

# Accounting and Management Information Systems 1

## 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

**1122 African Civilizations, 1870 to the Present** U 3

Exploration of the political, social, and economic history of colonial and independent African countries, using a variety of interdisciplinary approaches and materials.

Prereq: English 1110 (110). Not open to students with credit for 122. GE historical study and diversity global studies course.

**2080 African American History to 1877** U 3

The study of the African American experience in America from arrival through the era of Reconstruction, focusing on slavery, resistance movements, and African American culture. Prereq: or concur: English 1110.xx. Not open to students with credit for 323.01 or History 2080 (323.01). GE historical study course. Cross-listed in History.

## Anatomy

**2300.01 Human Anatomy** U 4

Regional study of the basic structure and terminology associated with the human body supplemented with computer-assisted instruction. Laboratory includes demonstrations on prosected human cadavers.

Prereq: Health Science students in CED and ASC. Not open to students with credit for 3300.

## Anthropology

**2202 Peoples and Cultures: An Introduction to Cultural Anthropology** U 3

Comparative survey of traditional and contemporary peoples in the several world culture regions; culture concepts; study of selected topics.

Prereq: Not open to students with credit for 202. GE soc sci indivs and groups and diversity global studies course.

## Art

**2000 Encountering Contemporary Art** U 3

Readings, lectures, discussions and field trips will introduce students to a diverse range of ideas, processes and contexts shaping the experience of visual art today.

Prereq: Not open to students with credit for 162 or 200.

**2100 Visual Studies: Beginning Drawing** U 3

An introduction to basic freehand drawing, exploration of a range of drawing methods, media, concepts; emphasis on drawing from observation.

Prereq: Not open to students with credit for 170, 205, or 205H. This course is available for EM credit. GE VPA course.

**2300 Visual Studies: Two Dimensional** U 3

Basic concepts of two-dimensional art dealing with visual structure, process, content, and invention.

Prereq: Not open to students with credit for 172, 206, or 206H. This course is available for EM credit. GE VPA course.

**2500 Visual Studies: Digital Image Manipulation** U 3

Introduction to the creation, manipulation and critical interpretation of graphic and photographic artwork. Includes input and output of digital work as it applies to artists.

Prereq: Not open to students with credit for 350.

**2555 Photography I - Digital Camera** U 3

Introduces photographic theory, practice, and aesthetics with image production, commercial lab prints and critiques. Student provides digital camera, minimum 6 mp, with full manual controls and exposure compensation available.

Prereq: Not open to students with credit for 300.01, 300.02, or 300.02H. GE VPA course. VSP Admis Cond course.

## Art Education

**3900 Art & Curriculum Concepts for Teachers** U 2

Problems of teaching in terms of personal knowledge about art, insight into children's art work, and understanding of elementary school curriculum.

Prereq: Not open to students with credit for 600. Not open to art education teacher-candidates. Admis Cond course.

## Arts and Sciences

**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.

**2193 Individual Studies** U 1-3

Individual Studies for undergraduate students.

Prereq: Permission of instructor. Repeatable to a maximum of 6 cr hrs or 2 completions. 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, Entm1g 1101 (101), or MolGen 1101 (PIntBio101). 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.

**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.

## 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.

## 2 Business Admin: Management & Human Rsrcls

### Business Admin: Management & Human Rsrcls

**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.

**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: Eligibility to enroll in Math 1116 (116). Not open to students with credit for 1210 (121), 1250, 1610 (161), 1910H (201H), or 102. This course is available for EM credit. GE nat sci phys course. NS Admis Cond 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 1130 (130), 1131 (131), 1148 (148), 1150 (150), or above. Not open to students with credit for 1220 (123), 1620 (162), 1920H (202H), 1250 (125), 1610, or 1910H (202H). This course is available for EM credit. GE nat sci phys course. NS Admis Cond 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.

### Communication

**1101 History of Communication** U 3

History of human communication from the beginning of spoken and written communication to modern mediated and mass communication. Prereq: Not open to students with credit for 101. GE soc sci indivs and groups course.

**2110 Principles of Effective Public Speaking** U 3

A course in critical thinking and public speaking; how to analyze and organize information for oral presentations; basics of public speaking for majors and non-majors. Prereq: Not open to students with credit for 321.

### 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.

**2214 Introduction to Sexuality Studies** U 3

Provides an introduction to sexuality studies through an interdisciplinary approach. To apply the knowledge learned, this course requires a fieldwork component. Prereq: Not open to students with credit for 214, EduPAES 214, or SxlySt 2214. GE diversity soc div in the US course. Cross-listed in SxlySt.

### Computer Science and Engineering

**1223 Introduction to Computer Programming in Java** U 3

Introduction to computer programming and to problem solving techniques using computer programs; programming lab experience. Prereq: Not open to students with credit for 201. This course is available for EM credit.

**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 (130) or above. Not open to students with credit for 1111 (101), 1112 (105), or 200. This course is available for EM credit. GE quant reason math and logical anly 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. Prereq: Not open to students with credit for 230.

### 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 EarthSci 100 or GeolSci 100. This course is available for EM credit. GE nat sci phys course. NS Admis Cond 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 1-4

Professional service with children or youth in a school or community agency. Prereq: Permission of instructor. Repeatable to a maximum of 15 or hrs or 15 completions. This course is graded S/U.

**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.

## Education: Teaching and Learning 3

**3189 Field Experience** U 1 - 2

Field experience within teaching and learning majors.  
Prereq: Admission to Teaching and Learning Major. Repeatable to a maximum of 4 or hrs or 4 completions.

**3356 Literature for Adolescents** U 3

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.

**4005 Urban Teaching and Learning** U 3

This course introduces students to issues related to teaching and learning in urban school contexts.  
Prereq: Not open to students with credit for 559. GE soc sci indivs and groups and diversity soc div in the US course.

**4191 Internship** U 1 - 15

Internship in an educational or community setting.  
Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 15 completions.

**5102 Teaching and Learning of Literacy in Grades Pre-K - 3** U G 3

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.

**5123 Early Childhood Pedagogy** U G 3

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.

**5137 Teaching and Learning of Social Studies Grades Pre-K - 3** U G 3

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 377.

**5191 Supervised Student Teaching Internship** U G 3 - 15

Student teaching internship in a P-12 classroom where students assume major teaching responsibilities under the guidance of a cooperating teacher and university supervisor.  
Prereq: Permission of instructor. Repeatable to a maximum of 30 cr hrs or 2 completions.

**5195 Reflective Seminar** U G 1 - 4

Seminar held in conjunction with field experience or student teaching internship. The goals are to process, reflect upon, and enhance benefits of the school experiences.  
Prereq: Admission to major in Education or Master in Education. Repeatable to a maximum of 10 cr hrs or 5 completions. This course is graded S/U.

**5270 Mathematics Methods for Preservice Middle Childhood Teachers** U G 3

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.  
Prereq: Not open to students with credit for 709.

**5275 Science Methods for Preservice Middle Childhood Teachers** U G 3

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.

**5282 The Social Transitions of 4th and 5th Grade Learners** U G 3

Focuses on the social and emotional development of the early adolescent in society, home and in the classroom setting.  
Prereq: 3160 or HDFS 2410; or Grad standing. Not open to students with credit for 681.

**5453 Critical Literacy in Content Area Classrooms** U G 3

Teaches teachers to provide the support many students need throughout their schooling to develop their literacy skills in content areas; recognizing that learning the discourses of various fields and genres is a life-long endeavor.  
Prereq: Not open to students with credit for 853.

**5468 Reading Foundations** U G 3

Introduction to basic concepts about the reading process, learning to read, social/cultural factors affecting literacy development and effective literacy instruction. Prereq or concur: 2368 or 3356. Not open to students with credit for 668.

**5469 Understanding Phonics and its Role in Instruction** U G 3

Detailed examination of how English maps spellings to pronunciations, the role of phonics knowledge in learning to read, and effective assessment and instruction.  
Prereq: 5468 (668). Not open to students with credit for 669.07.

**5470 Assessment and Instruction for Struggling Readers** U G 3

Provides an introduction to theories, assessments, and instructional practices that effectively address the literacy needs of struggling and at-risk readers. Laboratory experience required.  
Prereq: 5468 and 5469, or permission of instructor. Not open to students with credit for 670.

**7712 K-6 Measurement and Geometry** G 2

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: Counselor Education

**2189S First Education Experience Program (FEPE)** U 3 - 5

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

**1259 Individual Learning and Motivation: Strategies for Success in College** U 3

Teaches learning and motivation strategies to help students manage time, improve grades, and achieve college success.  
Prereq: Not open to students with credit for EduPL 259.

**2309 Psychological Perspectives on Education** U 3

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: Higher Educ & Student Affairs

**2572 Introduction to Leadership Development in Learning Organizations** U 3

Concepts and strategies that are necessary to be an effective leader. Through a variety of leadership assessments, students will learn about their leadership styles and preferences.  
Repeatable to a maximum of 12 cr hrs.

## Educational Studies: Special Education

**5650 Introduction to Exceptional Children** U G 3

An overview of the education of exceptional learners including a discussion of their characteristics and a review of historical approaches to their education and of contemporary educational practices.  
Prereq: Not open to students with credit for EduPAES 650.

## Engineering

**1181.01 Fundamentals of Engineering I** U 2

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 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.

## English

**1109 Intensive Writing and Reading** U 4

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.

**1110.01 First-Year English Composition** U 3

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.

## 4 English

<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>1193</b>	<b>Individual Studies</b>	<b>U</b>	<b>1 - 4</b>
Intensive practice in the fundamentals of expository writing. Prereq: Permission of Director of First-Year Writing. Concur: 1110.03. Repeatable to a maximum of 6 or hrs or 6 completions. This course is graded S/U.			
<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 (110.01), or equiv. Not open to students with credit for 2201H (201H) or 201. 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>2275</b>	<b>Thematic Approaches to Literature</b>	<b>U</b>	<b>3</b>
An introduction to literature through the examination of a major theme as treated in different genres and periods; topic varies by semester. Prereq: 1110.01 (110.01) or equiv. Not open to students with 10 qtr or hrs for 275. Repeatable to a maximum of 6 or hrs. GE lit course.			
<b>2276</b>	<b>Arts of Persuasion</b>	<b>U</b>	<b>3</b>
Introduces students to the study and practice of rhetoric and how arguments are shaped by technology, media, and cultural contexts. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 276. GE cultures and ideas 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>2367.02</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>3271</b>	<b>Structure of the English Language</b>	<b>U</b>	<b>3</b>
Students learn basic characteristics of English linguistics focusing on the basic building blocks of language; the sounds of English and how they are put together, word formation processes, and rules for combining words into utterances/sentences. Students investigate and explore linguistic variation, accents of American English, and the implications of language evaluation in educational settings. Prereq: 1110.01 (110.01). Not open to students with credit for 4570 (570), 6760 (760), 271, 669, 671, 2271, or Linguist 601. GE cultures and ideas course.			
<b>3378</b>	<b>Special Topics in Film and Literature</b>	<b>U</b>	<b>3</b>
Focuses on the relationship between film and literature; topics may include adaptation, cross-media themes and modes, influence of cinema on literature and vice versa. Prereq: 1110. Not open to students with 10 qtr or hrs for 378. Repeatable to a maximum of 6 or hrs. GE cultures and ideas 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/L. 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>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>4540</b>	<b>Nineteenth-Century British Poetry</b>	<b>U</b>	<b>3</b>
Studies the origins of modern poetry in the years following the French Revolution in 1789 and its development throughout the nineteenth century. Prereq: 10 qtr or hrs or 6 cr hrs of English at 2000-3000 level, or permission of instructor. 5 qtr or hrs in 367 or 3 cr hrs in 2367 in any subject is acceptable towards the 6 cr hrs. Not open to students with credit for 540.			

<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 cr hrs of English at 2000-3000 level, or permission of instructor. 5 qtr or hrs in 367 or 3 cr hrs in 2367 in any subject is acceptable towards the 6 cr hrs. Not open to students with 10 qtr or hrs for 581 or 6 sem cr hrs for 4581. Repeatable to a maximum of 6 cr hrs.			

### Environment and Natural Resources

<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. Au, Sp, Su Sems. Prereq: Not open to students with credit for 201. This course is available for EM credit. GE nat sci bio course.			

### 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.			

### Geography

<b>1900</b>	<b>Extreme Weather and Climate</b>	<b>U</b>	<b>4</b>
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.			
<b>2750</b>	<b>World Regional Geography</b>	<b>U</b>	<b>3</b>
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

<b>1101.01</b>	<b>German I</b>	<b>U</b>	<b>4</b>
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.			
<b>1103.01</b>	<b>German III</b>	<b>U</b>	<b>4</b>
Development of skills for independent use of German. Discussions, presentations, writing & listening/viewing activities that address topics of the contemporary German-speaking world. CEFR Level B1. Not open to native speakers of this language through regular course enrollment or EM credit. Prereq: 1102.01, or 4 sem cr hrs of 1102.51, or 1266, or concur: 1102.01, or 1102.51, or permission of instructor. Not open to students with credit for 1103.51. 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.

**2002 Making America Modern** U 3  
 A rigorous, intermediate-level history of modern U.S. in the world from the age of industrialization to the age of globalization. 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 1152 (152). 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.

**2700 Global Environmental History** U 3  
 Global overview of the ecology of the human condition in past time, stressing climate change, earth systems, technology, energy, demography, and human cultural-economic revolutions.  
 Prereq or concur: English 1110.xx. Not open to students with credit for 366.01. GE historical study and soc sci human, nat, and econ resources and diversity global studies course.

**3070 Native American History from European Contact to Removal, 1560-1820** U 3  
 Major issues and events in Native American history from before the European invasion and colonization through the early 1820s. Prereq: English 1110.xx, or permission of instructor. Not open to students with credit for 568.01. GE historical study course.

**4250 Readings in Modern European History** U 3  
 Advanced readings on selected topics in Modern European History.  
 Prereq or concur: English 1110 or equiv, and course work in History at the 3000 level, or permission of instructor. Repeatable to a maximum of 6 cr hrs.

**4255 Research Seminar in Modern European History** U 3  
 Advanced research and writing on selected topics in Modern European History.  
 Prereq or concur: English 1110 or equiv, and course work in History at the 3000 level, or permission of instructor. Repeatable to a maximum of 6 cr hrs.

### 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.  
 Prereq: Not open to students with credit for 201 or 210. This course is available for EM credit. GE VPA and historical study and diversity global studies course.

**2002 Western Art II: The Renaissance to the Present** U 3  
 Examination of the history of art in Europe and the United States, from 1400 to the present.  
 Prereq: Not open to students with credit for 202 or 212. This course is available for EM credit. GE VPA and historical study and diversity global studies course.

**2003 The Art and Visual Culture of East Asia** U 3  
 Art of East Asian cultures from ancient through contemporary times.  
 Prereq: Not open to students with credit for 213 or 2003H. 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: 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.  
 Prereq: Not open to students with credit for EduPAES 103.

**1147 Principles of Fitness and Wellness** U 2  
 Course is designed to introduce students to concepts of wellness which include domains of the physical, social, emotional, spiritual, environmental, occupational, intellectual, and financial. The course will emphasize the relationship between wellness and quality of life over the lifespan. Students will develop a personal program that includes exercise, nutrition, and disease prevention.

**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 150.

**1191.01 Volleyball I** U 1  
 Introduction to power volleyball.  
 Prereq: Not open to students with credit for EduPAES 191.01.

**1196.19 Varsity Squads: Volleyball** U 2  
 Participation as a player on an OSU varsity squad.  
 Prereq: Must be a member of the OSU varsity volleyball squad. Repeatable to a maximum of 10 cr hrs or 10 completions. 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.

**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 course.

**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.

## 6 Mathematics

**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 anly 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 anly 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 anly course.

**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.

### Microbiology

**4000 Basic and Practical Microbiology** U 4

Provides an understanding of microorganisms and their interaction with the human experience.  
Prereq: 3 or hrs in Biology. Not open to students with credit for Micrbiol 509. GE nat sci bio course.

### Music

**2203.03 University Chorus** U ½ - 2

Selected choral works are studied and performed.  
Prereq: Admission by audition only. Repeatable to a maximum of 16 or hrs or 8 completions. VSP Admis Cond course.

**2250 Music Cultures of the World** U 3

A survey of musical cultures outside the Western European tradition of the fine arts.  
Prereq: Not open to students with credit for 250. GE VPA and diversity global studies course. VSP Admis Cond course.

**2253 Introduction to Jazz** U 3

A study of the characteristics, styles, structures of jazz, and jazz performers.  
Prereq: Not open to students with credit for 253 or to Music majors. GE VPA course.

**3370 Music for Elementary Teachers** U 2

Music literature and teaching aids for children, including singing, rhythmic, creative, and listening experiences, and their presentation.  
Prereq: Not open to students with credit for 370.

### 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.  
Prereq: Not open to students with credit for 101 or 101H. 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: Not open to students with credit for 130 or 130H. 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.

**1250 Mechanics, Thermal Physics, Waves** U 5

Calculus-based introduction to classical physics: Newton's laws, fluids, thermodynamics, waves; for students in physical sciences, mathematics, and engineering.Prereq: 1 entrance unit of Physics or Chem. Concur: Math 1151 (152), 1161 (161), 1181H (161H), or 4181H (190H) or above. Not open to students with credit for 131. This course is available for EM credit. GE nat sci phys course. NS Admis Cond 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.

**1300 Global Politics** U 3

Cooperation and conflict in world politics. Covers basic theories of international relations and key issues, including security, political economy, international organizations, and the environment.  
Prereq: Not open to students with credit for 145 or 145H. GE soc sci human, nat, and econ resources and diversity global studies 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.

**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.

**2376 Interpersonal Relationships** U 3

Surveys the scientific literature on interpersonal relationships, including family, friends, and romantic partnerships.  
Prereq: 1100 (100) or 1100H (100H). Not open to students with credit for 376.

**3313 Introduction to Behavioral Neuroscience** U 3

Introduction to the structure and function of the nervous system in relation to behavior.  
Prereq: 1100 (100) or 1100H (100H). Not open to students with credit for 313.

**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.

**3530 Theories of Personality** U 3

Major theoretical and research orientations in the study of normal and abnormal personality development, with a focus on personality processes.  
Prereq: 1100 (100) or 1100H (100H). Not open to students with credit for 530.

**3550 Psychology of Childhood** U 3

Introduction to the major phenomena, methods, theories, and findings of developmental psychology, especially as they apply to infancy and childhood.  
Prereq: 1100 (100) or 1100H (100H). Not open to students with credit for 550 or 550H.

**4520 Social Psychology Laboratory** U 3

Training in experimental and quantitative methods in social psychology. Experiments include topics such as attitudes, persuasion, social cognition, and group processes.  
Prereq: 2220, 2300, and 2367 prior to SU13 (367.01), 2367.01, 3325 (325), 3325H (325H), or 3375 (375), and enrollment in Psych major. Not open to students with credit for 4510 (510) or 520.

**4540 Counseling Psychology** U 3

Issues within the field of counseling psychology including assessment, counseling skills, multicultural issues, career, professional, and ethical issues.  
Prereq: 2220 and 2300, and 2367.02, 3331 (331), 3331H (331H), 3331E (331E), 3335 (335) or 3530 (530). Not open to students with credit for 540.

**5606 High-Level Vision** U G 3

Examines the perceptual processes by which humans and other animals are able to obtain knowledge about the three-dimensional environment.Prereq: 3310; and 2220 and 2300, or Neuroscience major. Not open to students with credit for 606.

### Sexuality Studies

**2214 Introduction to Sexuality Studies** U 3

Provides an introduction to sexuality studies through an interdisciplinary approach. To apply the knowledge learned, this course requires a fieldwork component. Prereq: Not open to students with credit for CompStd 2214 (214) or EduPAES 214. GE diversity soc div in the US course. Cross-listed in CompStd.

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.

**3301 Lifespan Development in Social Work** U 3

Students examine human development processes across the lifespan to understand human behavior. Prereq: Enrollment in SocWork major. Not open to students with credit for 533 or 534.

**3401 Discovering Evidence** U 3

Focuses on the role of research in social work practice and how evidence is used to guide practice at all intervention levels. Prereq: Jr or Sr standing, and enrollment in Social Work major. Not open to students with credit for 3401E, 570, 570E, 571, or 571H.

**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 or 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 or 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, RurISoc 1500 (105), or equiv. GE soc sci orgs and polities and diversity soc div in the US course.

**2310 Sociology of Gangs** U 3

Broad range of topics related to gang activity with a focus on why individuals join gangs, societal consequences of gangs, and social policy. Prereq: Not open to students with credit for 310.

**3410 Criminology** U 3

Theories of delinquency, crime, and criminal careers; scientific aspects of crime measurement. Prereq: Not open to students with credit for 410.

**3463 Social Stratification: Race, Class, and Gender** U 3

The study of social inequality with a focus on inequalities by class and status, race and ethnicity, and gender. Prereq: Not open to students with credit for 463. GE soc sci human, nat, and econ resources 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.

**3549 Statistics in Sociology** U 3

An introduction to the application and interpretation of quantitative analysis in sociological research; emphasis on the description of social variables and hypothesis testing. Au, Sp, Su Sems. Prereq: Not open to students with credit for 549. GE data only 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

**1101.01 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 102.01, 102.66, 103.01, 1101.01, 1102.01, 1155 (103.66), 1103.01 (104), or 1103.51, 2200H (104H). This course is available for EM credit. GE for lang course. FL Admis Cond course.

**1102.01 Spanish II** U 4

Further 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. Prereq: 1101.01 or equiv. Not open to students with credit for 103.01, 103.66, 104, 1102.01, 1155, 1103.01, or 1103.51. This course is available for EM credit. GE for lang course. FL Admis Cond course.

**1103.01 Spanish III** U 4

Continuing development of listening, reading, speaking, and writing skills in cultural contexts. A grade of C- or above is required to continue to 2201.01/.51 and/or 2202.01/.51. Not open to native speakers of this language through regular course enrollment or EM credit. Prereq: 1102.01 (103.01) or 1155 (103.66). Not open to students with credit for 104, 104H, 2200H, 1103.51, 2201.01, 2201.51, 2202.01, or 2202.51. This course is available for EM credit. GE for lang course. FL Admis Cond course.

Statistics

**1350 Elementary Statistics** U 3

Introduction to probability and statistics, experiments, and sampling, data analysis and interpretation. Prereq: Math 1050 (050), or Math Placement Level S, or permission of instructor. Not open to students with credit for GEC Data Analysis (AEDEcon 205, AEE 387, AnimSci 260, Astron 350, Chem 221, DentHyg 383, EarthSci 245, Econ 443, ENR 222, HCS 260, IntStds 443, Linguist 286, Philos 153, Physics 416, PolitSc 485 (585), SocWork 570, Sociol 549, SphHrng 286, Stat 135, 145, 245, 427, or 520, or semester equivs). GE data only course.

**1430 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. Prereq: Math 1131 (132), 1151 (152.xx), 1156, 1161.xx (161.xx), or 1181H (161.xxH), or permission of instructor. Not open to students with credit for 133. GE data only course.

**1450 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 (116) or 1130 (130) or above, or Math Placement Level L or M, or permission of instructor. Not open to students with credit for 2450 (245) or 145. GE data only course.

Theatre

**2000.09 Technical Production Practicum: General** U 1

Provides experience in technical production activities. Prereq: Not open to students with credit for 205.

**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 2101H (101H) or 100. This course is available for EM credit. GE VPA and diversity soc div in the US course. VSP Admis Cond course.

## 8 Theatre

**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.

**3000 Production Run Crew Practicum** U 1 - 2

Hands-on involvement in the production of live theatre; participation leading to a more thorough understanding of theatre and in particular theatre design and technology. Repeatable to a maximum of 8 cr hrs or 4 completions.

**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.

**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.

Prereq: Not open to students with credit for 110, 110H, WomStds 101, 101H, 110, or 110H. GE cultures and ideas and soc sci indivs and groups and diversity soc div in the US course.