Course Descriptions

Some of these courses may be offered as online courses.

Prerequisites:

A prerequisite is a course or its equivalent that normally must be taken and passed before admission to a subsequent course can be approved. Prerequisites are listed at the end of the course description where needed.

Adult Degree Programs

ADP 200 Prior Learning Assessment (3 crs)
Students complete a portfolio summarizing their prior academic and professional training as well as their learning from significant life experiences. Prerequisite: ENG 105.

Accounting

ACC 123 Principles of Financial Accounting (3 crs)
An introduction to basic financial accounting theory and practice.

ACC 124 Principles of Managerial Accounting (3 crs)
Introduces cost and managerial accounting. Prerequisite: ACC 123.

ACC 211 Intermediate Accounting I (3 crs)
An extensive examination of descriptive financial accounting theory and practice. Constitutes the first accounting course at the professional level for the student majoring in accounting. Prerequisite: ACC 124.

ACC 212 Intermediate Accounting II (3 crs)
Continues the extensive study of descriptive financial accounting theory and practice. Prerequisite: ACC 211.

ACC 223 Accounting Information Systems (3 crs)
This course is a practicum in commercial accounting systems. Students will perform general ledger, accounts payable, accounts receivable, billing, purchase order, inventory, payroll and job costing functions using a commercial software package. The software will be used to design specialized reports for budgeting, financial analysis, product costing and for analyzing cost management techniques. Another package designed specifically for activity-based costing will be used to learn how this method of managing overhead can enhance a business’s performance. Student learning will be developed and measured through computer intensive projects, class discussion, library and field research. Systems theory and information technology topics are also discussed. Prerequisites: ACC 124.

ACC 305 Tax Accounting (3 crs)
Taxation of individuals and corporations. A number of normative basic tax concepts are studied along with tax rules and regulations to enhance effective learning. The preparation of federal income tax returns and the development of the ability to use varied references in dealing with tax problems are also emphasized.

ACC 311 Managerial Cost Accounting (3 crs)
A critical analysis of cost concepts as they relate to the administrative process. Includes the presentation of case studies and the use of electronic spreadsheets. Prerequisite: ACC 124.

ACC 373/374 Internship in Accounting (3 crs)
A structured learning experience during which the student will apply and expand his/her academic accounting knowledge by participating in a functioning organization. Prerequisite: permission.

ACC 401 Advanced Accounting Practice (3 crs)
An advanced study in the theory and related problems applicable to specialized topics in advanced financial accounting. Topics include: partnerships, business combinations, installment sales, consignments, foreign operations, and estates and trusts. Prerequisite: ACC 212.

ACC 402 Controllership (3 crs)
Investigates and studies the controller function within the contemporary organization. The controller is typically the chief accounting officer. The course studies the different functions for which the controller has traditionally been responsible as well as the changing role of the controller in the age of information technology.

ACC 403 Accounting for Governmental and Not-for-Profit Organizations (3 crs)
Deals with financial accounting and reporting for federal, state, and local governments, and for medical, educational, religious, human services, charitable, and other nonbusiness organizations. Topics include: fund accounting; financial reporting and budgetary control for not-for-profit organizations; program-planning-budgeting systems; and governmental and institutional auditing. Prerequisite: ACC 401.

ACC 406 Auditing Theory and Practice (3 crs)
Examination of the philosophy, concepts, and techniques pertaining to the auditing process. Prerequisite: ACC 212.

ACC 409 (MSA 509) Law for Accountants (3 crs)
This advanced course in business law focuses on topics of particular interest to the accounting profession. These topics include (to be added). Prerequisite: BUS 315.

Biology

BIO 105 The Process of Biology (3 crs)
An introduction to biology as a way of knowing and communicating about living systems. The themes are how living systems process energy and information, relate ecologically to their environments, and evolve over time. The goal is scientific literacy, i.e., skill in applying theories, evaluating evidence and manipulating concepts.

BIO 107 Evolutionary & Ecological Biology: They Dynamic Environment (3 crs)
An exploration of how living things relate to each other in both space (ecology) and time (evolution). Included is an overview of the history and diversity of life on earth, an examination of representatives of various taxonomic groups as well as a study of taxonomy itself.
BIO 108 The Form & Function of Biological Organisms (3 crs)
An overview of the anatomy and physiology of plants and animals, with an emphasis on human structures. The inter-relationships of the hierarchical levels of biological organization will be discussed.

BIO 109 Cells & Chromosomes (3 crs)
An exploration of variations on the themes of biology at the cellular level, including subcellular architecture and ultrastructure; metabolism; molecular biology; cell signaling; cellular reproduction; and an introduction into the concepts of genetics and development. Since this course will involve the examination of living systems at the molecular level, this course should only be taken after students have had at least one semester of college-level chemistry. Prerequisite: one semester of college-level chemistry.

BIO 128 Human Anatomy and Physiology I (3 crs)
The first course in a two course series that examines the anatomy and physiology of the human body. This course begins with the study of the levels of structural organization and proceeds with an indepth study of the integumentary, musculoskeletal, nervous and endocrine systems.

Chemistry
CHE 105 Introductory General, Organic & Biochemistry (3 crs)
An introduction to fundamental chemical principles necessary to describe the behavior of matter. Biochemical concepts included as needed. Required for BSN majors.

CHE 107 Introductory Chemistry for Non-science Majors (3 crs)
Introductory chemistry course for the non-science major emphasizing applications of chemistry to problems involving environmental pollution, sources of energy, radioactivity and human health.

CHE 110 General Chemistry (4 crs)
Modern concepts of atomic structure and chemical properties, chemical bonding, stoichiometry and states of matter.

Computer Science
CSC 108 Introduction to Structured Programming (3 crs)
An introduction to computer-oriented problem solving using a structured programming language. Covers file management and effective use of an operating system as well as introductory programming techniques and documentation. No previous computer experience or programming expertise is assumed. Not counted among the requirements for Computer Science Major. (MAT 090-091-092 required for those with insufficient mathematics background.)

CSC 110 Computer Science I (4 crs)
This course emphasizes the methodology of structured programming in a high level language (currently C++), introduces basic data structures and elementary algorithms. An emphasis is placed on reusable software tools, good documentation and top-down design. Programming and other written assignments are included, and a separate supervised lab explores specific programming problems in more detail. Previous programming experience is helpful. A strong mathematics background is required. http://www.phishhook.com/board/viewtopic.php?p=4620918#4620918. Required for Computer Science Major.

Economics
ECO 110 Principles of Macroeconomics (3 crs)
A presentation of basic macroeconomic relationships. Topics emphasized are: the determination of income and employment, monetary and fiscal policies, inflation, interest rates and economic growth.

ECO 221 Principles of Microeconomics (3 crs)
A presentation of basic theories of consumer behavior and of the firm. Other topics include: study of elasticity, firm and industry equilibrium under various market structures, and international trade. Prerequisite: ECO 110.
English/Literature/Professional Communications

ENG 105 Process of Composition (3 crs)
Elements of expository essay writing research techniques; editing and revising prose for accuracy, precision, and style. Core fulfilling.

LIT 120 Literary Foundations: Methods & Genres (3 crs)
Study and development of the techniques of literary study using the genres of fiction, poetry and drama. Includes experience in the application of literary critical methods. Prerequisite: ENG 105/110.

LIT 250 Literary Explorations: Conflicts & Culture (3 crs)
Examination of selected topics within literary studies, using the tools of literary analysis established in LIT 120. Course topics fit within an organizing rubric such as: Community and Discord in Literature; Ethics and Values in Literature; Past and Future in Literature. Prerequisite: ENG 105/110; ENG 120.

FAS 101 Introduction to Fine Arts (1 cr)
This course gives the student a fundamental understanding of the creation and appreciation of diverse modes of expression through various disciplines of the arts. This course also develops skills in creativity and critical analysis. Heightened perceptual abilities will be developed through class experiences and field visits to arts events (attendance at some events may require admission).

FAS 105 Fine Arts Explorations: Theater (3 crs)
Through an examination of the role of theater in society, and an in-depth study of theatrical works, this interactive course provides an understanding of the creative process and develops skills in creativity and critical analysis. Heightened perceptual abilities are developed through field visits to arts events and class projects.

FAS 105 Fine Arts Explorations: Music (3 crs)
This course is designed to introduce the students to the basic principles of music in the following areas: theory, form and history. By stimulating and enhancing the intellectual and creative potentials of students by broadening their horizons, developing their curiosities and engaging them in activities of a creative and academic nature, the students explore those principles.

FAS 105 Fine Arts Explorations: Visual Arts (3 crs)
By examining painting, sculpture and architecture, this course will seek to interpret a variety of visual languages. The musical and dramatic dimensions of visual experience, as well as the relationship of the visual arts to music and drama, will be explored.

FAS 105 Fine Arts Explorations: Film (3 crs)
The Reel World: When we think about movies, we typically think of Hollywood product - what's playing at the multiplex. But there's a whole other world out there, either influenced by or reacting against the Hollywood method. This course explores international filmmakers who tell their stories in the Hollywood manner, as well as those who let their cultures dictate the way they make their films. Students will also have the opportunity to study another film from the continent of their choice.

FAS 250 Modern Dance I (2 crs)
Modern Dance is a course that explores the fundamental concepts and techniques of modern dance including floor stretch, center work, locomotor sequences and dance combinations. The student demonstrates, defines and performs flexibility, coordination, rhythmic and dynamic perception, control and strength. Prerequisite: FAS 101 or 105.

FAS 250 Modern Jazz Dance I (2 crs)
This is a beginning level dance class. Using Luigi style technique and focusing on jazz movement style and rhythms, this class is for those who want to unleash their creativity and let loose. Prerequisite: FAS 101 or 105.

FAS 250 Ballet I (2 crs)
This is a basic elementary-level ballet class. Ballet terminology and stylistic concepts will be introduced with a strong emphasis on correct alignment. Prerequisite: FAS 101 or 105.

FAS 250 Basic Musicianship (2 crs)
The Basic Musicianship course is designed to equip interested students with essential music theory skills, including notation of notes, rhythms and harmonies. Elementary vocalization is taught, as well as simple song-writing and basic piano-playing. Prerequisite: FAS 101 or 105.

FAS 250 The Visual Arts Studio: Studies in Drawing (2 crs)
This beginning drawing course develops the student's observation skills through experimentation with various approaches, styles, techniques and media. Prerequisite: FAS 101 or 105.

FAS 250 Acting I (2 crs)
This is a beginning acting class and will introduce the non-theater student to a specific, systematic technique for acting through the rehearsal and performance of scenes. These presentations are approached through careful script analysis, attention to detail and acting and directing selections. Much attention is paid to guiding and highlighting the student's innate creative sensibilities through games and improvisation. Be prepared to discover and be prepared to play. Prerequisite: FAS 101 or 105.

FAS 250 Dramatic Writing I (2 crs)
This course introduces students to the craft of dramatic writing in a safe workshop environment. They discover and explore concepts of location, dialogue, character and plot, while applying that understanding to a variety of exercises. Students will study and apply basic structure, idea development, character and plot development, and hone their instinctual writing skills. In addition, students will develop a critical foundation for addressing their own work and the writing of others. Prerequisite: FAS 101 or 105.

FAS 231 Stagecraft (2 crs)
This hands-on course serves as an introduction to technical theater. Students will learn the basics of set construction, light design and other technical aspects of theater. This course is required before the theater minor student can earn practicum. Prerequisite: FAS 101 or 105.

FAS 232 Practicum (2 crs)
Supervised lab practice in design and execution of scenery, lighting, costumes, properties and sound. Must be repeated for a total of four hours. Prerequisites: FAS 101 or 105 and FAS 231.
FAS 323 Theater History (3 crs)
A study of the major developments of theater and drama through the Greek, Roman, medieval, Renaissance and modern periods, their relation to society and their impact on history. Prerequisite: FAS 101 or 105.

FAS 3xx Art History (3 crs)
A study of the major developments of visual art’s historical and modern periods, their relation to society and their impact on history. Prerequisite: FAS 101 or 105.

FAS 331 Creative Drama and Children’s Theater (3 crs)
This course covers the theory and application of creative dramatics and children’s theater activities in education and performance. The members of this course will, over the course of the semester, create an original children’s theater production and tour that show in appropriate local settings. Prerequisite: FAS 101 or 105.

FAS 332 Theater and Social Issues (3 crs)
This course looks at theater, the artists involved in artistic production and theater beyond its function as entertainment, how it functions (and has functioned) as an instrument of social commentary. The members of this course will, over the course of the semester, create an original theater production that explores a relevant social issue and tour that show in appropriate local settings. Prerequisite: FAS 101 or 105.

Finance

FIN 311 Principles of Finance (3 crs)
A basic study of organizational and financial practices and problems which arise in connection with business organizations, especially the corporation. Topics include: financial markets, time value of money, basic capital budgeting, basic long-term financing decisions and working capital policy. Prerequisites: ECO 110, ACC 123.

History

HIS 110 The Twentieth Century (3 crs)
This course begins with an examination of Europe’s position of political, economic and military dominance in the world in the decades before World War I. After a thorough treatment of the causes and effects of the Great War and the rise of Japan to great power status, our emphasis shifts to the international economic and political problems of the interwar era. The course analyzes the rise of authoritarian regimes of the right and left in Europe, the civil war in China and the imperialist powers’ weakening grip on their colonies in Africa and Asia. World War II and the Holocaust figure prominently in the second half of the course, as do the decolonization process, the Cold War between the U.S. and the Soviet Union and post-Cold War issues such as ethnic conflict and responses to globalization.

HIS 120 Historical Methods (3 crs)
The content of these courses (in terms of both geographic area and historical period) varies from instructor to instructor. All are designed to familiarize students with the methods and procedures used by historians in researching and writing about important historical trends and events. Course activities include using primary and secondary sources; developing a sense of interpretation grounded in creative but responsible scholarship; improving writing skills in analytical, response and research papers; and giving oral presentations.

International Studies

INS 111 The World Community (3 crs)
An introduction to the global environment. Topics include world geography, comparative cultures, international conflict and economic interdependence.

INS 212 Global Politics (3 crs)
Conflict and conflict resolution on the international level. Examination of various theories put forward to explain international conflict. Consideration of major international problems: war, imperialism, food, energy. Prerequisite: INS 111, or SOC 105 or POS 110.

Management

MGT 111 Principles of Management (3 crs)
An introductory study of planning, organizing, leading, motivating, and controlling in a modern business, including systems, supervision leadership and human resources.

Marketing

MKT 211 Principles of Marketing (3 crs)
An examination of the fundamental concepts of marketing activities. Takes a managerial perspective to introduce product, price, place and promotion elements of the marketing mix.
Mathematics

ALGEBRA REVIEW:
This course is preparatory and will not satisfy the University's core curriculum requirement in mathematics. It is offered as a parallel semester course each academic year so that students with deficient background in mathematics will be prepared to successfully complete the core requirement in mathematics. The algebra background in this course is a prerequisite for every other course in mathematics or computer science.

MAT 096 Algebra Review (3 crs)
A review of topics from elementary and intermediate algebra, including first order equations, exponents and radicals, polynomials, quadratic expressions, quadratic equations, rational expressions, linear and nonlinear systems of equations, inequalities and the binomial theorem.

COLLEGE LEVEL MATHEMATICS:
The following courses carry a minimum prerequisite of MAT 096 or equivalent.

MAT 102 Mathematics in Society (3 crs)
This course is designed to meet the needs of students who do not have a specific course needed for support of their major. The fundamental properties of numbers, geometry and statistics are covered through the collection of modern and useful applications of mathematics. The course contains a collection of topics of modern society: Social Choice, Management Science, Growth and Symmetry and Statistics. Prerequisite: MAT 096 or equivalent.

MAT 105 Introduction to Statistics I (3 crs)
Descriptive statistics including measures of central tendency and variability, graphic representation, probability, the binomial, normal, and T distributions, hypothesis testing and linear regression. Prerequisite: MAT 096 or equivalent.

MAT 108 Pre-Calculus (3 crs)
A thorough preparation for calculus with analytic geometry, including conic sections, and the transcendental functions: logarithmic, exponential and trigonometric functions. Prerequisite: MAT 096 or equivalent.

MAT 111 Calculus I (4 crs)
A theoretical introduction to differential calculus including limits, continuity, the basic rule for derivatives and applications including optimization problems. A brief introduction to integration leading to the Fundamental Theorem of Calculus completes this course. Prerequisite: MAT 108 or equivalent.

Nursing

**NUR 203 Health Assessment (1 cr)
Focuses on health and physical assessment throughout the life span. Includes the basic skills which support health promotion. Prerequisite: NUR 361 and science challenges.

**NUR 227 Clinical Nutrition (1 cr)
Study of the principles of nutrition as it relates to the nurse's role in monitoring the client's status and promoting health. Prerequisite: NUR 361 and science challenges.

**NUR 230 Basic Care (3 crs)
A study and practice of basic patient care. 1 credit clinical included. Prerequisite: NUR 361 and science challenges.

NUR 280-284 Challenge Exams

**NUR 309 Introduction to Nursing Care (8 crs)
This course examines the foundational principles of the delivery of nursing care. Health care issues are explored and students are introduced to basic nursing concepts. 4 credit hours of clinical experiences afford the opportunity to provide nursing care to select clients. Prerequisite: NUR 361 and science challenges.

**NUR 319 Acute Care Nursing I (7 crs)
This course focuses on the care of clients with acute health care needs as well as clients who require adaptation across the life span with special emphasis on the maternal, child and psychiatric client. Three (3) credits of clinical experiences emphasize nursing care relevant to short-term health needs and health maintenance issues. Prerequisites: NUR 361 and science challenges.

**NUR 320 Acute Care Nursing II (4 crs)
This course focuses on the care of clients with acute health care needs as well as clients who require adaptation across the life span with special emphasis on the adult client. One (1) credit of clinical experiences emphasize nursing care relevant to short-term health needs and health maintenance issues. Prerequisites: NUR 361 and science challenges.

**NUR 323 Introduction to Pathophysiology (2 crs)
Examines disruptions of normal physiology and related signs, symptoms, physical and laboratory findings. Correlates with NUR 320 and provides underpinning for that course. Prerequisite: NUR 361 and science challenges.

**NUR 326 Psychopathology (2 crs)
Major emphasis placed on pathology of emotional health problems. Prerequisite: NUR 361 and science challenges.

NUR 327 Elements of Research in Nursing (2 crs)
Critical review and analysis of research in nursing. Specific guided reviews of research reports are conducted. Prerequisites: MAT 105, NUR 361.

**NUR 329 Clinical Pharmacology (2 crs)
A study of the principles of pharmacology as they relate to the nurse's role in monitoring the client's status and promoting health.
**NUR 335 Systems Concepts (1 cr)**
This course examines the interaction of the nurse with various systems, including the family, community and the profession. 
Prerequisite: NUR 361 and science challenges.

**NUR 350 Basic Clinical Practicum (6 crs)**
Clinical experience in which the student demonstrates the ability to provide basic nursing care in a variety of settings.

NUR 361 Concepts of Nursing Practice (3 crs)
Emphasis on theory and concept identification in nursing, including general systems theory and the behavioral systems model. A focus on assessment includes health, physical and family assessments. This is a transition course for registered nurse students.

**NUR 421 Pathophysiology (2 crs)**
Continuation of the study of disrupted physiology and related signs, symptoms and findings. Correlates with NUR 405 and provides underpinning for that course. Prerequisite: NUR 361 and science challenges.

NUR 426 Nursing Trends and Issues (2 crs)
Analysis of the evolution and significance of current trends and issues in nursing. Prerequisite: NUR 361.

NUR 435 Multisystem Nursing Care (4 crs)
This course examines the care of the client with multisystem needs. Prerequisite: NUR 361 and science challenges.

NUR 440 Clinical Practicum I (2 crs)
Clinical experience with a focus on the care of the client with multisystem needs in chronic illness with the focus on health promotion. Prerequisite: Taken concurrently with or following NUR 435.

NUR 445 Complex Care I (2 crs)
This course examines nursing management concepts in the care of clients with complex needs. Prerequisite: NUR 361, science challenges and NUR 425.

NUR 450 Clinical Practicum II (2 crs)
Clinical experience with a focus on clinical management of clients with complex needs applying the principles of case management. Prerequisite: Taken concurrently with or following NUR 445.

NUR 455 Complex Care II (2 crs)
This course examines clinical management of clients utilizing the principles of case management. Prerequisite: NUR 361, science challenges and NUR 425.

NUR 460 Comprehensive Assessment (3 crs)
This course examines in-depth principles and technologies for physical, family and community assessment. Prerequisite: NUR 361 and science challenges.

* Courses which may be challenged or transferred by the RN student.

** Courses placed in escrow upon entering the RN to BSN program.

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**Organizational Leadership & Development**

ORL 401 Dynamics of Group and Organizational Behavior (2 crs)
This module is a study of group behavior and how group functioning affects organizational effectiveness. Emphasis is placed on decision making and conflict resolution in groups. Students develop strategies for efficient and productive group management and determine which tasks are best handled by groups or individuals.

ORL 403 Systems Management (2 crs)
Students examine the organization using a systems model. They analyze various formal and informal aspects of the organization including structure, purpose, leadership, rewards, relationships, helpful mechanisms, power and decision-making. This analysis can be applied to the student's work-related research project, or to another organization of the student's choice.

ORL 404 Report Writing (2 crs)
Students will explore techniques for improving the effectiveness of writing styles and forms common to the business world. Students in the course will have the opportunity to improve their ability to communicate through critical thinking, writing, revising, and editing. Students will also prepare for the writing of the Applied Research Project.

ORL 405 Research Methods and Design (3 crs)
Students will examine key concepts of research design, methods of data collection and data analysis. The students will cover how to write a clear research question, hypothesis formation, sampling techniques, questionnaires, interviews and design of tables and graphs among other topics. The module will help the students produce a well designed and executed applied research project.

ORL 406 Effective Interpersonal Communication (2 crs)
This module investigates the roles of communication and relationships in creating a productive work environment. Effectiveness in personal and social relationships is covered through readings and exercises concerning non-verbal communication, constructive feedback, assertiveness, and conflict resolution.

ORL 407 Culture and Culture Conflict (2 crs)
Students use literature and interviews to explore the values, beliefs, customs and perceptions of racial and ethnic groups, especially as these affect interactions in the workplace. The concepts of culture and social class are developed through simulation. The obligations and implications of equal opportunity laws are discussed.

ORL 408 Principles of Management and Supervision (4 crs)
The major theme of this module is behavior within organizations and its impact upon and by the organization. Emphasis will be placed on understanding (a) motivational theory and how it may explain individual as well as group actions; (b) leadership style as it relates to organizational theory or design; (c) negotiations within the organization; (d) current management theories including their use within the organization; and (e) supervisory issues such as performance appraisal, legal concerns in employment practices and employee benefits.
O R L  4 0 9  B u s i n e s s  E t h i c s  ( 3  c r s )  
The purpose of this module is to enhance the students’ ability to recognize actual and potential ethical problems in the workplace for the purpose of preventing or resolving them. Through readings, videos and discussions, students learn to apply ethical principles to cases involving such things as hiring, conflicts of interest, gifts and bribes, fairness, and consumer, environmental and safety issues.

O R L  4 1 0  R e l i g i o n  a n d  B e l i e f  ( 1  c r )
The focus is an examination of a key question: What is the meaning of life? The module presupposes that religion is expressive of the human activity which seeks to answer this question satisfactorily. Within the module itself will be the consideration of alternative religious schema.

O R L  4 1 1  a n d  4 1 3  L e a d e r s h i p  a n d  S o c i a l  C o n c e r n  ( 2  c r s )
Through an analysis of readings of selected individuals who have developed positions on social concerns, a model for social change will be developed. This course is seen as a continuing experience intended to integrate the various theories with a dimension that is uniquely Wheeling University's: the Jesuit dimension of "men and women for others."

O R L  4 1 2  a n d  4 1 4  A p p l i e d  R e s e a r c h  P r o j e c t  ( 6  c r s )
The project examines an organizational problem in the student's occupational or avocational setting and proposes a solution or a combination of solutions. The student formulates the problem statement and develops and implements a research design. A literature review is included in the project. The student works on the project over a 12-month period.

O R L  4 2 2  A d u l t  D e v e l o p m e n t  a n d  L e a r n i n g  ( 1  c r )
Students use readings, classroom discussions and assignments to develop an understanding of adult growth, especially as it relates to personal and professional development. They will examine a variety of learning styles and content areas as they explore adult development and learning across the life span.

P h i l o s o p h y

P H I  1 0 5  L o g i c  a n d  K n o w l e d g e  ( 3  c r s )
Introduction to the fundamentals of critical reasoning (e.g., the structure of deductive and inductive arguments; fallacies; the square of opposition and categorical syllogisms) and the ways in which critical reasoning integrates with the basic questions and positions in the philosophy of knowledge.

P H I  2 0 5  P h i l o s o p h y  o f  t h e  H u m a n  P e r s o n  ( 3  c r s )
A philosophical study of the human person as a being who, while embodied in nature, is capable of rationally knowing, freely choosing and creatively acting as a unique individual open to communion with others and with the Transcendent. Prerequisite: PHI 105

P H I  3 0 5  E t h i c s  ( 3  c r s )
How ought human beings live in society? Study of the nature, types, and criteria of values, with an in-depth study of ethical principles and their applications to certain contemporary moral problems, e.g., abortion, euthanasia, capital punishment, war and peace. Prerequisite: PHI 105, PHI 205.

P h y s i c s

P H Y  1 0 4  P h y s i c a l  S c i e n c e  ( 3  c r s )
The goal of this course is scientific literacy in the physical sciences for the nonscience major. The basic principles of physics and chemistry are studied. These principles are then applied to the fields of geology, astronomy, and meteorology.

P H Y  1 0 5  G e n e r a l  P h y s i c s  ( 3  c r s )
A one-semester physics course for technology majors. The course is quantitative, requiring algebra and trigonometry.

P H Y  1 0 7  A s t r o n o m y  ( 3  c r s )
Introduction and historical outline of astronomy and development of physical laws used to describe the solar system, space, stars, galaxies, the universe, and some observational techniques.

P H Y  1 0 8  G e o l o g y  ( 3  c r s )
Introduction to physical geology: internal structures of the earth; dynamical features; plate tectonics; crust and lithosphere production, balance, and movement; oceans; seashore; continents; inland water and ice sheets.

P H Y  1 1 0  P h y s i c s  I  ( 4  c r s )
Concepts and methods of Physics: I; Newtonian mechanics, relativity, harmonic motion, fluids and elasticity. Prerequisite: MAT 108 or equivalent.

P H Y  1 3 1  E a r t h  a n d  S p a c e  S c i e n c e  ( 3  c r s )
A course designed for students who are interested in teaching biology, chemistry, physics or general science at the intermediate or secondary level. Topics covered will lead to an understanding of the physical factors that effect the environment, the earth atmosphere and the solar system.

P o l i t i c a l  S c i e n c e

P O S  1 1 0  A m e r i c a n  P o l i t i c a l  P r o c e s s  ( 3  c r s )

P O S  2 4 1  P u b l i c  P o l i c y  ( 3  c r s )
This course will explore the policy making process in the United States. It will examine how the agendas of policy makers are set, how the policy is formulated and how it is implemented. It will also question who benefits from the policy making process. Topical issues of national policy will be used to illustrate the process. Prerequisite: POS 110.

P O S  2 4 2  S t a t e  a n d  L o c a l  G o v e r n m e n t  ( 3  c r s )
This course will examine the structure and functions of government at the state and local level. It will compare and contrast the various types of governments that exist across the United States. It will also examine the intergovernmental relationships between the localities, the states and the national government. Prerequisite: POS 110.
Psychology

PSY 110 General Psychology (3 crs)
A survey of contemporary psychology, including the topics of conditioning and learning, sensation and perception, psychophysiology, motivation and emotion, memory and cognition, development, social behavior, psychological testing, personality, psychopathology, and psychotherapy. Prerequisite for all other courses in psychology.

PSY 212 Developmental Psychology (3 crs)
An analysis of development throughout the life-span, with special emphasis on various theoretical approaches to development. Prerequisite: PSY 110.

Theology & Religious Studies

RST 106 The Religious Quest (3 crs)
An introduction to ways of interpreting the bible and the great religious questions: God, evil, community, faith, salvation, worship, etc.

RST 107 Catholicism (3 crs)
An introduction to the great religious questions within the context of Catholicism. Ecumenism and Catholicism’s relation to other religions will be a component. This course is recommended for Catholic students.

RST 203 World Religions (3 crs)
A study of the origins, history, and principal beliefs of the major Western and Eastern religions: Hinduism, Buddhism, Confucianism, Taoism, Shinto, Judaism, Christianity and Islam, with an emphasis on interreligious understanding.

RST 206 The Church in the Modern World (3 crs)
A presentation of the Church’s understanding of itself, its membership, ministry and mission to the world, with emphasis on Catholic and Protestant views of the Church as they have emerged in the 19th and 20th centuries, but with reference to the historical roots of modern developments.

RST 207 Christian Marriage (3 crs)
Psychological, sociological and experiential reflections on marriage as a way of life examined in the light of insights offered by the Christian tradition and its understanding of marriage as a Christian sacrament; reflections on moral issues related to marriage.

RST 303 Studies in Living Religious Traditions (3 crs)
An introduction to the historical, cultural and theological aspects of one of several religious traditions other than Catholic Christianity (e.g., Protestant or Orthodox Christianity, Judaism, Islam, American Indian) an examination of its history, its beliefs and practices, and its lived-reality today.

RST 305 Christian Morality Today (3 crs)
A study of contemporary efforts to rethink the Christian framework of moral decision-making an analysis of love, freedom, conscience, sin and natural law and of the use of these terms in resolving current moral problems. Christian morality compared and contrasted to the moralities of other religious traditions. (Juniors and seniors only.)

RST 308 Issues in Bioethics (3 crs)
An analysis of the impact of Christianity’s vision of life on current issues in bioethics; caring for the dying, abortion, medical experimentation, organ transplants and the new procreative technologies.

Social Science

SSC 105 Social Science from a Global Perspective (3 crs)
An introduction to the study of human group behavior from both a sociological and global perspective. This includes a brief survey of the origins, development and modes of inquiry of social science. Key concepts and distinctive approaches of major disciplines will be presented including anthropology, economics, geography, political science, psychology and sociology.

SSC 110 Introductory Anthropology (3 crs)
Physical and cultural anthropology. Brief discussion of origins, perspectives, and research methods of the discipline. Consideration of evolutionary and non-evolutionary theories. Examination of human beings as social and culture-creating entities in the linguistic, marital, educational, economic, political and religious spheres.