussions will be a study of the First and Second Continental Congresses and the Constitutional Convention of 1787, as well as the ratification debates.

Credits: 3.00

POL330

Global Health

This course is designed to offer an introduction to major issues in public health by analyzing these issues from a national and global perspective. A review of case studies and theoretical approaches will help illustrate the challenges - and solutions - involved in addressing diseases and illnesses in the 21st century. This course will give special attention to the relationship of health to globalization, poverty, identity, and conflict.

Credits: 3.00

POL340

Topics for Political Analysis

A seminar on a selected topic of interest to students and faculty in political science. The focus is on materials and methods as well as the content of the topic. Recent topics covered were political leadership, women in politics, and the theory and practice of democracy.

Credits: 3.00

POL352

International Law & Organizations

This course introduces students to the theories and practices of international law and international organizations. The course analyzes contemporary international laws in several areas, including human rights, security and the environment. Organizations covered during the semester include the United Nations, international financial institutions, regional organizations, nongovernmental organizations and other non-state groups.

CONNECTIONS-GLOBAL

Prerequisite: POL 202

Credits: 3.00

POL353

The European Union

POL 353 provides an in-depth investigation of the European Union, its institutions, and the politics that govern how the EU functions. We will trace the EU's evolution from the European Coal and Steel Community to its current composition of EU member states. Particular attention will be paid to theories of European integration (Intergovernmentalism, Institutionalism, & Neo-Functionalism). Lastly, we will focus on crises the EU has or is still facing, such as Brexit, Ukraine, and other contemporary issues.

CONNECTIONS--GLOBAL

Credits: 3.00

POL371

Constitutional Law

The study of the United States Constitution as interpreted by the United States Supreme Court, concentrating on fundamental constitutional doctrines of judicial review,

federalism, and separation of powers. Emphasis also is placed on understanding the role of the judiciary in the American constitutional system, as well as the importance of considering the political and historical context in which any given constitutional doctrine is developed. This course is taught using the case method.

Credits: 3.00

POL372

Civil Liberties

This course is an intensive analysis of constitutional provisions and United States Supreme Court decisions regarding protections for individuals against excessive governmental interference (civil liberties) and provisions by which individuals may use government power to protect themselves against certain forms of discrimination (civil rights). Emphasis is placed upon the 13th, 14th, and 15th Amendments, including the Equal Protection Clause and Due Process Clauses of the 14th Amendment as well as various congressional enactments intended to further the purposes of those amendments. Such topics as the right to privacy, abortion, the rights of the criminally accused, and other controversial and contemporary issues are covered. This course is taught using the case method.

Credits: 3.00

POL373

Environmental Law

Environmental law introduces students to the regulation of the interaction between individuals, corporations, communities, and governments and the environment. The regulation relates to both natural (e.g., forests) and human-made (e.g., fossil fuel production) systems. Some topics that will be covered are pollution, waste, and natural resources. Using these topics, students will learn how environmental laws are made and enforced. By the end of the course students will have a thorough understanding of major environmental laws including, but not limited to, the Clean Air Act, Clean Water Act, and the Endangered Species Act.

Credits: 3.00

POL381

Advanced Independent Study

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

POL399

Internship

Involvement in a public bureaucracy or political activity under the supervision of an Albright instructor and a mentor at the internship location.

Credits: 3.00

POL440

Seminar

A seminar on a selected topic of interest to students and faculty in political science. The focus is on materials and methods as well as the content of the topic.

Credits: 3.00

POL460

The Discipline of Political Science

This senior capstone course will introduce students to advanced readings in each of the subfields of political science. Through the literature, students will survey the discipline of political science, to reflect upon various ways that scholars of each subfield think about power, conduct research, and make scholarly contributions. The course will also require students to conduct their own original scholarship. As such, there will be a research and analysis component to the course. Prerequisites: POL101, POL214, POL216, POL218 or Permission of the Instructor.

Credits: 3.00

POL483

Advanced Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.

Credits: 3.00

Psychology

PSY100

General Psychology

This course introduces students to the broad discipline of psychology, focusing on theories and research explaining behavior. Major areas include, but are not limited to biopsychology, motivation, sensation, perception, learning, cognition, development, stress and health, personality, and psychopathology. FOUNDATIONS-SOCIAL SCIENCE

Credits: 3.00

PSY183

Introductory Special Topics

Credits: 3.00

PSY200

Statistics for the Behavioral Sciences

This course covers the basic principles of statistical analysis in psychology, including the testing and evaluation of empirical questions. Students learn statistical techniques utilized in the research process. Specifically, the course focuses on experimental designs and statistical techniques of descriptive statistics and inferential techniques (e.g., t-tests, ANOVAs). Computers are used extensively; students learn to use word processing for APA writing and a statistical software package (SPSS). Prerequisites: PSY100

Credits: 3.00

PSY201

Research Methods in Psychology

This course covers the basic principles of research design and analysis in psychology, including the formulation, testing, and evaluation of empirical questions. Students learn about research methodology and apply the statistical techniques learned in PSY 200 to engage in the research process. The course will cover experimental designs and methods such as surveys, observational research, and other non-experimental designs. Students will collect and analyze data and write APA empirical research reports. Students will develop APA writing skills, learn how to conduct literature reviews, and further enhance their statistical analysis skills. Computers are used extensively; students will learn to use survey software (Qualtrics) and continue to use word processing for APA writing and a statistical software package (SPSS). Prerequisite: PSY200

Credits: 3.00

PSY202

Research Experience in Psychology

This course provides students with an opportunity to work in depth on empirical analyses. Students will utilize their training in research methods and data analytic techniques. This course is designed to provide a bridge between students' initial learning of statistics and research methods in PSY 200/201 and their participation in research via independent studies, ACREs, or senior theses. This course will help prepare students for graduate training for a professional degree in psychology. Prerequisite: PSY 201

Credits: 3.00

PSY205

Biological Psychology

A study of the neurobiological basis of behavior. The biological and evolutionary foundations of sensation and perception, emotions, sleep, memory, and mental health issues are examined. The nature-nurture debate is discussed as well as the extent to which the mind contributes to stress, sickness, and health.

Prerequisite: PSY100

Credits: 3.00

PSY206

Social Psychology

Social psychology is the scientific study of how individuals think, feel, and behave in social situations. Topics covered include, perception of others and the self, prejudice, attitudes, social influence, group processes, attraction, altruistic behavior, and aggression.

Prerequisite: PSY100

Credits: 3.00

PSY210

Health Psychology

This course is designed to provide a broad overview of the central concepts of adult health psychology, utilizing a biopsychosocial approach. The emphasis of the course is on primary, secondary, and tertiary prevention of illness as well as practical application and the ways in which information can and should be utilized in multidisciplinary care. Theory and content will be applied to specific acute and chronic health conditions, including cardiovascular disease, HIV/AIDS, chronic pain and cancer.

Prerequisite: PSY100 or PUH100

Credits: 3.00

PSY215

Positive Psychology

This course is designed to introduce the relatively new and emerging discipline of positive psychology. Rather than the more traditional focus of how individuals may experience difficulties with functioning due to psychopathology and other psychosocial stressors, positive psychology aims to determine what helps drive success and happiness. Theory will be applied to increase understanding of specific emotions, cognitions, and behaviors that drive flourishing across a number of domains including work, relationships, and physical health.

Prerequisite: PSY100

Credits: 3.00

PSY220

Theories/Treatment Addictive Behaviors

This course is an overview of the major theories of addictive behaviors and their corresponding treatment approaches. The disease, cognitive, psychoanalytic, behavioral, multicultural, public health and prevention model explanations for the origins of addictions will be examined along with the applications of the various techniques used by each model in treatment.

Prerequisite: PSY100

Credits: 3.00

PSY230

Human Development

A normative, eclectic approach to the study of the individual from conception to senescence. A review of physical, sensorimotor, cognitive, emotional, personality, moral, and social development through the life span.

Prerequisite PSY100.

Credits: 3.00

PSY240

Child Development

The intent of this course is to describe and examine the interrelationships among the physical, cognitive, social, and emotional dimensions of human development from conception through adolescence.

Prerequisite: PSY100.

Credits: 3.00

PSY250

Theory of Personality

This course provides an introduction to the psychological study of personality. That is, how can we best understand individual differences in cognition, emotion, and behavior patterns? To answer this question, the course will first provide a historical review of early personality theories including Psychodynamic, Person-Centered, and Behavioral Theories, and progress to more contemporary models including Trait, Social-Cognitive, and Biological Theories of personality. Emphasis will also be placed on research and assessment methods commonly used in this area of study. Prerequisite: PSY100

Credits: 3.00

PSY265

Ecological Psychology

What are our environmental problems and how does our psychology affect them? In most cases we have the ability to solve our environmental problems from a technological and physical perspective. So why don't we "just do it!" The reason seems to lie in our values, desires, etc., which emanate from our underlying psychology. However, in order to understand how our psychology operates, we need to examine it from a wide array of disciplinary perspectives. This course will utilize a range of perspectives from the humanities and social and natural sciences in order to examine and develop an understanding of the underlying psychology that contributes to our environmental problems.

Prerequisite: PSY100

Credits: 3.00

PSY270

Industrial and Organizational Psychology

Focus in this course is on the study of the application of psychological principles to personnel functions within business and industry and human resource concerns such as test reliability and validity; criterion measurement; employee recruitment, interviewing,

and selection; performance appraisal; job satisfaction; and, job stress. Human resource professionals serve as guest lecturers and resource persons. The focus of this course is also on the study of the principles of human behavior in organizational settings. Emphasis is on the practical applications of topics such as training, group/team dynamics, leadership, decision making, communications, organization cultures and structures from a human resource professional perspective. Prerequisite PSY100.

Credits: 3.00

PSY281

Introductory Study Topics

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Prerequisite PSY100.

Credits: 3.00

PSY282

Introductory Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

PSY283

Intermediate Topics Intermediate Special Topics

Credits: 3.00

PSY290

Understanding Human Variation

The purpose of this course is to examine the variety of ways in which one can construe issues of human variation. Students are exposed to models of understanding human variation from psychological, political, economic, and industrial perspective. The contents of this course compel students to conduct a personal examination of their own belief systems as they critically explore the dynamics of race, ethnicity, culture, and gender in American society. Students are challenged to broaden their perceptions of differences.

Prerequisite PSY100.

Credits: 3.00

PSY291

Cross-Cultural Psychology

We will focus on the critical and comparative study of culture on human cognition and behavior. Psychological differences, cross-cultural interactions as a function of

globalization, and the establishment of psychological universals will be explored. The utility of Western psychological concepts, theories, and assessment instruments to explain human behavior and thought in different cultures and indigenous psychologies will be criticized constructively. You will be introduced to different perspectives, fundamentally different views of the world, and asked to draw connections between commonly held concepts and the assumptions that underlie them. This will involve learning about the traditions and values of other cultures, which may require you to role-play and entertain foreign ideas. We will also discuss cross-cultural research and evaluate scientific principles from different worldviews.

GENERAL STUDIES CONNECTIONS GLOBAL

Credits: 3.00

PSY294

Drugs/Addictions/Society

This course is an overview of the complex interdependence of alcohol, other drug and addictive behavior issues presented in both an individual and a cultural context. The major theoretical perspectives of addictive behavior will be examined as well as the psychological and social approaches to understanding and treating addictive behaviors among various groups found around the world. The global impact of addictive behavior, drug trade and drug laws on society will also be examined.

Prerequisite: ENG101

GENERAL STUDIES CONNECTIONS

Credits: 3.00

PSY305

Behavioral Neuroscience

This course focuses on the biological mechanisms that mediate behavior. Students will become familiar with the anatomy of the nervous system as well as the different research methodologies employed. The relationship between the nervous system and topics such as motivation, learning, sensation, psychopharmacology and abnormal behavior is examined.

Prerequisite: PSY205 or BIO151

Credits: 3.00

PSY306

Advanced Topics in Psychology

This course is designed to offer special topics of current interest in psychology. The topic and course description will be available in the department at least one month before registration. The student is to select this course only if there is a sincere interest in pursuing the topic at an advanced level. There will be lectures and exams, but a major component will be a term paper or similar scholarly project based on current literature. This course is an excellent basis for senior internships, independent research, or departmental honors. This course may be taken more than once if the topics are different. It counts towards the psychology concentration, but permission of the department is

needed for the specific topic to count in psychobiology or any combined concentration. The title of the topic will appear on the transcript.
Prerequisite: PSY100. Credits: 3.00

PSY310

Health Behavior Change

Although most individuals know which behaviors are associated with greater longevity and health, many find it difficult to initiate and maintain such behaviors in the long term. This course is designed to build upon PSY 210 (Health Psychology) by providing an in-depth examination of theories and treatment models of health behavior change. Topics will include motivation, attribution theory, risk perception, stage models, theory of planned behavior, social cognition models, and behavioral theory. Application of these models will be discussed in the context of the individual, patient-provider relationships as well as the role of media and technology in the context of population-targeted interventions.

Prerequisite: PSY210

Credits: 3.00

PSY319

Evolutionary Psychology

This course examines the hypothesis that the physiology, behavior, and psychology of modern human beings have been shaped by our ancestral past. The goal of the course is to review different human traits as evolved adaptations. An emphasis will be placed on human mating strategies and sex differences. This course will explore specific topics relating to mate choice, biological differences between the sexes, attraction, human reproduction, breeding patterns across species, jealousy and infidelity, physical markers of fitness, selection, inclusive fitness, and social order and interaction.

Prerequisite: PSY100 and Junior class standing, or permission of instructor.

Credits: 3.00

PSY321

Close Relationships

This course is designed to provide an overview of the field of relationship science. The course will primarily use a social psychological perspective to promote an understanding of close relationships. Various theoretical perspectives will be explored, including attachment theory, interdependence theory, evolutionary, and social cognitive approaches. Topics covered include relational needs; conflict; attraction; jealousy; communication; friendship; love; relationship development, maintenance and trajectories; and individual differences in relationship styles. Prerequisite: PSY 200 or

Permission of instructor

Credits: 3.00

PSY330

Human Sexuality

The course examines psychological and biological theories and research in human sexuality. This course will explore topics relating to sexual behavior, sex differences, sexual arousal and anatomy, gender issues, attraction and love, sexual deviations and problems, sexually transmitted diseases/infections, contraception, sexual victimization, and social and legal sex issues.

Prerequisite: PSY200 or SOC211

Credits: 3.00

PSY340

Cognitive Psychology

The goal of this course is to provide you with a comprehensive overview of the major theories, research methods, and findings in cognitive psychology. Cognitive psychologists ask questions about perception, attention, learning, memory, language, decision making, and other mental processes. We will explore the different ways in which cognitive psychologists study these mental processes and their psychobiosocial correlates and learn to interpret their results. Also, since all these processes are extremely relevant to your daily life, what you learn should help you understand and improve your own everyday thought processes.

Prerequisite: PSY100

Credits: 3.00

PSY345

Lang Development

This course is designed to introduce students to the area of language development. Focus is on the structure of language and linguistic theories in order to understand the task the child faces when acquiring language. Competing hypotheses about how children become fluent speakers of their language are examined. Additional topics to be considered include abnormal language development, bilingualism, animal communication, and deafness.

Prerequisite PSY230 or PSY240 or SOC211

Credits: 3.00

PSY346

Social Development

What are the beginnings of our understanding and feelings about ourselves and others? How do our early relationships influence our later development? This course will introduce students to social development from birth through early adolescence. We will begin with the major theories of social development, and progress to specific topics (e.g., temperament, attachment, moral development, gender development, friendship, and theory of mind).

Prerequisite: PSY230 or PSY 240

Credits: 3.00

PSY347

Adolescent Development

We will examine the major theories, issues, and associated research findings for adolescent development. Particular focus will be on the physical, cognitive and social/emotional changes that occur during adolescence. This includes the examination of identity formation, sexuality, family relationships, peer relationships, and moral development. The course will also discuss challenges facing adolescents today. The course focuses heavily on the research basis for conclusions we might draw about adolescence and development, and to that end, we will be applying a critical thinking approach to evaluating research.

Prerequisite: PSY100

Credits: 3.00

PSY350

Animal Behavior & Cognition

An evolutionary approach to the study of human and animal behavior with emphasis on animal minds, including perception, attention, conditioning, representation, concept and rule learning, tool use, communication, self-awareness, awareness of the other, ecological significance, and adaptive function. The methods, research, and theories of comparative psychologists, ethologists, and sociobiologists are discussed in relation to reproductive strategies, social behavior, aggression, and especially cognition. Includes discussion of the evolution of behavior as determined by selection pressures in the organism's environment, the role of genetics and the environment in the development of behavior, and the pros and cons of ethological method of studying behavior in a natural environment versus a laboratory setting.

Prerequisite: PSY100

Credits: 3.00

PSY355

Motivation

This course introduces students to the study of motivational theories of human behavior from several psychological perspectives including physiological, evolutionary, behavioral, cognitive, and social viewpoints. A variety of topics will be covered such as examining motivational incentives, emotion, physiological needs and the motivation for hunger, sleep, and sex, and the basic and applied principles of learning and conditioning as it relates to motivation. Prerequisite: PSY200, PSY 201 or SOC211

Credits: 3.00

PSY360

Sensation & Perception

The goal of this course is to provide you with a comprehensive overview of the major theories, research methods, and empirical findings in sensation and perception. Perception deals with the physical and mental processes that are involved in experiencing the physical world and making sense of our senses. How do you see color? Or taste food? Or hear sound? Or feel pain? We will explore the different ways in which psychologists

study these mental processes (and others), learn the physiological and neural underpinnings of these phenomena, and learn to interpret experimental results in this field. Perceptual processes make up our most basic interactions with the world, and they are therefore the base on which all other mental processes rest.

Prerequisite: PSY200, PSY201 or SOC211 or permission of instructor

Credits: 3.00

PSY365

Ecological Psychology

What are our environmental problems and how does our psychology affect them? In most cases we have the ability to solve our environmental problems from a technological and physical perspective. So why don't we "just do it!" The reason seems to lie in our values, desires, etc., which emanate from our underlying psychology. However, in order to understand how our psychology operates, we need to examine it from a wide array of disciplinary perspectives. This course will utilize a range of perspectives from the humanities and social and natural sciences in order to examine and develop an understanding of the underlying psychology that contributes to our environmental problems.

Credits: 3.00

PSY377

Epigenetics & Behavior

In this course, students will explore the growing field of epigenetics, with specific applications to human behavior, including a focus on how nature and nurture interact throughout the lifespan. Students will learn how altering DNA expression without altering the sequence of DNA can affect a variety of outcomes, such as mental health disorders, neurodevelopment, cancer, and many aspects of brain functioning. Students should leave this class with a full understanding of how epigenetics is applied to not just the academic world, but also how it applies to everyday life. This will be accomplished through in person discussions, online forums, and presenting primary peer reviewed research.

Prerequisites: PSY205 OR BIO203

Credits: 3.00

PSY381

Intermediate Independent Study

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Prerequisite PSY100.

Credits: 3.00

PSY382

Intermediate Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration work.

Credits: 3.00

PSY390

Psychopathology

The purpose of this course is to introduce you to an aspect of psychology that focuses primarily on emotional disturbances, psychiatric disorders, and personality dysfunction within adult populations. We will critically examine various classifications of psychopathology in terms of their etiology, diagnosis, prognosis, and treatment modalities. The emphasis of this course will focus on individual, familial and societal issues of mental health. Various theoretical orientations and clinical applications will be introduced. In order to gain the most from this course, students are expected to maintain regular class attendance and should prepare by reading assignments prior to class. As active learning is emphasized, students are expected to readily participate in class discussions as well as group exercises. An applied approach will be used in the presentation of this material. This means that students should understand the material conceptually and be able to make associations to real life experiences.

Prerequisite: PSY100 Note: PSY200/201 NOT required

Credits: 3.00

PSY391 Child Psychopathology

The content of this course focuses on a biopsychosocial approach to the classification, etiology, and treatment of abnormal behavior patterns in infants, children, and adolescents. In addition, research and treatment strategies are explored within the context of clinical, counseling, school, and forensic settings. The examples of exceptionalities emphasized include anxiety disorders, affective disorders, attention disorders, communication disorders, mental retardation, autism, schizophrenia, substance abuse disorders, conduct disorders, and eating disorders. Behavior disorders affecting both individual development and relationships in the child's home, school, and other social settings will be examined critically.

Prerequisite PSY230 or PSY 240

Credits: 3.00

PSY394

Intro/Counseling

This course is designed to introduce students to the process of counseling and psychotherapy. Clinical methods are explored through theory and application. Students actively learn various counseling techniques using the mediums of role-playing, peer critiques, videotaping, and discussions. Ethical considerations are emphasized. The primary goals of this course are to provide the student with a deeper understanding of the work of clinical and counseling psychologists and to facilitate the acquisition of practical

skills that can be used in the helping professions. Prerequisite PSY230 OR 240 and PSY390 OR 391

Credits: 3.00

PSY395

Assessment

The purpose of this course is to introduce students to the methods of assessment/testing which psychologists use for children, adolescents, and adults. This course will explore issues of test construction, administration, and neuropsychological tests. Issues of validity, reliability, cultural relevance, and ethics will be examined. (Three hours of lecture, one hour of laboratory.) Prerequisite PSY200 and PSY201

Credits: 3.00

PSY400

Indep Research

Students design and conduct a research project. Prior to beginning this course, students must have a research proposal approved by the psychology department faculty. The proposal must be based on a thorough literature review, use APA style, meet all APA ethical guidelines, and be a realistic test of a major hypothesis. Data collection and analysis will be under faculty supervision. Results will be presented to a forum of psychology students and faculty. Selected papers will be submitted for presentation at professional meetings or for publication. Prerequisite: PSY 201 and permission of instructor

Credits: 3.00

PSY401

Field Work: Clinical

A practicum where students spend 10 or more hours per week doing an internship in a hospital, school, or social service agency. Students will meet for two class hours each week with an adviser to discuss assigned readings, problems/questions, and applications involving the internship placement. A major paper on a topic related to the particular placement is also required. Admission in this course is by permission of the instructor and is open to juniors and seniors. Prerequisite PSY200 and PSY201

Credits: 3.00

PSY405

Senior Seminar in Psychobiology

This is a discussion-based course that serves as a senior capstone class. Students are expected to engage in extensive reading, participation in class discussions, and the writing of a comprehensive, capstone paper/project. Individual seminars focus on psychobiological and/or evolutionary approaches to understanding human and/or animal behavior. Examples of seminar topics include consciousness, evolution and human sexuality, the neurobiology of mental health, and other current topics in biological psychology. Prerequisite: PSY201 or SOC210

Credits: 3.00

PSY406

Senior Seminar in Psychology

This is a discussion-based course that serves as a senior capstone class. Students are expected to engage in extensive reading, participation in class discussions, and the writing of a comprehensive, capstone paper/project. These seminars focus on contemporary issues and perspectives in psychology. Examples of seminar topics include infant cognition, decision theory, exercise and cognitive functioning, the self, social/cognitive development, current topics in social psychology, metacognition, healthy psychology, mental health, and multicultural psychology. Prerequisite: PSY201 or SOC210 and SOC211

Credits: 3.00

PSY481

Advanced Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two courses may be taken on this level.

Credits: 3.00

PSY482

Adv Internship

Internships at this level involve a great degree of responsibility and involvement. Enrollment requires the student to have completed extensive course work in an area of concentration.

Credits: 3.00

Public Health

PUH101

Introduction to Public Health

This Social Science Foundations course is an introductory survey course to public health. The course will discuss the historical development of public health as a field, provide students with a methodology for understanding populations and introduce students to the basic tenets and applications of public health.

Credits: 3.00

PUH183

Introductory Special Topics

Credits: 3.00

PUH250

Health Issues Around the World

Human health and disease is the result of a complex interaction of physiological, environmental, geographic, cultural, socio-economic and political factors. Even the perception of illness and health varies significantly throughout the world, and therefore this course will examine the overall context of these issues. Most undergraduates have a very limited exposure to other parts of the world, and so the course will include a discussion of unique problems encountered in different regions, with particular emphasis on developing countries and the plight of indigenous populations. Student engagement is a key element, and students will become more directly involved through research reports, presentations of case studies, group projects and a term paper.

GENERAL STUDIES CONNECTIONS-GLOBAL

Credits: 3.00

PUH309

Pandemics: Power & Equity Interconnected World

In this synthesis course, we will take an interdisciplinary approach to the study of pandemics— past, present, and future. We will start by unpacking the past, through the analyses of previous pandemics, and the ways in which medical, cultural, political and economic structures have shaped them. We will highlight the inequitable impact of pandemics on specific populations and policies that can overcome these inequities. The instructors in this course will model an interdisciplinary approach and the students will apply the scope and methods of their own studies to pandemic planning. Throughout the course, we will draw on the work of the social sciences, humanities, fine arts, quantitative fields, and natural sciences as we seek to explore this subject matter.

Credits: 3.00

PUH310

Epidemiology

This course will introduce students to basic principles and methods used in epidemiology. The course will include basic research design, estimating outcome measures, and establishing cause and effect and effectiveness of interventions to prevent and cure disease.

GENERAL STUDIES CONNECTIONS-GLOBAL

Credits: 3.00

PUH330

Global Health

This course is designed to offer an introduction to major issues in public health by analyzing these issues from a national and global perspective. A review of case studies and theoretical approaches will help illustrate the challenges – and solutions – involved in addressing diseases and illnesses in the 21st century. This course gives special attention

to the relationship of health to globalization, poverty, identity and conflict.
Cross-listed as SYN330 for GENERAL STUDIES SYNTHESIS
Credits: 3.00

PUH350

Public Health & Society: Current Issues

This Global Connections course will examine the ways in which the highly interdisciplinary field of public health can be used to examine, and work towards solving major social problems. We will examine, among other topics, the climate crisis, drug, alcohol, tobacco and vaping, and gun violence. We will also discuss the roots of public health: the social justice movement, and the ways in which disparities affect the health of individuals. We will finish the course with an international history of the AIDS pandemic and what lessons we should have learned from it. *NOTE: PUH co-majors must register for this course under PUH 450 to fulfill the PUH capstone requirement.

CONNECTIONS-GLOBAL.

Credits: 3.00

PUH382

Internship

Credits: 3.00

PUH420

Seminar: International Development

Global Poverty and its consequences are among the greatest challenges of our time. This course introduces students to the theories, research methods, and practices of international development, a subfield of political science in which poverty in the countries of the global South is the central concern. In this course students will analyze measures of development, the history of the field, competing paradigms, and the roles of aid, trade and debt relief. This course is open to Juniors and Seniors in the Political Science and International Relations programs. Other students may join with instructor permission.

Credits: 3.00

PUH440

Seminar

A seminar on a selected topic of interest in public health. The focus is on materials and methods as well as the content of the topic.

Credits: 3.00

PUH450

Public Health Capstone

This course examines critical and current issues in public health using focusing on ethics, diversity and global perspectives, and critical and creative inquiry. Students complete a research proposal that integrates the public health core courses (PUH 101, PUH 310 and PUH 330) with the specified electives for the co- major and their experiential learning

during their internship. The final project will demonstrate disciplined-based competence, effective communication, and commitment to life-long learning.
Credits: 3.00

Religious Studies

REL141

Understanding Old Testament/Hebrew Bible

This course is an introduction to the Old Testament (Hebrew Bible), the product of the religious experiences of the people of ancient Israel. It presupposes no prior course work in biblical studies. The Bible will be examined through a variety of lenses. By the end of the semester, students will have an understanding of the historical, social, and political world out of which the Old Testament arose; the different ways to read the stories of the Bible; and contemporary interpretations of biblical texts in the arts, popular culture, faith communities, and politics. FOUNDATIONS-HUMANITIES

Credits: 3.00

REL142

New Testament

A critical reading of the New Testament documents through which the early Christians articulated their faith, beliefs, and actions in response to the life, death, and resurrection of Jesus of Nazareth. Special attention will be given to the historical and social settings in which Christianity emerged and developed. Students will focus on the distinctive purpose and main content of each document, using modern historical-critical methods of New Testament interpretation. FOUNDATIONS-HUMANITIES

Credits: 3.00

REL154

Introduction to Classical Mythology

This course will be a survey of the stories of the gods and heroes of ancient Greece and Rome. We will focus primarily on approaching these documents as literary works but will also examine how they were interpreted and how they functioned within the rituals and practices of Classical religions. Selections of mythology (Homer's writings, the plays of Euripides, the poems of Ovid, etc.) will be read in English translation. While we will spend some time looking at how these myths and sacred tales have affected later Western art, philosophy and literature, we will primarily examine these myths within their ancient religious, literary, political and social context. FOUNDATIONS-HUMANITIES

Credits: 3.00

REL231

Cults & New Religious Movements

This course provides an opportunity for students to develop a general sociological understanding and perspective with which to evaluate, interpret and understand new religious movements, also known as "cults" Topics investigated include the historical emergence of new religious movements, recruitment strategies and the use of violence. Several case studies are used throughout the course including: The People's Temple, The Branch Davidians, Aum Shinrikyo, Montana Freeman, Solar Temple, Heaven's Gate and Chen Tao. GENERAL STUDIES CONNECTIONS-HUMANITIES
Credits: 3.00

REL244

Sex, Gender, Bible

We have witnessed a revolution in understandings about and attitudes toward gender and sexuality in the late twentieth century and early twenty-first century, especially in the United States. With changing beliefs and practices, though, have come increased controversies, especially when these changes challenge traditional religions. The Bible is often at the center of these controversies, used by both sides of the debate to support various positions. Yet, what the Bible teaches about gender, sex, and sexuality is neither self-evident nor singular. This course will examine the biblical views on sex, male and female roles, and sexuality. It will examine the Hebrew Bible (aka Tanak or Old Testament) and the New Testament from historical and literary perspectives (especially feminist and queer interpretation), as well as how contemporary communities interpret the Bible in their understandings of sexual ethics and gender norms. CONNECTIONS HUMANITIES
Credits: 3.00

REL245

Monsters in the Bible

Religion and horror are inextricably bound. Monsters populate the sacred texts of Judaism and Christianity, as well as run rampant in the popular imagination. This course explores the inter-relatedness of the Bible and monsters through two primary questions: how do monsters function in sacred texts, and how does religion inform our monsters? The course also explores how monsters manifest the deepest fears and desires of the culture that produces them. General Studies Connections-Humanities
Credits: 3.00

REL250

Judaism

This course will explore the religion, history, and culture of Judaism. The student will be introduced to Jewish history, sacred texts, ritual, prayer, holidays, and ethics. Judaism will be explored in its varieties—differences among Diaspora communities, among Israeli Jews, and among the contemporary branches of Judaism. And, as Judaism expresses itself through a variety of mediums, this class too will explore Judaism through a variety of materials—books, documentaries, foods, memoirs, and film. By the end of the semester, the student will have a basic understanding of Judaism's historical development, familiarity

with Jewish texts and interpretive methods, knowledge of Judaism's rituals and holidays, an understanding of modern movements within Judaism and the contemporary diversity of Judaism.

CONNECTIONS-HUMANITIES

Credits: 3.00

REL251

Islam from Mecca to Michigan

Islam is often in the news. While media outlets often paint Islam as a violent religion, others defend it by calling it a religion of peace. This course moves beyond such simplifications to introduce students to Islam in some of its many contemporary and historical contexts. In addition, the course serves as an introduction to anthropological and historical methods in the field of religious studies by asking how those disciplines approach the study of Islam. While students will learn about some of the key principles of Islam, they will also learn about the diversity in how Muslims experience and practice their tradition; explore the relationship between the concepts of religion and culture; and think critically about the history that often shapes American and European perceptions of Islam.

GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

REL253

Christianity After the New Testament

An examination of the formation of the Christian perspective after the New Testament until the end of late antiquity. The focus is on the diversity within these early Christian communities and the ways that various individuals within Christianity experienced what they saw as "new life" in Christ and deliverance from evil. In this way, we will explore the various ways in which different Christians imagined themselves as Romans, namely citizens of the empire and civic leaders of their communities, or as rebels resisting the oppressive force of empire.

GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

REL274

Religion at the Movies

Film is one of the great mythmaking forces of the twentieth century. This course focuses on how many contemporary popular films use religious images, motifs, and themes to embed a transcendent dimension in viewing experience. Emphasis will be placed on developing skills in viewing and evaluating films and discussing how films may create particular kinds of moral and spiritual responses in the viewing audience.

GENERAL STUDIES CONNECTIONS- HUMANITIES

Credits: 3.00

REL278

Death and Dying

This course will examine the beliefs and practices associated with death in three major types of world religions: Hinduism, Buddhism and Christianity. The meaning of death in each tradition and its relation to myths, symbols, and rituals of the sacred will be explored in depth. The course will also incorporate field trips and personal reflections to encourage students to reflect upon how their own attitudes towards death may be culturally conditioned. GENERAL STUDIES CONNECTIONS-HUMANITIES

Credits: 3.00

REL325

Magic and Miracles

What is the difference between a miracle and an act of magic? This course invites you to question the assumption that there is an easy and clear divide between miracles, which are often framed as “good,” and magic, which has been often conceptualized as either as “bad” in history or as “ineffectual” today. We will explore the ways in which magic and miracles as aspects of religion have intertwined throughout time and across various cultures and geographies. Taking a historical and interreligious approach, we will compare the miraculous deeds and abilities of approved miracle workers (wab-priests, prophets of the Lord, rabbis, monks/nuns, etc.) with those of unapproved or questionable magic workers (witches, mages, sorcerers, etc.). As we shall see, much of what we presume about these figures and their roles in society depends upon who is telling the story, revealing many deeper cultural anxieties: male versus female, citizen versus foreigner, culture versus nature, living versus dead, human versus animal, etc. Magic and miracles are all about who can and does wield authority in society.

CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

REL333

Sociology of Religion

This course is designed to provide an opportunity for the student to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand religion and religious institutions. Topics investigated include the role of belief, values, and symbols, religious recruitment, how religious organizations are formed and maintained, the link between religion and social inequality, how religion has changed and adapted in American culture, and various contemporary expressions of religion in the US, including cults, civil religion, fundamentalism and the commercialization of religion

Credits: 3.00

REL375

Religious Responses to the Holocaust

Faced with the suffering and evil of the Holocaust, many have cried out, where was God? Others have responded, where was humanity? This course examines the challenge the Holocaust presents for both Christianity and Judaism. Each religious tradition has had to grapple with the question of theodicy (explanations for evil in the world). Students explore

the wide-range of Christian theologies and Jewish responses to the Holocaust, from Hasidic folk tales to the more radical death-of-God theologies in both religious traditions.
GENERAL STUDIES CONNECTIONS-HUMANITIES
Credits: 3.00

Sociology

SOC101

Introduction to Sociology

A general study emphasizing the concepts methodologies through which the sociologist investigates the nature of the social structure, and the social processes related to individual behavior. Satisfies general studies social science requirement. FOUNDATIONS-SOCIAL SCIENCE
Credits: 3.00

SOC183

Introductory Special Topics

Introductory Special Topics

Credits: 3.00

SOC201

Social Problems

What are social problems? What does it mean to study social problems from a sociological perspective? How are the individual experiences of people connected to broader social and historical forces? How might we go about addressing social problems? In this course we will examine each of these questions within several interrelated social problems: gender, labor markets, race, education, food, health, food security, sexuality, and bullying. We will attempt to understand what makes these problems “social problems” and what “causes” these social problems. We will then discuss possible solutions. GENERAL STUDIES FOUNDATIONS-SOCIAL SCIENCE
Credits: 3.00

SOC202

The Criminal Justice System

This class allows students to examine a broad array of topics related to the criminal justice system in America. Several guest speakers who are working in various positions in the system will be invited to describe and discuss their work and their areas of expertise. Students will be encouraged to think critically about public safety questions and focus on issues, complexities, and policies of the criminal justice system, while demonstrating the inter- relationships of the system's components.
Credits: 3.00

SOC203

Human Services for Families & Children

The development and evolution of legislation, programs and services for families and children will be analyzed. This course focuses on the social problems of poverty, drug addiction, domestic violence, sexual abuse and limited health services as experienced by children through their family structures and organization. Students will be exposed to the range of private and public human services through examining program goals and the operation of these parts of the human services network. Prerequisite: SOC101

Credits: 3.00

SOC210

Research Methods

An exploration of the application of the basic tenets of scientific research to social science topics. Topics investigated include the formalization of research topics, the isolation and operationalization of theoretical concepts, the construction of hypotheses, sampling theory and alternative means for selection, study design selection and evaluation, data collection techniques, the organization of empirical data for hypothesis testing.

Credits: 3.00

SOC211

Statistics

An introduction to the theory and practice of basic statistical analysis. Topics considered include the organization and tabulation of raw and grouped data, graphical presentation of univariate and multivariate distributions, central tendency and variability measures, elementary probability theory with binomial applications, the theory of sampling and the central limit theorem, one and two sample tests of hypotheses concerning means and proportions, the analysis of variance and regression. Satisfies General Studies Quantitative Reasoning Requirement. Prerequisite: SOC210 FOUNDATIONS-QUANTITATIVE REASONING Corequisite: SOC211L Lab

Credits: 3.00

SOC211L

Statistics Lab

Two hours per week lab

Corequisite: SOC211 Lecture

Credits: .00

SOC212

Research Methods

An exploration of the application of the basic tenets of scientific research to social science topics. Topics investigated include the formalization of research topics, the isolation and operationalization of theoretical concepts, the construction of hypotheses, sampling theory and alternative means for selection, study design selection and

evaluation, data collection techniques, the organization of empirical data for hypothesis testing.

Credits: 3.00

SOC213

Social Theory

An exploration of the evolution of social thought leading to the systematic and scientific basis of modern sociology.

Credits: 3.00

SOC230

Cultural Sociology

What is culture and how and why should we study it from a sociological perspective? How do we conceive about culture in relation to other concepts such as power, identity, social structure and society? These are a few of the questions that will be addressed in this course as we explore several traditions of cultural theory and examine current debates in sociology over how to analyze culture. Prerequisite: SOC101

Credits: 3.00

SOC231

Cults & New Religious Movements

This course provides an opportunity for students to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand new religious movements, also known as "cults." Topics investigated include the historical emergence of new religious movements, recruitment strategies, and the use of violence. Several case studies are used throughout the course including: The People's Temple, The Branch Davidians, Aum Shinrikyo, Montana Freeman, Solar Temple, Heaven's Gate and Chen Tao. GENERAL STUDIES CONNECTIONS

Credits: 3.00

SOC245

Sociology of Race Sociology of Race & Ethnicity

This course provides an opportunity for students to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand race and ethnicity as socially constructed categories. Students will explore key sociological theories and concepts related to racial and ethnic stratification, identity formation, systemic inequality, and intergroup relations. We will discuss the historical and contemporary dynamics of racism, immigration, privilege, resistance movements, and intersectionality. Through readings, discussions, and case studies, students will gain critical tools to analyze how race and ethnicity shape and are shaped by social structures and cultural processes.

Credits: 3.00

SOC251

Crime & Deviance

An introduction to the sociology of deviance as it relates to criminal behavior. An analysis of crime and delinquency, as well as the cultural implications of conformity and deviance in society, are the major topics of the course. Sociocultural definitions of deviance and conformity will be investigated as they relate to their causes, prevalence, and sanctioning.

Credits: 3.00

SOC253

Criminal Investigation

This course is designed to provide students with the basic theoretical and philosophical understanding of the investigatory process. The course will cover the fundamentals of criminal investigation and will teach the skills and knowledge necessary to conduct thorough preliminary investigations of crime. Crime scene search and recording, collection, and preservation of physical evidence and scientific aids will be studied. Analysis of problems encountered in interviewing, interrogating, evidence collection and admissibility will be examined. Sources of information, follow-up and case presentation will be addressed. The application of investigative theories to the administration of justice will be examined. Prerequisite: SOC101

Credits: 3.00

SOC254

Advanced Criminal Investigation

This course is designed to provide students with a detailed understanding of the scientific methods and instrumentation used in processing crime scenes and physical evidence collected during a criminal investigation. Topics include fingerprints, cast and model development, blood and other bodily fluids, hair, fibers, tool marks, paint, glass, and plastic fragments, ballistics, and specialized instrumentation. Practical exercises will supplement lectures to provide students with a better understanding of the techniques discussed in class.

Prerequisite: SOC101 & SOC 253

Credits: 3.00

SOC261

The Family

For better or for worse, we are all part of a family! Families are universally important social institutions both historically and contemporarily. However, the majority of families around the world have certain things in common: relating people biologically and socially, organizing reproduction, care, and residence. However, the specifics of how these things are accomplished may vary substantially based on context. This course focuses on families in the United States, but will also make connections to global families as well. It will introduce you to how sociologists study families and the related topics that can be very “private,” personal, emotional, and important to many of us. A central theme will be change as we consider the many ways families have changed over the past century.

GENERAL STUDIES FOUNDATIONS – SOCIAL SCIENCE

Credits: 3.00

SOC262

Social Stratification

This course provides an opportunity for students to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand social stratification in America. Topics investigated include racial, ethnic, gender and cultural stratification as well as inequality in the American educational, criminal justice, economic and political systems. GENERAL STUDIES CONNECTIONS

Credits: 3.00

SOC266

Sociology of Race

An introduction to sociological understandings of race, ethnicity, and racism. In this course, we will examine how social institutions (e.g., our government, economy, and education systems) have shaped race relations and produced racial, class, and gender inequalities. In a safe classroom environment, we will draw from lived experience as well as empirical and theoretical literature on race to explore race and ethnicity in the age of conquest and modern society, structural and interpersonal racism, biological versus social constructions of race, and intersecting oppressions.

Credits: 3.00

SOC281

Independent Study

Independent course work at this level allows students to pursue specialized interests in a manner different from that of more traditional courses. No superior competence on the part of the student is presumed as a qualification. These courses meet elective credit only and may be taken only once on this level.

Credits: 3.00

SOC282

Intro Internship

Internships at this level are intended to allow a student to pursue specialized interests through a structure different from those of more traditional courses. Work at this level is exploratory in nature and need not be directly related to a major. No superior competence or experience on the part of the student is assumed.

Credits: 3.00

SOC283

Intermediate Special Topics

Intermediate Special Topics

Credits: 3.00

SOC291

Environmental Sociology

This course will focus on the interconnections between social systems and ecosystems. Cultural, economic, social and environmental paradigms will be examined as to their effect on a wide range of ecosystem scales. By using a sociological focus to examine complex environmental issues, students will gain a deeper understanding of how these issues can be resolved in a fair and equitable way. Specific topics covered will include consumption, global warming, environmental movements, international and domestic development, food and agriculture, etc. All topics covered in the course will maintain a specific focus on their effects on the environment and the role that social systems play within them. GENERAL STUDIES CONNECTIONS.

Credits: 3.00

SOC296

Cross Cultural Understanding

The purpose of this course is for students to explore how their own culture, broadly defined, colors their perception of others from varying backgrounds. Cross cultural understanding requires not only an exploration of oneself, in relation to their own culture (customs, social institutions, arts, etc.), but also how other cultures vary. Students in this course will draw from the disciplines of Psychology and Sociology to explore how ethnocentrism creates a barrier to cross cultural understanding. Students will also be asked to reflect on how avoiding ethnocentric thoughts and behavior can improve their communication with individuals and entities with differing cultural backgrounds.

Credits: 3.00

SOC302

Juvenile Delinquency

Patterns of juvenile delinquency are examined within the framework of the social definition of the adolescent years in American society and the response of the criminal justice system to behavior which society has deemed deviant. Within this framework the course will focus on the conflicting expectations and opportunities available to youth in American society, the operation of the juvenile justice system including the formal and informal processing of those whose age specific behavior is defined as "delinquent", the patterns and trends in delinquent behavior, the major theoretical perspectives used to account for and explain juvenile delinquency, and the range of options society has to control, punish, reward or treat those who exhibit delinquent behavior. Prerequisite:

SOC101 & Sophomore Standing

Credits: 3.00

SOC305

Terrorism

This course examines the concept of terrorism through a comprehensive overview of the many disciplines the subject crosses. Various positions on issues of controversy, fear, and prevention are examined. Illustrations of cultural, historical, tactical factors, and

social causes of some of the major forms of terrorism will be addressed. An integrated approach to the subject will include domestic and international issues as well as the importance of security techniques and intelligence gathering. Case studies of terrorist groups and their activities will be presented. Prerequisite: Sophomore Standing
Credits: 3.00

SOC307

Organized Crime

This course examines criminal activities carried out through criminal organizations and focuses on organized crime as it related to cultural history, assimilation processes and the characteristics of American society which have fostered its growth and success. Trends in organized crime in terms of ethnicity, structure and activities will be investigated. Law enforcement strategies and tactics used to control organized crime will also be examined. Prerequisite: Sophomore Standing
Credits: 3.00

SOC311

Domestic Violence

The definition, characteristics, and nature of domestic violence will be explored, with particular emphasis on the various forms of violence that take place within the familial context such as abuse of spouses, children and the elderly. The perspective of both the victims and perpetrators those who batter them will be addressed through case studies. Prevention strategies, treatment techniques, and the role of law enforcement will also be explored. Prerequisite: Sophomore Standing
Credits: 3.00

SOC331

Sociology of Mass Media and Popular Culture

This course is designed to provide an opportunity for the student to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand popular culture. Topics investigated include how and when the academic study of popular culture began, what theories have been instrumental in the field, the sociological analysis of the meaning of popular culture, the organization of popular cultural production and the relationship between popular culture and social change. The lectures, readings, and discussions will use examples from several of the popular arts including music, movies, publishing and advertising. Prerequisite: Sophomore Standing
Credits: 3.00

SOC332

Sociology of Sport

This course provides an analysis of the social aspects of sport, with emphasis on the interrelationship of sport and society. The course focuses on topics such as social values, education, sport roles, religion, socialization, mass media, sexism and racism, and is oriented to students with an interest in sports.

Credits: 3.00

SOC333

Sociology of Religion

This course is designed to provide an opportunity for the student to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand religion and religious institutions. Topics investigated include the role of belief, values, and symbols, religious recruitment, how religious organizations are formed and maintained, the link between religion and social inequality, how religion has changed and adapted in American culture, and various contemporary expressions of religion in the US, including cults, civil religion, fundamentalism and the commercialization of religion

Prerequisite: Sophomore Standing

Credits: 3.00

SOC360

Crime & the Media

Americans are saturated with images of crime and deviance. This course explores the causes and consequences of our fascination with this genre. With foundations in both sociology and communication studies this course addresses such questions as: Why are people fascinated with images of crime? Does exposure to such media affect propensity to commit crime and if so what kind of depictions are the most influential? Can influences result from material that isn't even explicitly crime related (e.g. cartoons or sexualized material)? Since most people experience "virtual crime" daily but rarely if ever experience serious crime firsthand, how might the media shape or distort our perception of crime and how might this in turn shape our civil society? Finally, how do media effects shape the criminal justice system itself? In addition to traditional study this discussion-based course will ask students to view and analyze samples of contemporary crime-based media. Students should come prepared to be exposed to some graphic violent or sexually themed material for the purposes of academic study. Multiple forms of media will be addressed including print, dramas, cartoons, movies, news, and web-based communications. Prerequisite: Sophomore Standing

Credits: 3.00

SOC382

Inter Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work.

Credits: 3.00

SOC383

Advanced Special Topics

Advanced Special Topics

Credits: 3.00

SOC385

Violence & Victims

This course focuses on the socio-cultural basis for violence in American society and for others throughout the world. Using a global perspective, this course addresses a variety of types of violence, its causes and its consequences. Topics addressed include street violence, gang warfare, hate crimes, serial murder and gender specific crimes. The theoretical basis of the causes of violence for both individual victims and society as a whole are explored.

Prerequisite: SOC101 & Sophomore Standing

Credits: 3.00

SOC395

Comparative Cultures: Ecuador

The purpose of this course is for students to become immersed in the varying culture of Ecuador through a short-term study abroad experience. While in Ecuador, students will become familiar with its history, language, environment and culture. The majority of the course will spend in Cuenca, Ecuador learning about various facets of its culture through classroom instruction, guest speakers, cooking and dancing classes, and visits to local museums and institutions. In addition, students will take part in numerous day trips from Cuenca to explore Incan ruins, national parks and rural community life. The final few days of the course will be spent on the coast of Ecuador learning about how the culture of the region varies from Cuenca. In this portion of the course students will also learn about the local environmental resources and how those resources play a role in the daily lives of Ecuadorians. A student must have the approval of the instructor to enroll in this course.

Credits: 3.00

SOC430

Collective Behavior & Social Movements

This course provides an opportunity for students to develop a general sociological understanding and perspective with which to evaluate, interpret, and understand social movements and collective behavior. Topics investigated include behavior in crowds, moral panics, fads, riots, and organized movements intended to create major social changes. Prerequisite: Junior Standing & SOC101

Credits: 3.00

SOC440

Ethnographies in Crime & Deviance

"Ethnography" is a type of research by which an investigator, overtly, or covertly, participates in the lives of his/her research subjects over an extended period of time and attempts to understand them from their own perspective. This participation is accompanied by the use of a trained scholar's skills to observe what happens, listen to what is said, and, occasionally, pose questions or conduct interviews. Quality

ethnography makes a reader feel as if he/she personally knows the people and places described. Students in this course are asked to complete their own small ethnographic projects, but the bulk of this seminar-style course is devoted to the study of significant works in ethnographies of criminal or deviant populations. Hence, students will read and discuss studies in which researchers live with, interview, and otherwise share their lives with such individuals as drug dealers, muggers, addicts, rapists, law enforcement, and their respective families and acquaintances. Through intimate exposure to the personal thoughts and lives of deviants and criminal justice system personnel, an understanding is gained that goes beyond the abstractions of theory or remoteness of statistical analyses. Prerequisite: Junior Standing, SOC101, SOC 210, SOC211 or PSY 201, 213 & 251
Credits: 3.00

SOC450

White Collar Crime

Elite deviance and white collar crime constitutes major social problems for American society, and much of the world. This course will introduce students to these concepts of elite deviance and the variety of cultural, political, and social situations that promote them. The course will focus on the global nature of the acts and examine their corporate, political, and occupational dimensions. Both policy and regulatory issues in government and business are also examined relative to major theoretical positions. Prerequisite: Junior Standing, SOC101, SOC210, SOC211, SOC213& 251
Credits: 3.00

SOC460

Criminal Profiling: Serial Murder

This course is designed to be a scholarly, comprehensive, empirical examination of the phenomenon known as serial murder. Content will include, but is not limited to: psychological, sociological, biological and familial influences, and individual case studies. Serial murder will be distinguished from other forms of multiple homicides. The many problems associated with addressing serial murder will be considered. Other topics that will be covered include serial murder and its relation to race and gender, the many myths associated with serial murder, and the role of the media and law enforcement officials. Particular emphasis will be placed upon the difficulties in apprehension of serial killers. A major course component is an applied exercise where students in small groups, create, investigate and apply profiling techniques relating to this phenomenon. Prerequisite: Junior standing or above, SOC 251, all other core courses below the 400 level (SOC 101, SOC 210, SOC 211, SOC 213), and one additional 300 level SOC or ANT course; or by permission of the instructor.
Credits: 3.00

SOC481

Adv Research

Independent study at this level should be directed toward original topical or problematic research. The standards relating to bibliography, methodology, and interpretation of

results should be consistent with the highest professional standards of the subject area. A written report is considered essential, a copy of which should be made available in the department office and in the library. One or two course units may be taken on this level.
Credits: 3.00

SOC482

Adv Internship

An off-campus placement in a human service, community, criminal justice, health care or business setting. Students are under supervision of both a faculty member and an employee of the sponsoring organization. Students must complete at least one hundred hours of study during one semester of the academic year and complete a project related to the sponsoring organization.

Credits: 3.00

SOC490

Seminar

An advanced research seminar focusing on conducting a hypothesis-testing empirical research project on a topic of interest to the student. This course concentrates on the collection and analysis of social science data and culminates in the writing of the senior thesis. Prerequisite: SOC 101, SOC 210 or PSY 200, SOC 211 or PSY 201, & SOC213

Credits: 3.00

Spanish

SPA101

Intro Spanish Lang & Hispanic Culture I

This course is designed for those who have never studied or who have had only minimal exposure to Spanish. It fosters an appreciation for the Spanish-speaking world as well as covers basic grammatical concepts and vocabulary related to daily life. The course emphasizes the development of listening, speaking, reading and writing skills in order to empower students to communicate more effectively. Students who successfully complete this course will be able to identify, describe, and reflect about relevant topics in Spanish-speaking cultures and understand the gist of basic written and spoken Spanish materials. Recommended for students with 3 years or less of high school Spanish.

FOUNDATIONS-WORLD CULTURES

Credits: 3.00

SPA102

Intro Spanish Lang & Hispanic Culture II

This course expands the students' ability to understand and produce written and spoken Spanish, with an emphasis on authentic communication that enables them to handle more complex tasks. Spanish 102 emphasizes listening, speaking, reading and writing

skills, and continues the exploration of cultures of the Spanish-speaking world through a variety of materials. Students will engage in readings and analysis of authentic texts. Recommended to have taken SPA101 or at least 3 years of high school Spanish. FOUNDATIONS HUMANITIES
Credits: 3.00

SPA201

Inter Spanish & Hispanic Cultural Per I

This course refines the skills that students acquired in introductory Spanish. It enhances the students' ability to handle communicative tasks necessary for culturally appropriate and meaningful interactions in the target cultures. By considering different perspectives and contexts that shape the Spanish-speaking world and recognizing the importance of social and ethical engagement, students will gain an appreciation for Hispanic cultures as well as the differences within and among them. Spanish 201 emphasizes communication skills through the study of a variety of authentic texts, including literary fragments, journalistic pieces, film and other media. Recommended for students who have completed SPA102 or who have had at least four years of high school Spanish.

CONNECTIONS-GLOBAL

Credits: 3.00

SPA202

Inter Spanish & Hispanic Cultural Per II

This course sharpens the skills acquired in SPA201, further developing communication in Spanish. SPA202 expands students' ability to handle more complex communicative tasks necessary for meaningful engagement with the Spanish-speaking world, both locally and globally. Through the in-depth study of authentic texts, including complete literary works, journalistic articles, films, and other media, students gain a deeper understanding of the richness and diversity of Hispanic cultures. By analyzing different perspectives and contexts that shape the Spanish-speaking world and recognizing the importance of social and ethical engagement, students will develop a more nuanced appreciation of Hispanic cultures and the complexities within and among them. Recommended for students who have completed SPA201 or who have had at least four years of high school Spanish.

CONNECTIONS-GLOBAL

Credits: 3.00

SPA209

Span/Health Prof

Prerequisite: SPA201 Min Grade: D-

Credits: 3.00

SPA221

Spain/Latin American Culture

This course is designed to offer special topics of interest in Spanish and Latin American literature and culture. Readings, discussions, reports and examinations will be in English.

GENERAL STUDIES CONNECTIONS-GLOBAL-HUMANITIES

Credits: 3.00

SPA301

Adv Spanish & Contemporary Hispanic Issues I

In this course, students immerse themselves in contemporary Hispanic cultures as they develop advanced language skills. Through engagement with authentic materials, students develop cultural competencies and a sophisticated understanding of issues shaping today's Hispanic world. SPA301 emphasizes practical application of advanced language skills through dynamic discussions, debates, presentations, and projects. Conducted in Spanish. Recommended for students who have taken SPA202 or SPA204 or permission of the instructor. CONNECTIONS- GLOBAL

Credits: 3.00

SPA302

Adv Spanish & Contemporary Hispanic Issues II

This course is a continuation of SPA301 with more extensive reading and writing assignments, including a literary work by a prominent Spanish-speaking author. Students immerse themselves in contemporary Hispanic cultures as they further develop advanced language skills. Through engagement with authentic materials, students develop cultural competencies and a sophisticated understanding of issues shaping today's Hispanic world. SPA302 emphasizes practical application of advanced language skills through dynamic discussions, debates, presentations, and projects. This course is conducted in Spanish and is recommended for students who have taken SPA301 (or permission of the instructor).

Credits: 3.00

SPA305

Practicum

This intensive conversation experience emphasizes speaking and listening comprehension in the foreign language. There is extensive use of pair and small group activities as well as collaborative projects and presentations in the target language. A multimedia approach to the course increases the student's ability to comprehend the language and to produce the language orally. Prerequisite: SPA302

Credits: 3.00

SPA308

Hispanics In US

This course will cover the social, historical, and economic reasons for migration to the United States in recent times as well as the development of older Hispanic communities such as those in the Southwest. The course will include readings of Chicano, Puerto Rican, and Cuban literature, the study of Hispanic contributions to North American life and culture, and field trips to agencies in the Reading area that work closely with Hispanics. All readings and discussions will be in Spanish. (Latin American Studies)

Prerequisite: SPA302
Credits: 3.00

SPA318

Peninsular Spanish Civilization/Culture

An overview of Spanish history, society and the arts, from the time of the Romans and Visigoths to Franco and Post-Franco Spain. Readings, reports and examinations are in Spanish. Prerequisite: SPA 302 or permission. Concentration elective.
Credits: 3.00

SPA319

Latin American Civilization & Culture

An overview of the intellectual, artistic, and socio-political achievements of peoples in Latin America. Readings, discussions, reports, and examinations will be in Spanish. (Latin American Studies) Prerequisite: SPA302 or permission of instructor
Credits: 3.00

SPA325

Caribbean

This course focuses on the historical, political, social and cultural developments of the three Spanish-speaking countries in the Caribbean: Cuba, the Dominican Republic and Puerto Rico. Literary texts, political essays, historical documents, films and music in Spanish will be used to discuss important cultural aspects which these Caribbean countries have in common.
Credits: 3.00

SPA380

Topics in Literature & Culture

This course is designed to offer special topics of interest in Spanish literature and culture. Readings, discussions, reports and examinations will be in Spanish. (Latin American or European Studies) Prerequisite: SPA302
Credits: 3.00

SPA492

Seminar

This seminar begins with a discussion of anthropological views of culture. Hispanic cultures are presented through their traditions, values, and social structures; syncretism in Latin America also will be studied. Literary texts, essays, and video materials will serve as the basis for class discussion; students also will develop a term project. (Latin American or European Studies) Prerequisite: SPA302
Credits: 3.00

Special Education

SPE210

Introduction to Special Educ PreK-12

This course provides an introduction to the terminology, identification, and issues commonly encountered when addressing the needs of diverse students with disabilities. Emphasis will be placed on inclusion, diversity issues, federal and state legislative mandates pertinent to nondiscriminatory assessments, parental involvement, individualized education programs; and professional practice and foundations in special education. The course addresses the collaborative roles of a multidisciplinary approach to supporting children and youth with disabilities in a diverse society. Assignments include 20 hours of school-based observation and participation.

Credits: 3.00

SPE250

Child & Adolescent Literature for Educ K-12

In this course, we will study authors, readers, illustrators and their illustrations, scholars and theories, awards, and reviewing media of Children's and Adolescent's literature. By the conclusion of our study, you will be able to demonstrate an understanding of the history, traditions, and chief characteristics of literature written for and read by children and adolescents, the leading authors, illustrators, and scholars of the genre. You will know the primary facts and point of view for a variety of issues in children's and adolescent's literature including genre distinctions, academic status, gender politics and censorship. Throughout the course you will engage in critical thinking, analytical reading, discussion supported by research and textual evidence, and writing about children's and adolescent's literature. You will be knowledgeable regarding a wide variety of resources for the study and analysis of children's and adolescent's and be proficient at using these resources for writing a thesis driven research essay as well as classroom activities.

Credits: 3.00

SPE251

High Incidence

Students taking this course will develop their philosophies of education regarding inclusion and collaboration to promote the academic success of students who are Emotionally Disturbed, have Learning Disabilities, or Intellectual Impairments. The course addresses research-based practices in identifying learning differences, utilizing instructional strategies, in planning instruction and transitioning students both in the special education classroom and general classroom setting. Emphasis will be given to assessment strategies (both traditional and alternative), instructional methods and curriculum for students with high incidence disabilities. Learning theories for students with high incidence disabilities will be analyzed.

Credits: 3.00

SPE252

Low Incidence

Students taking this course will develop their philosophies of education regarding inclusion and collaboration to promote the academic success of students who have low incidence disabilities. These categories include autism, deaf/hard of hearing, physical impairments, and health impairments (including traumatic brain injury.) The course addresses research-based practices in identifying learning differences, utilizing instructional strategies, in planning instruction and transitioning students both in the special education classroom and general classroom setting. Emphasis will be given to assessment strategies (both traditional and alternative), instructional methods and curriculum for students with low incidence disabilities. Learning theories for students with low incidence disabilities will be analyzed.

Credits: 3.00

SPE340

Secondary Inclusive Classroom

This course focuses on strategies for general and special education pre-service teachers to meet the cognitive, emotional, social and behavioral needs of children with disabilities in the middle and secondary general education settings, with special focus on transitioning from elementary to middle school, middle school to high school and then to post-secondary goals. Pre-service teachers will learn methods for collaborative practices, curriculum development, instructional planning, identifying strengths of the child to differentiate instructional approaches, and supporting the cultural and linguistic diversity of children and families. Enrollment in this course is limited to students who have been admitted to Albright's Middle Level, Secondary Education, or K-12 Teacher Certification Programs. Candidates will complete a minimum of 10 hours of level one and two field work. Clearances are required.

Credits: 3.00

SPE380

PK-4 Inclusive Classroom

This course focuses on preparing pre-service teachers for the inclusive classroom setting. Emphasis will be placed on assessments and differentiating instruction to effectively meet the academic needs of students in the inclusive classroom. The course is designed to meet the needs of classroom teachers in today's inclusive classrooms, presenting a variety of teaching strategies that have been proven effective in educating both general and special education students. In addition, the course will present an overview of the learning characteristics of adolescents and youth with various disabilities and video demonstrations of effective teaching practices in inclusive classrooms at varying grade levels. The goals of this course are to have participants develop an understanding of the special educational needs of students with mild-moderate disabilities; to have participants develop a practical understanding and demonstrate proficiency in creating and implementing teaching approaches designed to accommodate the individual needs

of all students, both with and without disabilities.

Credits: 3.00

SPE401

Practicum in Special Education

This course is designed to have beginning teacher candidates learn about evidence-based practices in special education, gain firsthand experience with exceptional children or adults, experience the different types and levels of service delivery across the continuum, and reflect on how, when, and why specific evidence-based practices are implemented in public/private schools. Along with the classroom-based learning the student will also gain knowledge of the roles and administrative details of the special education teacher.

Credits: 3.00

SPE414

Student Teaching

Supervised practicum in teaching within K-12 Special Education classrooms, this experience provides opportunities for gradual assumption of full instructional responsibility during two placements. Every day, full-day for one semester, student teaching is under the guidance of classroom cooperating teachers and a college supervisor. Candidates complete a minimum of 12 weeks of level four field work. These courses are limited to students who have been admitted into the Professional Semester of Student Teaching. Prerequisite: SPE401

Credits: 5.00

SPE415

Student Teaching

Supervised practicum in teaching within K-12 Special Education classrooms, this experience provides opportunities for gradual assumption of full instructional responsibility during two placements. Daily, full-day for one semester, student teaching is under the guidance of classroom cooperating teachers and a college supervisor. Candidates complete a minimum of 12 weeks of level four field work. These courses are limited to students who have been admitted into the Professional Semester of Student Teaching. Prerequisite: SPE401

Credits: 5.00

SPE420

Student Teaching-Special Ed

Supervised practicum in teaching in the special education classroom. Joint supervision by school system and College personnel. Every day, full day for one semester. Open only to students who complete all necessary prerequisites. (Consult Education Department.)

Credits: 5.00

SPE421

Student Teaching-Special Ed

Supervised practicum in teaching in the special education classroom. Joint supervision by school system and College personnel. Every day, full day for one semester. Open only to students who complete all necessary prerequisites. (Consult Education Department. This second session is for those students who are concentrating on Special Education only. All other students will take one course unit in regular education student teaching and SPE 420 in Special Education student teaching.)
Credits: 5.00

SPE422

Spec Ed Prof Sem

A study of the research and materials for various models of teaching with the intent of securing objective feedback for making a sophisticated analysis of curriculum impact, teaching methods, and teacher/student interaction. (Student Teaching, both regular education and special education is to be taken concurrently.)

Credits: 3.00

SPE423

Spec Ed Prof Sem

A study of the research and materials for various models of teaching with the intent of securing objective feedback for making a sophisticated analysis of curriculum impact, teaching methods, and teacher/student interaction. (Student Teaching, both regular education and special education is to be taken concurrently.)

Credits: 3.00

SPE520

Inclusive Early Childhood Classroom

Credits: 3.00

SPE521

Children with Special Needs

Credits: 3.00

SPE540

Inclusive Middle & Secondary Classroom

Credits: 3.00

SPE541

Adolescents with Special Needs

Credits: 3.00

SPE600

EBI: High Inclusion

Credits: 3.00

SPE601

EBI: Low Inclusion

Credits: 3.00

SPE602

EBI: Social & Emotional Disabilities

Credits: 3.00

SPE636

Special Education Law

This course looks at law pertaining to special education and its relation to school and classroom operation. The legal basis of special education is studied and includes the history of special education law, the implications of law in the classroom, the future of special education law, due process litigations, and laws governing special education teachers. Major cases are reviewed. A simulative due process hearing is conducted to culminate the class.

Credits: 3.00

SPE640

Survey of Special Needs

This course concentrates on the teaching methods for children of different abilities, cultures and backgrounds; characteristics of exceptional children; awareness, appreciation and acceptance of cultures; and the role of individualization, problem solving, technology, decision making, and parental and community involvement in meeting the needs of the classroom. The course is aimed at helping future teachers, both in special education and the other education programs, understand the ever-changing nature of the inclusive classroom.

Credits: 3.00

SPE660

Spec Ed Practices & Procedures

Credits: 3.00

SPE661

Adaptive Technology

Credits: 3.00

SPE664

Collaboration & Consultation

Credits: 3.00

SPE672

K-12 Special Education Methodology

This course emphasizes teaching strategies, methods, curricula and classroom

management for teaching students with all levels of special education needs at the elementary, middle and secondary levels. Students will study procedures for specialization, modification and/or adaptations of materials and curriculum for these students as well as learn how to develop and teach programs for individualized instruction. Knowledge of theory as well as 25 hours field experience will be required.
Credits: 3.00

SPE673

Special Education Practicum

This course is designed to have students learn about evidence-based practices in special education, gain firsthand experience with exceptional children and adolescents, experience the different types and levels of service delivery across the continuum, and reflect on how, when, and why specific evidence-based practices are implemented in public/private schools. Along with classroom-based learning, the student will also gain knowledge of the roles and administrative details of being a special education teacher.
Credits: 3.00

SPE703

Special Education Student Teaching

Credits: 3.00

SPE708

Special Education Professional Seminar

A study of the research and materials for various models of teaching with the intent of securing objective feedback for making a sophisticated analysis of curriculum impact, teaching methods, and teacher/student interaction. (Student Teaching, both regular education and special education is to be taken concurrently.)

Credits: 3.00

Theatre

THR101

Creative Process

Creativity takes many forms and contributes to every field of study. Visual, narrative, spatial, and performative expressions of ideas all contribute to the collaborative art of theatre. In this participatory class, students will gain confidence in their individual intuitions and in the collaborative process as they explore different types of creative expression. Students will build their own aesthetic framework as they practice critiquing works of art. GENERAL STUDIES FOUNDATIONS- FINE ARTS
Credits: 3.00

THR110

Introduction to Theatre Technology

Students in this class will experience the ways in which the craft of theatre make the art of performance possible. This course examines the skills utilized by stagehands and technicians in the theatre and entertainment industries. Students will break away from the traditional classroom lecture environment and will explore the subjects of stage electrics, scenic carpentry, scenic painting, and stage crew through experiential learning and hands-on projects.

Credits: 3.00

THR150

Acting Studio I

This course introduces and explores the fundamental principles of acting for the stage. In a studio environment, students apply the requisite vocabulary for communicating within the performing arena through exercises and techniques that hone a thorough understanding of the process involved in creating a character - a process that utilizes body, mind and voice. Satisfies general studies fine arts requirements. FOUNDATIONS-FINE ARTS

Credits: 3.00

THR183

Introductory Special Topics

Introductory Special Topics

Credits: 3.00

THR201

Production Experience

Students gain practical experience by participating in the Domino Players' theatrical productions as performers, technicians, designers or stage managers. No previous experience is required; however, individual production assignments are determined by the faculty based on auditions and student competencies. Students must complete a minimum of 45 hours on the production to be eligible for credit; some assignments require more hours than the minimum. Most assignments entail evening and weekend rehearsals and performances. This is a non-credit course. Graded Q/NQ. Prerequisite: Instructor Permission

Credits: .00

THR210

Design Fundamentals

Where do those cool ideas come from? How do I connect with this play? How do I explain my ideas to myself, to others? This class will explore these and more. Through projects and peer- review, you will be given tools and techniques for approaching the design process for the theatre. You will be expected to explore and explain your own ideas and question and comment on the ideas of your peers. Active two-way feedback intended to

move the creative and collaborative process forward is the theme around which your work will evolve.

Prerequisite: THR101

Credits: 3.00

THR211

Stagecraft

A survey of the various materials and construction techniques used to build stage settings. Wood working, metal working, rigging and other skills are explored. Basic construction of stock scenic units is applied to both projects and actual production's scenery.

Credits: 3.00

THR212

Theatre Electrics

An in-depth exploration of the techniques and technologies used to create lighting effects for live events. From fog to phase controlled dimmers, from pink to pattern projection, and from cues to cable gauge, this course investigates it all.

Credits: 3.00

THR213

Audio Technology

A comprehensive consideration of audio equipment and sound reproduction techniques. Concert sound, theatrical sound design and recording engineering are part of the scope of the course.

Credits: 3.00

THR214

Stage Makeup

In this class the students will develop an understanding and skills necessary to design and execute 2-dimensional Stage Makeup within the educational and professional theatre worlds. Application techniques, makeup Morgue development and a student portfolio will be created.

Credits: 3.00

THR220

Costume Construction

This course will explore the techniques of costume and period clothing construction. The class will cover the history of garment pattern development, sewing techniques and the creation of historic clothing using modern patterning and sewing techniques. As a final project for this class, students will be expected to create a complete period costume from concept to wearable three-dimensional garments. Cross-listed under FAS 220

Credits: 3.00

THR235

Major Playwrights & Theatre Topics

These courses focus on major playwrights, dramatic forms or significant intellectual issues in world drama. Satisfies general studies literature requirement

Credits: 3.00

THR250

Acting Studio II

Advancing on the experiences of Acting Studio I, this course focuses attention on the specific process of preparing a role from existing text. Particular emphasis is given to psycho-physical energy, vocal stamina and textual analysis. Additional objectives relating to the demands of specialized performance techniques (such as period movement, verse speaking, performance art or physical comedy) are selected each semester. Prerequisite:

THR 150

Credits: 3.00

THR252

Acting for the Camera

This course explores the fundamental principles of acting for the camera. In a studio environment, students engage in weekly exercises and scene studies aimed at assisting them make a nuanced transition from stage to screen. Emphasis will be placed on the development of a keen appreciation for the symbiotic relationship between actor and camera, the acquisition of a working knowledge of film and television terminologies/practices, and the expansion of the performer's range of emotional, intellectual, physical, and vocal expressivity within the arena of mediated performance.

Prerequisite: THR150

Credits: 3.00

THR255

Improviseational Theatre

This studio workshop explores the vocabulary and techniques utilized by actors within the world of improvisational theatre. Intensive, performance-based studio sessions introduce then hone essential skill sets through a series of movement and language exercises. Daily production meetings lay the foundation for a culmination in a public performance. Finally, there will be a critique of original work that intends to test the participant's application of the skills developed during the studio workshop.

Credits: 3.00

THR260

Playwriting

This course is designed as an introduction to basic playwriting structure and technique, as well as a survey of relevant dramatic literature. Students will complete writing exercises designed to enhance their dramatic writing skills and expand their theatrical horizons. Among other assignments and writings, students will write and revise a ten-

minute and one-act play. General Studies Foundations-Fine Arts FOUNDATIONS-FINE ARTS

Credits: 3.00

THR280

Script Analysis

This course is devoted to the textual analysis of playscripts from the perspective of the theatre practitioner. Students will analyze a range of plays for their formal components, and will draw conclusions about genre and style. Students will analyze scripts for their production requirements from the vantage points of performers, designers, directors, and managers. Satisfies one requirement for a Theatre concentration or combined concentration.

Credits: 3.00

THR283

Intermediate Special Topics

Intermediate Special Topics

Credits: 3.00

THR287

History of the American Musical

This course engages in a panoramic view of the American Century through the lens of one of its most inimitable creations -- the Broadway Musical. From this vantage point we examine compelling connections between the historic and artistic development of this quintessentially American of all art forms with the socio-economic, cultural, political, and technological advances that fueled its' inception, zenith, decline, and contemporary rebirth. Throughout our journey, students will develop a strong, interdisciplinary arts vocabulary of elements, theories, and practices that will enable us to hone a keen appreciation for the collaborative process involved of "putting together" a musical theatre work for the live commercial stage. With our skills finely tuned, we will then focus our learned attention toward a capstone project aimed at helping us predict Broadway's future marketplace and cultural impact. General Studies Connections

Credits: 3.00

THR288

Great Ages of Theatre I

This survey course introduces students to the history, critical theory and literature of the major eras of western theatre from 500 BC to the 18th century. The student also studies the theatre architecture and theatrical conventions of each era in order to understand how theatre arts reflect society and culture. Satisfies General Studies Connections requirement.

Credits: 3.00

THR289

Great Ages of Theatre II

The goal of this course is to track the development of the modern approach to theatrical production. In doing so, the student will trace the evolution of the modern designer and director. Beginning with the Romantic period, the course will trace the path of dramatic literature and production through the twentieth century. CONNECTIONS-HUMANITIES

Credits: 3.00

THR310

Stage Management

This course will introduce students to the functions and responsibilities of a theatrical stage manager. Students will learn about this keystone of the collaborative process from pre- to post- production and become proficient with industry standard vocabulary and paperwork. This course will be a mix of lectures, discussions, and hand-on projects. As Theatre is a collaborative art form and effective communication is one of the most important skills for a stage manager to master, your participation in all class activities administered in class or via Canvas is essential. The course will utilize in class presentations and video responses via Canvas to help us establish a sense of community and to practice and improve verbal communication skills.

Credits: 3.00

THR311

Scenography

An in-depth study of the process of creating an environment for a performance event. Text analysis, design fundamentals and interpretive skills are applied to a series of projects that will be peer reviewed. Prerequisite or Corequisite: THR210

Credits: 3.00

THR312

Designing with Light

This course is dedicated to the study of light as a design medium. After obtaining a clear understanding of the nature of the medium, the focus will turn to its application to other art forms. Architecture, painting, and theatre are some of the areas that make heavy use of light to alter and augment the presentation of their respective works. The student will be encouraged to explore the application of lighting to their own area of artistic endeavor to gain more fruitful and complete expression of their ideas. Prerequisite or Corequisite: THR210

Credits: 3.00

THR320

Stage Costuming

This course is an introduction to the process of costume design and production. Topics covered include period costume research, play analysis, budgeting, and costume rendering. Also, this course will introduce costume studio personnel and their responsibilities in the costume design/production process. Prerequisites: THR210 or

Permission from instructor.

Credits: 3.00

THR350

Directing Studio

This course examines the theoretical and practical aspects of directing for the stage. Topics include: the structural analysis of dramatic texts; the actor/director relationship; rehearsal techniques; articulation of a director's vision for a play; the director/designer relationship; visual and spatial dynamics; and the art of problem-solving. Participants direct scenes or short plays and are encouraged to create original works. Prerequisite: THR 150

Credits: 3.00

THR361

Screenwriting

This course explores the fundamentals of storytelling utilizing the tools and structure used by television and film. Students will learn basic screenwriting structure and technique. Students will complete writing exercises designed to enhance their dramatic writing skills and expand their creative horizons. Among other assignments and writings, students will write and revise three short films.

Credits: 3.00

THR379

Great Ages of Theatre II

The goal of this course is to track the development of the modern approach to theatrical production. In doing so, the student will trace the evolution of the modern designer and director. Beginning with the Romantic period, the course traces the path of dramatic literature and production through the 1960's.

Credits: 3.00

THR381

Advanced Reading

Independent work at this level is designed to allow the student to improve competence in an area of concentration or related area of interest. The instructor will assist the student in developing a bibliography to be attached to the application form. Minimum biweekly meetings may be scheduled. One or two course units may be taken on this level.

Credits: 3.00

THR382

Intermediate Internship

Work at this level is designed to allow the student to gain experience and improve competency in an area of concentration. The activities associated with this type of internship require the student to have completed at least introductory concentration course work.

Credits: 3.00

THR383

Advanced Special Topics

Advanced Special Topics

Credits: 3.00

THR388

Postmodern American Drama

This course explores the themes, theories and theatrical techniques of the contemporary British and European stages. Students study the works of several major British/European playwrights, their use of traditional and nontraditional methods of stage production and their exploration of the diminishing role of nationalism inherent to the ever-changing face of contemporary Europe. Also satisfies English concentration requirements.

Credits: 3.00

THR389

Postmodern British & European Drama

This course explores the themes, theories and theatrical techniques of the contemporary British and European stages. Students study the works of several major British/European playwrights, their use of traditional and nontraditional methods of stage production and their exploration of the diminishing role of nationalism inherent to the ever-changing face contemporary Europe. Also satisfies English concentration requirements.

Credits: 3.00

THR401

Advanced Production Experience

Senior theatre concentrators will conduct a significant applied project as supervised and approved by the theatre faculty. Proposals must be submitted to the theatre faculty by April 15 of the junior year. All students will submit preliminary research before the production, and documentation and reflection afterwards, according to written guidelines approved by the faculty advisor. Prerequisites: senior standing, and faculty approval of a completed proposal.

Credits: 3.00

THR482

Advanced Internship

Internships at this level involve a great degree of responsibility and involvement.

Enrollment requires the student to have completed extensive course work in an area of concentration.

Credits: 3.00

THR491

Senior Seminar in Theatre

A capstone course in which students address the issues and professional opportunities of contemporary theatre. Specific topics will vary from year to year, depending on the interests of senior students and faculty. Students will develop and present senior projects that synthesize their undergraduate experiences. Prerequisite: Senior standing
Credits: 3.00

Women and Gender Studies

WGS200

Understanding Sex/Gender/Sexuality

Is gender merely a matter of biology? Or is it an identity we perform through the way we move, the relationships we choose, the culture we create, the politics we espouse. This course is an introduction to the basic content, theories, and methods of women's and gender studies. We will explore the ways in which society constructs gender, the ways in which people develop gender identity, and the ways in which gender intersects with race and class identities. We will also explore issues surrounding sexuality: sex, reproductive health, and sexual orientation. We will investigate how different ideologies of sex and gender affect our everyday lives. CONNECTIONS

Credits: 3.00

WGS210

Introduction to Women's and Gender Studies

Is gender merely a matter of biology? Or is it an identity we perform through the way we move, the relationships we choose, the culture we create, the politics we espouse? This course is an introduction to the basic content, theories, and methods of women's and gender studies. We will explore the ways in which society constructs gender, the ways in which people develop gender identity, and the ways in which gender intersects with race and class identities. We will also explore issues surrounding sexuality: sex, reproductive health, and sexual orientation. We will investigate how different ideologies of sex and gender affect our everyday lives. CONNECTIONS-HUMANITIES

Credits: 3.00

WGS220

LGBTQ Media, History & Culture

How have our understandings of sexuality and gender evolved over time? What roles have activists, artists, and iconoclasts played in achieving legal rights and societal recognition? This course provides a critical introduction to the interdisciplinary field of Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) studies, with a particular focus on media and cultural representation. Our readings and assignments will examine historical definitions and expressions of LGBTQ identities, social movements and advocacy groups, recent political advances such as the U.S. legalization of same-sex marriage, and influential representations. Additionally, we will consider how sexual orientation intersects with other

aspects of identity such as race, class, and gender, and how LGBTQ experiences differ among cultures. Students are encouraged to apply course material to their own fields of study.

Credits: 3.00

WGS309

Pandemics: Power & Equity Interconnected World

In this synthesis course, we will take an interdisciplinary approach to the study of pandemics—past, present, and future. We will start by unpacking the past, through the analyses of previous pandemics, and the ways in which medical, cultural, political and economic structures have shaped them. We will highlight the inequitable impact of pandemics on specific populations and policies that can overcome these inequities. The instructors in this course will model an interdisciplinary approach and the students will apply the scope and methods of their own studies to pandemic planning. Throughout the course, we will draw on the work of the social sciences, humanities, fine arts, quantitative fields, and natural sciences as we seek to explore this subject matter.

Credits: 3.00

WGS400

Women's & Gender Studies Seminar

Addressing developments in the new scholarship on women and in feminist theory and methodology, the seminar focuses on topics from different disciplines and affords students the opportunity to present their own scholarly work in the field. Topics vary from year to year and take advantage of the wide range of expertise of faculty specializing in women's studies fields. Major focus in this seminar course is on issues related to past, present and future constructions of gender in the United States.

Credits: 3.00

WLC207

Medical Terminology

This course is intended to provide students with the skills and tools necessary to succeed at Albright College and beyond in both the languages/humanities and the sciences. In this course we will learn how to identify and use prefixes, roots, and suffixes of words to convey complex meanings and we will apply our understanding of the language of medicine (and ultimately the biological sciences in general) through the examination of case studies in medicine and investigation into the historical context(s) of ancient medicine and science.

Prerequisite: BIO151

Credits: 3.00