



## Accounting and Management Information Systems

**2200 Introduction to Accounting I** U 3

Preparation and use of accounting reports for business entities; focus on uses of accounting for external reporting, emphasizing accounting as a provider of financial information. Prereq: Econ 2001.01 (200), or equiv. Not open to students with credit for 2000 (310) or 211, or equiv. This course is available for EM credit.

**3300 Cost Accounting** U 3

Managerial decision making in organizations with an emphasis on the use of financial data; theory and practice of management control. Prereq: 2300 (212), BusMgt 2320 (330), 2321 (331), and BusMHR 2292 (BusAdm 499.01); or permission of instructor. Not open to students with credit for 525.

**3601 Introduction to Information Systems** U 1½

The role of information systems in capturing and distributing organizational knowledge and enhancing management decision making, process of redesigning organizations utilizing systems analysis and design, quality assurance, and change management techniques, technical foundation of information systems, including hardware, software, telecommunications, networks, and the information architecture. Prereq: Admission to BSBA program and Business Management specialization.

## African American and African Studies

**1121 African Civilizations to 1870** U 3

Exploration of the political, social, and economic history of precolonial African civilizations, using a variety of interdisciplinary approaches and materials. Prereq: English 1110. GE historical study and diversity global studies course.

## Anthropology

**2200 Introduction to Physical Anthropology** U 4

A scientific examination of humans as a biological and cultural organism based on primate evolution from living and fossil evidence; evolutionary theory and population adaptability. This course includes laboratory activities. Prereq: Biology 1101 (101) or equiv. Not open to students with credit for 200. GE nat sci bio course.

## Art

**2100 Beginning Drawing** U 3

Students will explore fundamental freehand drawing techniques with a range of drawing methods, media and concepts; emphasis on drawing from observation and expressive experimentation. Students will apply written, oral and visual communication skills as they evaluate, interpret and respond to significant works of art and their own expressive goals. This course is available for EM credit. GE VPA course.

**2555 Introduction to Digital Photography and Contemporary Issues** U 3

Students will learn fundamental digital camera techniques and explore contemporary and historical issues in photography including the relationships between technique, concept, and aesthetics as well as the relationship between images, identity formation, and larger social structures. Prereq: Not open to students with credit for 3555. GE VPA course.

**3002 Intro to Ceramics: Structure** U 3

Introduction to Ceramic Structures; lab practices with various modeling and potter's wheel techniques with lectures covering a broad survey of structural ceramics from brick to tile to sculpture. Prereq: Not open to students with credit for 2502. GE VPA course.

## Arts and Sciences

**1101 First or Second Year Seminar** U 1

Seminars on varying topics taught by University faculty. Prereq: Fresh or Soph standing, or permission of instructor. Repeatable to a maximum of 6 or hrs. This course is graded S/U.

**1900 Career Readiness for Arts & Sciences Majors** U 1

Broaden understanding of career fields and learn about how to increase readiness for obtaining work related to career goals. Also covers writing resumes, obtaining internships, and effective strategies for finding employment for after graduation. Prereq: Not open to students with credit for 400.01 or ESCE 2271 (EduPAES 270.01). This course is graded S/U.

## Astronomy

**1140 Planets and The Solar System** U 3

Physical nature of the sun and its family of planets, satellites, comets and minor bodies; gravitation, light, and telescopes. Not recommended for students who plan to continue in astronomy or physics. Prereq: ACT Math Subscore of 22 or higher, or Math Placement Level R or better, or Math 1050 (075) or 102, or permission of instructor. Not open to students with credit for 1161 (161), 1161H (161H), 2291 (291), or 171. This course is available for EM credit. GE nat sci phys course. NS Admis Cond course.

## Biology

**1101 Introductory Biology** U 4

Basic principles of biology; topics include the nature of science, organismal diversity, evolution, ecology, genetics, reproduction, and cellular structure and function. Not intended students majoring in one of the biological sciences. Prereq: Not open to students with credit for 1101E, 1113 (113), 1113H (115H), 101, Entm1g1 1101 (101), or MolGen 1101 (PlntBio101). This course is available for EM credit. GE nat sci bio course.

**1102 Human Biology** U 4

Exploration of human biology; topics include structure and physiological function, reproduction and development, genetics and disease, ecology, and evolution. Not intended for students majoring in one of the biological sciences. Prereq: Not open to students with credit for 102. This course is available for EM credit. GE nat sci bio course.

**1105 Human Biology in Cinema** U 3

Human Biology in Cinema will show that mainstream films with a core biological theme can be entertaining AND educational and that having some basic biological insights will enhance your comprehension and appreciation of these films. Lectures and discussions will cover basic principles in biology that will help elucidate the content of each film. GE nat sci bio course.

**1113 Biological Sciences: Energy Transfer and Development** U 4

Exploration of biology and biological principles; evolution and the origin of life, cellular structure and function, bioenergetics, and genetics. A broad introduction to biology comprises both Biology 1113 and 1114. Prereq: Math 1130 (130), 1148, 1150, or above, or Math Placement Level L or M. Prereq or concur: Chem 1110 (101), 1210 (121), 1610, or 1910H (201H), or permission of course coordinator. Not open to students with credit for 113. This course is available for EM credit. GE nat sci bio course. NS Admis Cond course.

**1114 Biological Sciences: Form, Function, Diversity, and Ecology** U 4

Exploration of biology and biological principles; evolution and speciation, diversity in structure, function, behavior, and ecology among prokaryotes and eukaryotes. A broad introduction to biology comprises both Biology 1113 and 1114. Prereq: Math 1130 (130), 1148, or 1150 or above, or Math Placement Level L or M. Prereq or concur: Chem 1110 (101), 1210 (121), 1610, or 1910H (201H), or permission of course coordinator. Not open to students with credit for 114. This course is available for EM credit. GE nat sci bio course. NS Admis Cond course.

**3401 Integrated Biology** U 4

A case studies approach is used to gain a better understanding of biological concepts and principles. This course is designed for biology majors. Prereq: 1113, 1114, Chem 1220, and Math 1140, or 1148 and 1149, or 1150 or above, or permission of instructor.

## Business Admin: Finance

**3220 Business Finance** U 3

Introductory finance class which allows students develop the skills to understand how financial managers make value-maximizing decisions for their firms. Prereq: Econ 2001.01 (200), and 2002.01 (201), and AcctMIS 2200 (211). Prereq or concur: AcctMIS 2300. Not open to students with credit for 620, or to students enrolled in UUSS, UExp or PreBSBA-PR.

**3500 Legal Environment of Business** U 1½

An introduction to American legal institutions, sources of law, and an analysis of basic concepts of public and private law related to business decisions. Prereq: Soph standing. Not open to students with credit for 510, or to students enrolled in UUSS, UExp or PreBSBA-PR.

## Business Admin: Management & Human Rsrcs

**2000 Introduction to International Business** U 1½

Basic coverage of world trade and investment problems, and introduction to multinational corporation strategies and the various types of environments in which they do business. Prereq: Econ 2002.01 (201), and Econ 2001.01 (200) or AEDEcon 2001 (200). Not open to students with credit for BusAdm 555. Not open to students enrolled in UUSS, UExp or PreBSBA-PR.

## 2 Business Admin: Management & Human Rsrcls

**2292 Business Skills & Environment** U 3  
Introduce the role of business in the lives of individuals, consumers, employees, and citizens. Focus on the concept of ethical leadership with emphasis on both oral and written communication skills for the business environment. Prereq: English 1110.01 (110), or equivalent; and admission to the Business Administration major. Not open to students with credit for BusAdm 499, 499.01, or BusMHR 2291. Not open to pre-business students.

**3200 Managing Individuals in Organizations: Organizational Behavior and Human Resources** U 3  
Principles for managing the performance of individuals and groups in organizations; introduction to organizational behavior theory and its application to staffing, training, compensation, and appraisal. Prereq: Econ 2001.01 (200) and 2002.01 (201), or equivalent. Not open to students with credit for 3100 (400) or 701. Not open to students enrolled in UUSS, UExp or PreBSBA-PR.

### Business Admin: Management Sciences

**4250 Six Sigma Principles** U 3  
Designed to familiarize students with the Six Sigma process improvement methodology and to provide them an opportunity to practice using Six Sigma Black Belt tools. Prereq: 2320 (330), 2321 (331), 3230 (630), and AcctMIS 2200 (211), 2300 (212); and BusMHR 2291 or 2292 (BusADM 499.01). Not open to students with credit for 710.

### Business Admin: Marketing & Logistics

**4204 Marketing Projects** U 3  
In this advanced marketing course students will act as a consulting team and work with a client firm on a marketing problem, produce a report and present their work. Prereq: 4201 (750), 4202 (758), and BusMHR 2292 (BusAdm 499.01), or equiv; or enrollment in regional campus General Business Program.

### Chemistry

**1110 Elementary Chemistry** U 5  
Introductory chemistry for non-science majors, including dimensional analysis, atomic structure, bonding, chemical reactions, states of matter, solutions, chemical equilibrium, acids and bases, along with topics in organic and biological chemistry. Prereq: Math 1073, 1074, 1075 or above; Math Placement Level L, M, N, or R; or ACT Math subscore of 22 or higher that is less than 2 years old. Not open to students with credit for 1210, 1250, 1610, or 1910H. This course is available for EM credit. GE nat sci phys course.

**1210 General Chemistry I** U 5  
First course for science majors, covering dimensional analysis, atomic structure, the mole, stoichiometry, chemical reactions, thermochemistry, electron configuration, bonding, molecular structure, gases, liquids, and solids. Prereq: One unit of high school chemistry, and Math Placement Level L or M; or a grade of C- or above in Math 1120, 1130, 1131, 1148, 1150, or above. Not open to students with credit for 1220, 1620, 1920H, 1250, 1610, or 1910H. This course is available for EM credit. GE nat sci phys course.

**1250 General Chemistry for Engineers** U 4  
First course for engineering majors, covering dimensional analysis, atomic and molecular structure, the mole, stoichiometry, chemical reactions, states of matter, solutions, kinetics, equilibrium, acids and bases, thermodynamics, and electrochemistry. Prereq: One unit of high school chemistry, and Math Placement Level L or M; or a grade of C- or above in Math 1130 (130), 1131 (131), 1148 (148), or 1150 (150), or above. Not open to students with credit for 1210, 1610, 1910H, 125, 2310, 2510 (251), 2610, or 2910H (251H). This course is available for EM credit. GE nat sci phys course.

**2510 Organic Chemistry I** U 4  
Introduction to structure, nomenclature, physical properties, preparation and reactions of alkanes, alkenes, alkynes, alcohols, ethers, epoxides, aldehydes and ketones. Other topics include stereochemistry, acids, bases, and reaction mechanisms. Prereq: 1220 (123), 1620 or 1920H (203H). Not open to students with credit for 252.

**2540 Organic Chemistry Laboratory I** U 2  
Introduction to spectroscopic characterization, scientific writing, computational chemistry, and the laboratory techniques of organic chemistry, including synthesis, isolation, purification, and identification of organic compounds. Prereq or concur: 2510, 2610 or 2910H.

### Comparative Studies

**2101 Literature and Society** U 3  
Study of relationships among politics, society, and literature; analysis of social and political elements of literature and film from diverse cultures and historical periods. Prereq: English 1110 (110) or equiv. Not open to students with credit for 2101H (201H, 201). GE lit and diversity global studies course.

### Computer Science and Engineering

**2111 Modeling and Problem Solving with Spreadsheets and Databases** U 3  
Spreadsheet and database modeling/programming concepts and techniques to solve business related problems; efficient/effective data handling, computational analysis and decision support. Additional topics: computer concepts, networking, project integration. Prereq: Math 1130 or above, or Math Placement Level L. Not open to students with credit for 1111 or 1112. This course is available for EM credit. GE quant reason math and logical any course.

### Consumer Sciences: Hospitality Management

**2600 Introduction to Hospitality Management** U 2  
Overview of the hospitality-tourism industry. Introduction to and career exploration of various segments of the hospitality-tourism field.

**2800 Hotel Management** U 3  
An examination of the lodging firm as an operating entity, including structure, management strategies, functional departments, related financial reports and revenue management. Prereq or concur: 2600 (1600 (230)). Not open to students with credit for 560.

### Earth Science

**1100 Planet Earth: How It Works** U 4  
The materials of the Earth's crust, the processes that produce and modify them, the development of the Earth and its life forms through time, and responsible stewardship of the earth's resources. Not intended for ASC B.S. students. Prereq: Not open to students with credit for 1121. This course is available for EM credit. GE nat sci phys course.

### Economics

**2001.01 Principles of Microeconomics** U 3  
Introduction to economic theory: supply and demand for goods, services, and factor inputs; market structure; international trade, the distribution of income. First required course for students planning to take 4000-level courses in Econ. Prereq: Not open to students with credit for 2001.02, 2001.03H, 200, 200H, or AEDEcon 2001 (200). This course is available for EM credit. GE soc sci human, nat, and econ resources course. SS Admis Cond course.

**2002.01 Principles of Macroeconomics** U 3  
Introduction to the theory of national income determination; economic fluctuations; money; government policy; international economics. Prereq: Not open to students with credit for 2002.02, 2002.03H, 201, or 201H. This course is available for EM credit. GE soc sci orgs and politics course.

### Education: Teaching and Learning

**2189 Field Experience** U 1-2  
Professional service with children or youth in a school or community agency. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 15 completions.

**2367 Education, Society and Writing** U 3  
Designed to help students reflect critically, both orally and in writing, on the social, political, and cultural contexts that influence education in today's society. Prereq: A GE level 1 writing course. Not open to students with credit for 607. GE writing and comm course: level 2.

**2368 Introduction to Children's Literature** U 3  
This is a survey course in which students study the historical and contemporary elements of literature intended for children, including picturebooks; traditional tales; novels of realism, and fantasy; nonfiction; poetry; and multicultural books. Prereq: English 1110, or equiv. Not open to students with credit for 467. GE lit course.

**3160 Application of Development in Learning Contexts** U 3  
Designed for students to apply theories and research of child growth and development in multiple learning contexts. Prereq: Not open to students with credit for 460. GE soc sci indivs and groups course.

**3189.01 Field Experience: Early Childhood Education** U 1-2  
This field experience is designed as a practice-based companion to the EC Pedagogy class. Prereq: Admission to Early Childhood Education Major. Repeatable to a maximum of 4 cr hrs or 4 completions.

**3189.02 Field Experience: Middle Childhood Education** U 1-2  
The experience is designed to provide : lesson planning, teaching, and classroom management; student learning, interests, and perspectives; (3) the requirements of being a professional educator; and effectively bringing together the work done in a university classroom with work done in grade 4-9 classrooms. Prereq: Admission to Middle Childhood Education Major. Repeatable to a maximum of 4 cr hrs or 4 completions.

**3189.09 Field Experience: Child and Youth Studies** U 1-2  
Field experience designed to provide undergraduate students in the Child & Youth Studies program an opportunity to work with a cooperating professional within an educational or community organization focusing on teaching & learning. Prereq: Admission to Child and Youth Studies Major. Repeatable to a maximum of 4 cr hrs or 4 completions.

## Education: Teaching and Learning 3

<b>3356</b>	<b>Literature for Adolescents</b>	<b>U</b>	<b>3</b>
Literature for individual, group, and whole-class reading in junior and senior high schools; interest factors and literary value as criteria for selection; bibliographic aids. Prereq: English 1110 or equivalent. Not open to students with credit for 656 or 3356E. GE lit course.			
<b>4191</b>	<b>Internship</b>	<b>U</b>	<b>1 - 15</b>
Internship in an educational or community setting. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 15 completions.			
<b>5102</b>	<b>Teaching and Learning of Literacy in Grades Pre-K - 3</b>	<b>U G</b>	<b>3</b>
Examination of children's oral and written language development and related theoretical understandings instrumental for teaching language arts including evaluation processes and instructional materials. Prereq: Enrollment in Education major or Master of Education.			
<b>5123</b>	<b>Early Childhood Pedagogy</b>	<b>U G</b>	<b>3</b>
Pedagogy I explores sociocultural perspectives on teaching and learning in early childhood and elementary education, the role of teacher as researcher/inquirer, and the ways in which sociocultural pedagogies interface with standard-based education. Prereq: Admission to major or M.Ed. Not open to students with credit for 723.			
<b>5137</b>	<b>Teaching and Learning of Social Studies Grades Pre-K - 3</b>	<b>U G</b>	<b>3</b>
Designed to provide opportunities to examine interesting and effective social studies content knowledge, cultural understandings, and pedagogies for the early childhood learner within global contexts. Prereq: Not open to students with credit for 737.			
<b>5191.01</b>	<b>Supervised Student Teaching Internship: Early Childhood Education</b>	<b>U G</b>	<b>3 - 15</b>
Student teaching is designed to assess and support preservice preK-3rd grade teachers as they develop the necessary knowledge, skills, and dispositions required for beginning level teachers. Prereq: Admission to Early Childhood Education major or MEd program. Repeatable to a maximum of 30 cr hrs or 2 completions.			
<b>5191.02</b>	<b>Supervised Student Teaching Internship: Middle Childhood Education</b>	<b>U G</b>	<b>3 - 15</b>
Student teaching is designed to assess and support preservice 4th-9th grade teachers as they develop the necessary knowledge, skills, and dispositions required for beginning level teachers. Prereq: Admission to Middle Childhood Education Major or MEd program. Repeatable to a maximum 30 cr hrs or 2 completions.			
<b>5195.01</b>	<b>Reflective Seminar: Early Childhood Education</b>	<b>U G</b>	<b>1 - 4</b>
This course serves as the place for mediating learning & applying it to the practical. You will engage in reading, discussion, & reflection to develop your understanding of the relationship between what you learn in the university classroom & what you experience in the elementary classroom. Prereq: Admission to Early Childhood Education Major or MEd program. Repeatable to a maximum of 10 cr hrs or 5 completions. This course is graded S/U.			
<b>5195.02</b>	<b>Reflective Seminar: Middle Childhood Education</b>	<b>U G</b>	<b>1 - 4</b>
Reflective Seminar is part one of a 3-part seminar that takes place over the course of 3 semesters. This course includes what is often viewed as the more traditional 'science' of teacher preparation. Prereq: Admission to Middle Childhood Education Major or MEd program. Repeatable to a maximum of 10 cr hrs or 5 completions. This course is graded S/U.			
<b>5195.09</b>	<b>Reflective Seminar: Child and Youth Studies</b>	<b>U G</b>	<b>1 - 4</b>
This course is designed to assess and support student in their final year as they develop the necessary knowledge, skills, and dispositions required for entry level education professionals. Prereq: Admission to Child and Youth Studies Major. Repeatable to a maximum of 10 cr hrs or 5 completions. This course is graded S/U.			
<b>5225</b>	<b>Diverse Literature and Comprehension - Elementary-Middle Education</b>	<b>U G</b>	<b>3</b>
Meets state requirements for understanding theory and methods linking the teachers' understanding of diverse literature with comprehension theory and practice and the related construction of literate environments.			
<b>5270</b>	<b>Mathematics Methods for Preservice Middle Childhood Teachers</b>	<b>U G</b>	<b>3</b>
Preservice teachers study methods for teaching middle childhood mathematics. These methods include instruction, assessment, and learning theory to support the teaching and learning of mathematics in grades 4 through 9.			
<b>5275</b>	<b>Science Methods for Preservice Middle Childhood Teachers</b>	<b>U G</b>	<b>3</b>
Prospective teachers study methods of science instruction and assessment of student learning in grades 4 through 9, with an emphasis on inquiry-based learning and formative assessment of student understanding. Prereq: Not open to students with credit for 719.			
<b>5282</b>	<b>The Social Transitions of 4th and 5th Grade Learners</b>	<b>U G</b>	<b>3</b>
Focuses on the social and emotional development of the early adolescent in society, home and in the classroom setting. Prereq: 3160 or HDFS 2410, and EduTL 3189, 4189, or 5189; or Grad standing.			

<b>5468</b>	<b>Foundations of Reading and Literacy</b>	<b>U G</b>	<b>3</b>
Introduction to the theories and practices of teaching and learning of literacy for children in early and middle childhood. Major themes of the course are a child-centered philosophy of literacy instruction and diversity awareness - the need for teachers to be aware of the diversity of backgrounds and abilities that children bring to the classroom and of strategies for dealing with that diversity.			
<b>5469</b>	<b>Language and Word Study for All Learners</b>	<b>U G</b>	<b>3</b>
This course provides a detailed examination of the ways that oral and written languages work and how this supports development of English word reading and spelling skills for learners who are monolingual speakers of Standard English as well as those who speak other languages and varieties of English. Prereq: 5468.			
<b>7712</b>	<b>K-6 Measurement and Geometry</b>	<b>G</b>	<b>2</b>
Students will understand concepts such as spatial sense, units of measure, and work with two- and three-dimensional objects through an opportunity to learn at a deeper level and to examine instructional strategies to help children. Prereq: Not open to students with credit for 711.			

## Educational Studies

<b>2189S</b>	<b>First Education Experience Program (FEEP)</b>	<b>U</b>	<b>3 - 5</b>
Provides opportunities for students to explore education as a possible career path via a combination of field and seminar requirements. Students spend time in local, public PreK-12 school-based settings, interacting with various professionals and students. GE service learning course.			

## Educational Studies: Educational Psychology

<b>2059</b>	<b>Becoming a Self-Regulated Learner</b>	<b>U</b>	<b>2</b>
This course will build strategies and motivation to overcome recent academic challenges and prepare for success in the future. Main topics we will cover include self-regulation, active learning, studying, using resources, planning, goal setting, and time management. Our entire course is geared toward helping students become self-regulated learners.			
<b>2309</b>	<b>Psychological Perspectives on Education</b>	<b>U</b>	<b>3</b>
This course deals with the major theories of human development, motivation and learning. Planning of instruction, teaching strategies, assessment and classroom management are examined. Authentic pedagogical practices are used to gain an understanding of the teaching and learning process. Prereq: Not open to students with credit for EduPL 309.			

## Educational Studies: Philo & Hist of Education

<b>3206</b>	<b>School and Society</b>	<b>U</b>	<b>3</b>
Use of concepts and methods of history, philosophy and the social sciences to grasp the interrelationship between society and education. Prereq: Not open to students with credit for EduPL 306. GE diversity soc div in the US course.			

## Engineering

<b>1181.01</b>	<b>Fundamentals of Engineering I</b>	<b>U</b>	<b>2</b>
Engineering problem solving utilizing computational tools such as Excel and Matlab; hands-on experimentation; modeling; ethics; teamwork; written, oral and visual communications. Prereq or concur: Math 1140 or 1141; or Math 1150 or above. Not open to students with credit for Engineer 183.01, 183.02, Engr 1182.01, 1182.02, 1182.03, 1282.01, 1282.02, 1282.03, 1282.04, 1186.01, 1187, or 1188.			

## Engineering Technology (BS)

<b>1200</b>	<b>Introduction to Engineering Technology</b>	<b>U</b>	<b>1</b>
Introduction to the roles available in engineering technology, professional development planning for students pursuing this degree, and exposure to common elements in engineering technology. Course work will emphasize written and verbal communication skills. Prereq: Enrollment in the BSET program.			
<b>1500</b>	<b>Manufacturing Processes I</b>	<b>U</b>	<b>3</b>
History of manufacturing, tools and machines, and operations of the machine shop equipment. Opportunity to function individually and on teams, and communicate effectively to learn to work in groups to accomplish a task. The skills learned from this class are transferable to all areas of day to day professional life which makes it valuable in other contexts.			
<b>1600</b>	<b>Engineering Graphics</b>	<b>U</b>	<b>3</b>
Develop skills in graphic design and visualization through experience creating and interpreting 2D Computer Aided Drawings in AutoCAD. Explore various forms of technical graphics used in the field of Engineering Technology including facility layouts, piping and instrumentation diagrams, and electric schematics. Emphasis on utilizing technical graphics to solve Engineering Technology problems.			

## English

## 4 English

<b>1109</b>	<b>Intensive Writing and Reading</b>	<b>U</b>	<b>4</b>
Provides intensive practice in integrating academic reading and writing. Credit may not count toward graduation in some degree programs. Prereq: English Placement Test score of 6. Not open to students with credit for 1110.01 (110.01), 1110.01H (110.01H), 1110.02 (110.02), 1110.02H (110.02H), 052, 060, or 110.03, or equiv.			
<b>1110.01</b>	<b>First-Year English Composition</b>	<b>U</b>	<b>3</b>
Practice in the fundamentals of expository writing, as illustrated in the student's own writing & in the essays of professional writers. May be available as a service learning course with five hours community service required at the Lima campus only. Prereq: EduTL1902 (108.01) or 1902.04 (108.01), or English Placement Level 4. Not open to students with credit for 1109 (109.01 or 109.02), 1110.01 (non-DL version), 1110.01H (110.01H), 1110.02 (110.02), 1110.02H (110.02H), 1110.03 (110.03), 1167H (167H), 110.01. This course is available for EM credit. GE writing and comm course: level 1.			
<b>1110.03</b>	<b>First-Year English Composition</b>	<b>U</b>	<b>3</b>
Intensive practice in fundamentals of expository writing illustrated in the student's own writing and essays of professional writers; offered in a small class setting and linked with an individual tutoring component in its concurrent course, 1193. This course is available for EM credit only through the AP program. Prereq: 1109, or English Placement Level 5 (Placement Level 4 allowed if student requests service). Concur: 1193. Not open to students with credit for 1110.01 (110.01), 1110.01H (110.01H), 1110.02 (110.02), 1110.02H (110.02H), 1167H (167H), or 110.03, or equiv. GE writing and comm course: level 1.			
<b>2201</b>	<b>Selected Works of British Literature: Medieval through 1800</b>	<b>U</b>	<b>3</b>
An introductory critical study of the works of major British writers from 800 to 1800. Prereq: 1110.01, or equiv. Not open to students with credit for 2201H. GE lit and diversity global studies course.			
<b>2202</b>	<b>Selected Works of British Literature: 1800 to Present</b>	<b>U</b>	<b>3</b>
An introductory critical study of the works of major British writers of the 19th and 20th centuries. Prereq: 1110 (110.01), or equiv. Not open to students with credit for 2202H (202H) or 202. GE lit and diversity global studies course.			
<b>2260</b>	<b>Introduction to Poetry</b>	<b>U</b>	<b>3</b>
Designed to help students understand and appreciate poetry through an intensive study of a representative group of poems. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 2260H (260H) or 260. GE lit course.			
<b>2261</b>	<b>Introduction to Fiction</b>	<b>U</b>	<b>3</b>
Examination of the elements of fiction -- plot, character, setting, narrative, perspective, theme, etc. -- and their various interrelations; comparisons with nonfictional narrative may be included. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 2261H (261H) or 261. GE lit course.			
<b>2269</b>	<b>Digital Media Composing</b>	<b>U</b>	<b>3</b>
A composition course in which students analyze and compose digital media texts while studying complex forms and practices of textual production. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 269. GE VPA course.			
<b>2290</b>	<b>Colonial and U.S. Literature to 1865</b>	<b>U</b>	<b>3</b>
Introductory study of significant works of U.S. literature from its Colonial origins to 1865. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 290. GE lit course.			
<b>2367.01</b>	<b>Language, Identity, and Culture in the U.S. Experience</b>	<b>U</b>	<b>3</b>
Extends & refines expository writing & analytical reading skills, emphasizing recognition of intertextuality & reflection on compositional strategies on topics pertaining to education & pop culture in America. Only one 2367 (367) decimal subdivision may be taken for credit. Prereq: 1110.01 (110.01), and Soph standing; or EM credit for 1110.01 (110.01) or equiv; or a declared major in English. Not open to students with credit for 2367.01H (367.01H), 210, 267, 267H, 301, 303, or equiv. GE writing and comm: level 2 and diversity soc div in the US course.			
<b>2367.02</b>	<b>Literature in the U.S. Experience</b>	<b>U</b>	<b>3</b>
Discussion & practice of the conventions, practices, & expectations of scholarly reading of literature & expository writing on issues relating to diversity within the U.S. experience. Only one 2367 (367) decimal subdivision may be taken for credit. Prereq: 1110.01 (110.01) or equiv, and Soph standing; or EM credit for 1110.01 (110.01) or equiv; or a declared major in English. Not open to students with credit for 2367.01 (367.01), 210, 267, 267H, 301, 303, or equiv. GE writing and comm: level 2 and lit (BS only) and diversity soc div in the US course.			
<b>3379</b>	<b>Methods for the Study of Writing, Rhetoric and Literacy</b>	<b>U</b>	<b>3</b>
Introduction to the interrelated fields of Writing, Rhetoric, and Literacy, familiarizing students with key concepts that underlie work in these interrelated fields and to the scholarly methods of WR. Together, this discipline studies the ways people use language and other symbols to convey messages, persuade audiences, and create meaning, and how these practices are learned and taught. Prereq: 1110. Not open to students with credit for 2279.			

<b>3467S</b>	<b>Issues and Methods in Tutoring Writing</b>	<b>U</b>	<b>3</b>
Theories and practices in tutoring and writing; explores writing-learning connections and prepares students to work as writing consultants/tutors for individuals and small writing groups. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 467 or ArtsSci 3467S (HumCol 467). Cross-listed in ArtsSci.			
<b>4150</b>	<b>Cultures of Professional Writing</b>	<b>U</b>	<b>3</b>
Examine writing in various workplaces. Analyze writing discourse that shapes professional organizations. Explore ongoing technological and cultural shifts required of workplace writers and the role of digital media. Prereq: 1110 and any 2367. Not open to students with credit for HumCol 450.01, 450.02, 450.03, or CSTW 4150.			
<b>4521</b>	<b>Renaissance Drama</b>	<b>U</b>	<b>3</b>
Studies in English drama and theater from the early sixteenth century to 1660. Prereq: 6 credit hours of English at the 2000-3000 level, or permission of instructor. 5 qtr or hrs for 367 or 3 or hrs for 2367 in any subject is acceptable towards the 6 or hrs. Not open to students with credit for 621 or with 15 qtr or hrs of 521. Repeatable to a maximum of 9 or hrs.			
<b>4581</b>	<b>Special Topics in U.S. Ethnic Literatures</b>	<b>U</b>	<b>3</b>
Study of selected issues or forms in U.S. ethnic literatures and cultures. Topic varies. Examples: Native American autobiography, Asian American poetry; Latino/a novel. Prereq: 10 qtr or hrs or 6 or hrs of English at 2000-3000 level, or permission of instructor. 5 qtr or hrs in 367 or 3 or hrs in 2367 in any subject is acceptable towards the 6 or hrs. Not open to students with 10 qtr or hrs for 581 or 6 sem or hrs for 4581. Repeatable to a maximum of 6 or hrs.			

## Environment and Natural Resources

<b>2000</b>	<b>Natural Resources Data Analysis</b>	<b>U</b>	<b>3</b>
Introductory data analysis course that focuses on understanding and applying basic statistical concepts, problem solving, and interpreting the results of statistical analysis. Au, Sp Sems. GE data arly course.			
<b>2100</b>	<b>Introduction to Environmental Science</b>	<b>U</b>	<b>3</b>
Introduction to environmental science, the ecological foundation of environmental systems, the ecological impacts of environmental degradation by humans, and strategies for sustainable management of environment and natural resources. This course is available for EM credit. GE nat sci bio course.			
<b>2367</b>	<b>Communicating Environmental and Natural Resources Information</b>	<b>U</b>	<b>3</b>
Concepts, skills development, and practice in accessing and communicating information about the environment and natural resources to varied audiences; emphasis on written and oral communication. Prereq: English 1110, and Soph standing or above. GE writing and comm course: level 2.			

## Evolution, Ecology and Organismal Biology

<b>2520</b>	<b>Human Physiology</b>	<b>U</b>	<b>3</b>
A survey of the human nervous system, sense organs, muscle function, circulation, respiration, digestion, metabolism, kidney function, and reproduction. Prereq: 3 sem or hrs in Biological Sciences. Not open to students with credit for 232. GE nat sci bio course. NS Admis Cond course.			

## Exploration

<b>1100.01</b>	<b>University Exploration Survey</b>	<b>U</b>	<b>1</b>
Introduction to the process of decision making and exploring majors at Ohio State; introduction to university community; strategies for successful transition to and participation in that community; university resources and procedures. Prereq: Fresh standing in Exp, and permission of instructor. Not open to students with credit for 100.01, 100.01H, 100.02, or 100.03.			
<b>1100.02</b>	<b>University Exploration Survey</b>	<b>U</b>	<b>1</b>
Introduction to the processes of decision making and exploring majors at Ohio State; introduction to the university community; strategies for success transition to and participation in that community; university resources and procedures. Prereq: Transfer student in EXP, and permission of instructor. Not open to students with credit for a university survey course from another college or with credit for: 1100.01 (100.01), 1100.01H (100.01H), 100.02, 100.03, USAS 100, 100.11, or 100.21.			

## French

<b>1101.61</b>	<b>Beginning French I: Individualized DL</b>	<b>U</b>	<b>1 - 4</b>
Individualized introduction to French via distance learning; development of listening, reading, speaking, and writing skills. Taught in French. Course not open to native speakers, students with EM credit, or to students with two or more years of study in this language in high school. Prereq: Not open to students with credit for 1101.01 or 4 credits of 1101.51. Repeatable to a maximum of 4 or hrs or 4 completions. This course is available for EM credit. GE for lang course.			

**1102.61 Beginning French II: Individualized DL** U 1 - 4  
Continued individualized study of French via distance learning; development of listening, reading, speaking, and writing skills; readings based on contemporary French culture and literature. Taught in French. Prereq: 1101.01, or completion of 4 cr hrs of 1101.51 or 1101.61. Not open to students with credit for 1102.01 or 4 credits of 1102.51. Repeatable to a maximum of 4 completions or 4 cr hrs. This course is available for EM credit. GE for lang course.

**1103.61 Beginning French III: Individualized DL** U 1 - 4  
Continued development of listening, speaking, reading and writing with an emphasis on oral and written skills; focus on functional topics and thematic vocabulary. Taught in French via distance learning. Prereq: 1101.01 and 1102.01; or completion of 4 cr hrs of 1101.51 or 1101.61, and completion of 4 cr hrs of 1102.51 or 1102.61. Not open to students with credit for 1103.01, 1103.02, 1103.03, or 1103.04; or 4 cr hrs of 1103.51. Repeatable to a maximum of 4 cr hrs or 4 completions. This course is available for EM credit. GE for lang course.

**Geography**

**1900 Extreme Weather and Climate** U 4  
Surveys characteristics and processes of Earth's atmosphere and how it interacts with the planet's surface, oceans, and human activity. The course focuses on how these interactions work to produce extreme weather events and climate extremes and how they affect people. Prereq: Not open to students with credit for 1900H (120H), 2960 (220), 5900 (520), 120, or AtmosSc 2940 (230). GE nat sci phys course.

**2750 World Regional Geography** U 3  
Develops students' knowledge of world geography through the twin concepts of region and globalization; focuses on culture, society, politics, economy, and interplay between people and environments. Prereq: Not open to students with credit for 200 or 2750H (200H). GE soc sci human, nat, and econ resources and diversity global studies course. SS Admis Cond course.

**German**

**1101.01 German I** U 4  
Introduction to language and culture of the German-speaking world, with emphasis placed on the acquisition of basic communication skills in cultural context. CEFR Levels A1/A2. Not open to native speakers of this language through regular course enrollment or EM credit, or to students with 2 or more years of study in this language in high school, except by permission of instructor. Prereq: Not open to students with credit for 1101.51. This course is available for EM credit. GE for lang course.

**History**

**2001 Launching America** U 3  
An intermediate-level approach to American history in its wider Atlantic context from the late Middle Ages to the era of Civil War and Reconstruction. Sometimes this course is offered in a distance-only format. Prereq or concur: English 1110.xx, or permission of instructor. Not open to students with credit for 1151 (151). GE historical study and diversity soc div in the US course.

**2250 Empires and Nations in Western Europe, 1500 - Present** U 3  
Comparative study of the Modern European Overseas Empires from the "age of discovery" to the postcolonial present. Sometimes this course is offered in a distance-only format. Prereq or concur: English 1110.xx, or permission of instructor. GE historical study and diversity global studies course.

**2303 History of Contemporary Africa, 1960 - present** U 3  
Africa from independence to the present. Contemporary African societies, cultures, economics, and politics from independence to the present. Prereq or concur: English 1110.xx. Not open to students with credit for 350. GE historical study course.

**3032 History of the U.S. West** U 3  
The social, cultural, and economic development of the U.S. West. Prereq or concur: Any 2000-level History course, and English 1110.xx; or permission of instructor. Not open to students with credit for 560. GE historical study course.

**4795 Seminar in History** U 3  
Advanced research and readings on selected topics in History. Prereq or concur: English 1110.xx, a grade of C or above in History 2800, and any 3000-level History course; or permission of instructor.

**History of Art**

**2001 Western Art I: Ancient and Medieval Worlds** U 3  
Examination of the history of Western Art from the third millennium BCE to the fifteenth century CE. This course is available for EM credit. GE VPA and historical study and diversity global studies course.

**Human Nutrition**

**2210 Science of Human Nutrition** U 3  
Basic principles of biological science, emphasizing the interaction between nutrients and physiological (including cellular) processes. Prereq: Not open to students with credit for 210. GE nat sci bio course.

**Kinesiology: Health and Exercise Science**

**2990 Movement is Medicine: Your Rx to Health** U 3  
This course provides an introduction to the powerful and widespread impact of exercise on human health. The design of the course examines the "why, what and how" of exercise and includes a practical and personalized application of the material.

**Kinesiology: Physical Education**

**2262 Coaching the Young Athlete** U 3  
Skills and knowledge to coach young athletes.

**Kinesiology: Sport, Fitness, and Health Program**

**1102 First Aid and CPR** U 2  
Necessary skills to sustain life, reduce pain, and minimize consequences of injury/illness during an emergency. Course is designed to lead to Certification. Lab fees required. Prereq: Not open to students with credit for EduPAES 102.

**1103 Introduction to Health and Wellness in American Society** U 2  
A study of student health problems; designed to foster understandings and attitudes needed for intelligent decision-making related to present and future health needs.

**1148.04 Conditioning Activities: Strength Training** U 1  
Students will participate in a progressive strength and endurance training program using weight machines, free weights, and other strength equipment.

**1150.02 Lifetime Fitness and Wellness Cardiovascular Exercise Training** U 2  
Online course that promotes principles of fitness and wellness over the lifespan. Prereq: Not open to students with credit for 1147, 1148.05 or 1149.05, 1150.01, or EduPAES 1147, 1148.05, 1149.05, 1150.01, or 1150.01.

**2250 Cancer Prevention** U 2  
Discussion of the latest findings on avoiding cancer through lifestyle choices and assessment of one's family health history.

**Landscape Architecture**

**2000 Introduction to Landscape Architecture** U 1  
Introduction to the profession of Landscape Architecture and the breadth of Landscape Architectural projects and practice. This course is graded S/U.

**Mathematics**

**1050 Precollege Mathematics I** U 5  
Fractions and decimals, basic algebra, graphing lines, factoring, systems of equations. Credit for this course will not count toward graduation in any degree program. Prereq: 1040 (040) or 050, or Math Placement Level T, or permission of department. Not open to students with credit for any Math course above 1050 (050). This course is available for EM credit.

**1075 Precollege Mathematics II** U 4  
Algebraic, rational, and radical expressions; functions and graphs; quadratic equations; absolute value; inequalities; and applications. Credit for this course will not count toward graduation in any degree program. Prereq: 1074 or 075; or a grade of C- or above in 1050; or Math Skills Assessment Level R or S; or ACT math subscore of 22 or higher that is less than 2 years old. Not open to students with credit for any Math course above 1075, except for 1116; or for any quarter-system course above 075, except for 116. This course is available for EM credit. GE quant reason basic computation course.

**1116 Excursions in Mathematics** U 3  
Critical thinking and problem solving, with relevant topics met in everyday life. Appropriate for non-science majors. Prereq: 1073, 1074, 1075, 75, or 104; or Math Placement Level R or above; or ACT math subscore of 22 or higher that is less than 2 years old. Not open to students with credit for 1152 (153) or above. GE quant reason math and logical any course.

**1130 College Algebra for Business** U 4  
Algebraic, exponential, and logarithmic functions. Matrix algebra. Applications to business. Prereq: A grade of C- or above in 1075, or credit for 104, or Math Placement Level M or N, or ACT math subscore of 22 or higher that is less than 2 years old. Not open to students with credit for 1131 (131), or for any Math course numbered 1149 (150) or above. This course is available for EM credit. GE quant reason math and logical any course.

## 6 Mathematics

**1131 Calculus for Business** U 5

Survey of calculus of one and several variables; applications to business. Prereq: A grade of C- or above in 1130, 1144, 1148, or 1150, or credit for 130, 148, or 150, or Math Placement Level L. Not open to students with credit for 1151 (151) or above, or 1134 (132). This course is available for EM credit. GE quant reason math and logical any course.

**1135 Number and Operations for Teachers** U 5

The first course in a two semester sequence for teachers of elementary and middle grade students. This course focuses on concepts of numbers and arithmetic operations, including modern and historical perspectives. Prereq: A grade of C- or above in 1075; or credit for 1074, 75, or 104; or Math Placement Level R or above; or ACT math subscore of 22 or higher that is less than 2 years old. Not open to students with credit for 106.

**1148 College Algebra** U 4

Functions: polynomial, rational, radical, exponential, and logarithmic. Introduction to right-angle trigonometry. Applications. Prereq: A grade of C- or above in 1075, or credit for 104 or 148, or Math Placement Level N, or ACT math subscore of 22 or higher that is less than 2 years old, or permission of department. Not open to students with credit for 1144, or for Math courses numbered 1150 (150) or above. This course is available for EM credit. GE quant reason math and logical any

**1149 Trigonometry** U 3

Trigonometric functions and their properties. Vectors, polar coordinates and complex numbers. Prereq: A grade of C- or above in 1148, or permission of department. Not open to students with credit for 1144, or for any Math course numbered 1150 (150) or above. This course is available for EM credit. GE quant reason math and logical any course.

**1150 Precalculus** U 5

Functions: polynomial, rational, radical, exponential, logarithmic, trigonometric, and inverse trigonometric. Applications. Prereq: Math Placement Level M. Not open to students with credit for 1144, 1148, or for 1149 or above, or for any quarter Math course numbered 150 or above. This course is available for EM credit. GE quant reason math and logical any course.

**1151 Calculus I** U 5

Differential and integral calculus of one real variable. Prereq: A grade of C- or above in 1148 and 1149, or in 1144, 1150, or 150, or Math Placement Level L. Not open to students with credit for 1152 or 152.xx, or above. This course is available for EM credit. GE quant reason math and logical any course.

**1152 Calculus II** U 5

Integral calculus, sequences and series, parametric curves, polar coordinates, (optional: vectors). Prereq: A grade of C- or above in 1114 (114), 1151, 1156, 1161.xx, 152.xx, 161.xx, or 161.01H. Not open to students with credit for 1172, 1181H or any Math class numbered 1500 or above, or with credit for 153.xx, or Math courses numbered 162.xx or above. This course is available for EM credit. GE quant reason math and logical any course.

**1154 Calculus I for Engineering Technology** U 4

Calculus I for Engineering Technology is the first in a two-course calculus sequence specifically designed for Engineering Technology. It covers standard Calculus topics including limits, differentiation, integration, optimization, and approximation with an emphasis on building mathematical intuition, problem solving ability and using appropriate technology to find solutions. Prereq: A grade of C- or above in 1148 and 1149, or grade of C- or above in 1144 or 1150, or Math Placement Level L. Not open to students with credit for 2153 or above.

**1155 Calculus II for Engineering Technology** U 4

Calculus II for Engineering Technology is the second in a two-course calculus sequence specifically for Engineering Technology. It covers standard Calculus topics including related rates, Taylor Polynomial approximations, differential equations and functions of several variables with an emphasis on building mathematical intuition, problem solving and using appropriate technology to find solutions. Prereq: A grade of C- or above in 1154.

**1172 Engineering Mathematics A** U 5

Techniques of integration, Taylor series, differential calculus of several variables. Applications. Prereq: A grade of C- or above in 1114 (114), 1151, 1156, 1161.xx, 152.xx, 161.xx, or 161.01H. Not open to students with credit for 1152, 1534 (153.xx), or 1544 (154), or for any Math class numbered 1172 or above, or for any quarter-system Math class numbered 254.xx or above. Not open to students majoring in Math, pre-Actuarial Science, or Actuarial Science. This course is available for EM credit.

**2138 Calculus and its History for Teachers** U 3

This is one of two independent courses which follow Math 1136 to provide necessary content for middle grade teachers. This course focuses on functions and calculus, including modern and historical perspectives. Prereq: A grade of C- or above in 1136; and a grade of C- or above in 1149 or 1150, or credit for 150, or math placement level L.

## Philosophy

**1100 Introduction to Philosophy** U 3

Examination of major problems, such as the nature of reality, knowledge, truth, morality, and the relation of philosophy to science and religion. GE cultures and ideas course.

**1300 Introduction to Ethics** U 3

The nature of right and wrong, good and evil; the grounds of moral choice and decision; the resolution of moral conflicts. Prereq: GE cultures and ideas course.

## Physics

**1106.01 Physics by Inquiry: Properties of Matter, Heat and Temperature, and Forces and Motion** U 5

Investigation of the properties of matter, motion and thermodynamics using the inquiry technique. Intended for non-science majors.

Prereq: Not open to students with credit for Physics 106 and 107. GE nat sci phys course. NS Admis Cond course.

**1200 Mechanics, Kinematics, Fluids, Waves** U 5

Algebra-based introduction to classical physics: Newton's laws, fluids, waves.

Prereq: A grade of C- or above in Math 1148 (148), or Math Placement Level M. Not open to students with credit for 111. This course is available for EM credit. GE nat sci phys course. NS Admis Cond course.

**1250 Mechanics, Work and Energy, Thermal Physics** U 5

Calculus-based introduction to classical physics: Newton's laws, work and energy, fluids, thermodynamics; for students in physical sciences, mathematics, and engineering. Prereq or concur: Math 1141, 1151, 1156, 1161, 1181H, or 4181H. This course is available for EM credit. GE nat sci phys course.

**1251 E&M, Waves, Optics, Modern Physics** U 5

Calculus-based introduction to electricity and magnetism, waves, simple optics, and quantum mechanics; for students in physical sciences, mathematics, engineering. Prereq: 1250, 1250H, or 1260; and Math 1141 or 1151 or above; or permission of instructor. Concur: Math 1152, 1161, 1172, 1181H, or 4181H. This course is available for EM credit. GE nat sci phys course.

## Political Science

**1100 Introduction to American Politics** U 3

Introduction to American politics, the institutions and processes which create public policy, the strengths and weaknesses of the American political systems.

Prereq: Not open to students with credit for 3100 (300), 101, or 101H. This course is available for EM credit. GE soc sci orgs and polities course. SS Admis Cond course.

## Psychology

**1100 Introduction to Psychology** U 3

A prerequisite to advanced courses; a broad survey of psychological science. Application of the scientific method to the empirical study of behavior with emphasis on individual and cultural differences.

Prereq: Not open to students with credit for 100, 1100H (100H) or 1100E (100E). This course is available for EM credit. GE soc sci indivs and groups and diversity soc div in the US course.

**2300 Research Methods in Psychology** U 3

An overview of issues, methods, and techniques of scientific psychological research. Students must be pursuing majors or minors in Psychology.

Prereq: 1100 (100) or 1100H (100H). Not open to students with credit for 300.

**2303 Positive Psychology** U 3

Introduction to the field of positive psychology. Topics include positive affect, subjective well-being, optimism, psychological strengths, emotional intelligence, compassion, humor, and spirituality.

Prereq: Not open to students with credit for Psych 303.

**2367.01 Social Psychology** U 3

Survey of group processes as they affect individual behavior; topics include individual motivation, group behavior, attitudes, and perception of self and others.

Prereq: 1100 (100) or 1100H (100H), and English 1110.01, 1110.01H, 1110.02, 1110.02H, 1110.03, 110, or 111, or equiv, and Soph standing or above. Not open to students with credit for 3325 (325), 3325H (325H), or 367.01. GE writing and comm: level 2 and soc sci indivs and groups course.

**3312 Memory and Cognition** U 3

An introduction to experimental study of human memory and cognition. Prereq: 1100 or 1100H.

**3313 Introduction to Behavioral Neuroscience** U 3

Introduction to the structure and function of the nervous system in relation to behavior. Prereq: 1100 or 1100H.

**3331 Abnormal Psychology** U 3

Examination of current theories and empirical findings regarding the major forms of psychopathology and treatment. Prereq: 1100 or 1100H. Not open to students with credit for 2367.02, 3331H, or 3331E.

**3340 Introduction to Life Span Developmental Psychology** U 3

Consideration of theories and research on psychological development across the lifespan; includes consideration of social policies that influence developmental outcomes.

Prereq: 1100 (100) or 1100H (100H). Not open to students with credit for 340, 340H, or 340E.

**4475 The Self** U 3

Survey of classic and contemporary theory and research on social psychological study of the self; diverse approaches, and various gender, ethnic, and cross-cultural perspectives. Prereq: A grade of C- or above in 2220, 2300, and 2367 prior to SU13, 2367.01, 3325, 3325H, or 3375. Not open to students with credit for 475.

## Social Work

**1120 Introduction to Social Welfare** U 3

An introduction to the history, structure, and function of the social welfare institution. Prereq: Not open to students with credit for 220 or 520. GE soc sci human, nat, and econ resources course.

**1130 Introduction to Social Work in Contemporary Society** U 3

An introduction to the core values, fundamental goals, unique functions and methods of the social work profession. Prereq: Not open to students with credit for 230. GE soc sci indivs and groups course.

**3101 Professional Values and Ethics** U 3

Introduction to the NASW Code of Ethics, ethical theory, and ethical issues and dilemmas that confront professional social workers. Prereq: Enrollment in SocWork major. Not open to students with credit for 690.

**3401 Research & Statistics for Understanding Social Work Problems and Diverse Populations** U 3

This is the first course in the BSSW program sequence preparing students to effectively work with research evidence and statistics as social work professionals. Students will develop the requisite skills and knowledge for beginning to identify, assess, and apply existing bodies of evidence to answer questions about social work problems and diverse populations. Prereq: Math 1060 or 1075 or above or Math Placement Level R or above, and admission to the Social Work major. Not open to students with credit for 3401E.

**3501 Engagement and Interviewing Skills** U 3

Addresses interviewing skills critical to social work. Didactic and experiential methods will provide a foundation for practice and facilitate entry into the field. Prereq: Jr or Sr standing, and enrollment in SocWork major.

**4188.01 Undergraduate Field Seminar** U 1

Integration of knowledge and practice; problem solving and discussion of social work practice issues, values, and ethics. Taken concurrently with field practicum. Prereq: 3502 (645). Concur: 4189. Repeatable to a maximum of 2 cr hrs.

**4189 Field Practicum** U 5

Internship in a social work agency. Students integrate classroom knowledge and skills with practice experiences. Prereq: 3502 (645). Concur: 4188.01 or 4188.02. Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

**4501 Generalist Practice with Families** U 3

Application of professional values, knowledge, and skills essential for effective generalist social work practice with families. Prereq: 3502 (645). Not open to students with credit for 646.

**4502 Generalist Practice with Groups** U 3

Application of professional values, knowledge, and skills essential for effective generalist social work practice with small groups. Prereq: 3502 (645). Not open to students with credit for 646.

## Sociology

**1101 Introductory Sociology** U 3

Fundamental concepts of sociology and introduction to the analysis of social problems and interactions (e.g. wealth, gender, race, inequality, family, crime) using sociological theories. Au, Sp, Su Sems. Prereq: Not open to students with credit for 1101H (101H), 1101E, 101, RurSoc 1500 (105), or equiv. GE soc sci orgs and politics and diversity soc div in the US course.

**2209 Introduction to Criminal Justice** U 3

Examination of the development and administration of criminal law and agencies (police, courts, corrections); emphasis on criminal proceedings and their justification. Prereq: Not open to students with credit for 209.

**3430 Sociology of the Family** U 3

Analysis of relationships between the family and the larger society including mate selection, status of women, and patterns of husband-wife and parent-child relationships. Prereq: Not open to students with credit for 430.

**3435 Sociology of Gender** U 3

Analyzes multilevel processes that differentiate women and men in education, employment, and relationships. Examines variations in gendered experiences across race-ethnicity, social class, and sexuality. Prereq: Not open to students with credit for 435. GE diversity soc div in the US course.

**3488 Introduction to Sociological Theory** U 3

Introductory statement of the nature of sociological theory, its basic problems, assumptions, major types and orientations, and principal contributions to the discipline. Prereq: 3 cr hrs taken at 2000-3000 level. Not open to students with credit for 488.

**3597.02 World Population Problems** U 3

General introduction to population studies, emphasizing how population growth and structure have caused or aggravated social problems in various countries. Prereq: A general education quantitative reasoning course. Not open to students with credit for 597.02. GE diversity global studies and cross-disciplinary seminar course.

**4509 Sociology of Law** U 3

The relationship between law and social order emphasizing the structure of law, social origins of law, and law as a source of social change. Prereq: Jr standing or above, or permission of instructor or department. Not open to students with credit for 509.

## Spanish

**1101 Spanish I** U 4

Development of listening, reading, speaking, and writing skills in cultural contexts. Not open to native speakers of this language through regular course enrollment or EM credit or to students with 3 or more years of high school Spanish. Students with 1+ years of high school Spanish must take the MultiCAT placement exam. Prereq: Not open to students with credit for 1101.01, 1102, 1102.01, 1103, 1103.01, 1113, 1155, or equiv. courses. This course is available for EM credit. GE for lang course.

**1102 Spanish II** U 4

Further development of listening, reading, speaking, and writing skills in cultural contexts. Both classroom-based and 100% online sections available each semester. Not open to native speakers of this language through regular course enrollment or EM credit. Prereq: 1101 or 1101.01. Not open to students with credit for 1102.01, 1103.01, 1103.51, 1155, or equiv. courses. This course is available for EM credit. GE for lang course.

**1103 Spanish III** U 4

Continuing development of listening, reading, speaking, and writing skills in cultural contexts. Both classroom-based and 100% online sections available each semester. A grade of C- or above is required to continue to 2202. Not open to native speakers of this language through regular course enrollment or EM credit. Prereq: 1102 or 1155 or equiv. Not open to students with credit for 1103.01, 1103.51, 2202.01, or 2202.51. This course is available for EM credit. GE for lang course.

## Statistics

**1350.01 Elementary Statistics** U 3

Introduction to probability and statistics, experiments, and sampling, data analysis and interpretation. Prereq: Math 1050, or Math Placement Level S, or permission of instructor. Not open to students with credit for GE Data Analysis course (AEDEcon 2005, AnimSci 2260, Astron 3350, Chem 2210, 2210H, ComLdr 3537, EarthSc 2245, Econ 3400, ENR 2000, Geog 2200.01, 2200.02, HCS 2260, IntStds 3400, Ling 2051, 2051H, Philos 1520, Physics 3700, PolitSc 3780, 4781, Social 3549, Stat 1350, 1350.01, 1430, 1430.01, 1430.02, 1430H, 1450, 1450.01, 1450.02, 2450, 2450.01, 2450.02, 2480, 2480.01, 2480.02, 3450, 3450.01, 3450.02, 3460, 3470, 3470.01, 3470.02, 4202, 5301, or 5302). GE data any course.

**1430.01 Statistics for the Business Sciences** U 4

Fundamentals of probability and statistics: Data collection and summaries, random variables, simple linear regression, two-way tables, conditional probability, sampling distributions, confidence intervals, hypothesis tests, analysis of variance. In-person recitation. Prereq: Math 1131, 1141, 1151, 1156, 1161.xx, or 1181H, or permission of instructor. Not open to students with credit for 1430, 1430.02, or BusMgt 2320. GE data any course.

**1450.01 Introduction to the Practice of Statistics** U 3

Algebra-based introduction to data analysis, experimental design, sampling, probability, inference, and linear regression. Emphasis on applications, statistical reasoning, and data analysis using statistical software. Prereq: Math 1116 or 1130 or above, or Math Placement Level L or M, or permission of instructor. Not open to students with credit for 1450, 1450.02, 2450, 2450.01, 2450.02, 2480, 2480.01, or 2480.02. GE data any course.

## Theatre

**2100 Introduction to Theatre** U 3

A study of the art and profession of theatre, with an emphasis on evaluating and appreciating live performance, theatre's cultural importance, and its relationship to issues of social diversity. Students study performance conventions, texts, & spaces from ancient times to present day. While not an acting class, students get firsthand experience in the collaborative process of theatre creation. Prereq: Not open to students with credit for 2100H or 2101H. GE VPA and diversity soc div in the US course.

**2811 The Craft of Acting** U 3

An introductory acting class exploring the basic techniques of imagination, concentration, character development, and script analysis through work on monologues, scenes, and plays. Prereq: Not open to students with credit for 280. GE VPA course.

**4000.01 Practicum: Stage Management** U 1-3

Individual theatrical performance and production activities at an advanced level under faculty supervision. Prereq: Permission of instructor. Not open to students with credit for 405.01. Repeatable to a maximum of 18 cr hrs or 8 completions.

**4000.02 Practicum: Sound** U 1-3

Individual theatrical performance and production activities at an advanced level under faculty supervision. Prereq: Permission of instructor. Repeatable to a maximum of 18 cr hrs or 8 completions.

## 8 Theatre

**4000.05 Practicum: Costuming & Makeup** U 1 - 3

Individual theatrical performance and production activities at an advanced level under faculty supervision.

Prereq: Permission of instructor. Repeatable to a maximum of 18 cr hrs or 8 completions.

**4000.06 Practicum: Lighting** U 1 - 3

Individual theatrical performance and production activities at an advanced level under faculty supervision.

Prereq: Permission of instructor. Repeatable to a maximum of 18 cr hrs or 8 completions.

**4000.08 Practicum: Acting** U 1 - 3

Individual theatrical performance and production activities at an advanced level under faculty supervision.

Prereq: Permission of instructor, by audition. Repeatable to a maximum of 18 cr hrs or 8 completions.

**4000.09 Practicum: General** U 1 - 3

Individual theatrical performance and production activities at an advanced level under faculty supervision.

Prereq: Permission of instructor. Repeatable to a maximum of 18 cr hrs or 8 completions.

### Women's, Gender, and Sexuality Studies

**1110 Gender, Sex and Power** U 3

Introduces students to the study of gender, sex, and power. We will draw on a variety of literatures to analyze gender, race, sexuality, and other identities. We will place the study of US women in broader transnational contexts. GE cultures and ideas and soc sci indivs and groups and diversity soc div in the US course.

**2215 Reading Women Writers** U 3

Study of women writers' strategies for articulating experiences and using literature as a lens for social reality and catalyst for social and political change.

Prereq: Not open to students with credit for 215. GE lit course.