Accounting and Management Information Systems

2300 Introduction to Accounting II U 3
The uses of accounting reports by managers to make business decisions and to control business operations; focus is on the internal use of accounting information. Prereq: 2200 (211) and Econ 2001.01 (200), or equiv. Not open to students with credit for 2000 (310) or 212, or equiv. This course is available for EM credit.

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.

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.

2000 Encounter Contemporary Art U 3
In this class, students will explore how and why contemporary artists make the work they do within a globalized art world. Through discussions, readings, virtual or in-person art excursions and related assignments, participants will apply critical written, oral, and visual communication skills as they analyze, interpret and respond to significant works of art, their contexts and histories.

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.

2300 Two-Dimensional Studies U 3
Students will create aesthetic and interpretive studies exploring organizational elements and principles of 2D composition, visual perception, critical thinking, invention and material experimentation as they pertain to art practice. Students will advance written, oral and visual communication skills as they 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.

Biology

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 cr hrs. This course is graded S/U.

Accounting and Management Information Systems 1

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), 1133H (115H), 101, Entmgy 1101 (101), or MolGen 1101 (PntBio101). 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 I 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.

Business Admin: Finance

4200 Applications in Finance U 3
Applications in Finance with a discussion of investment alternatives such as Money Market Instruments, Stocks and Bonds and Corporate Finance issues such as Corporate Governance, Cost of Capital and Capital Budgeting. Prereq: 3200 (620), BusMgt 2320 (330), and 2321 (331). Not open to students with credit for 4210, 4211, 4212 (721), 4220, 4221, or 4222 (722).

Business Admin: Management & Human Rsrcs

4324 Staffing: Concepts and Competencies for Acquiring Talent U 3
Introduction to the scientific, legal, and administrative issues associated with the recruitment, hiring, and placement of individuals by organizations. Prereq: 2201 or 2292 (BusAdm 499.01); and 3200 (701), 4233 (653), and Acc.ltMIS 2200 (211), 2300 (212), BusMgt 2320 (330), 2321 (331), or enrollment regional Business Management program. Not open to students with credit for 756.

4490 Strategic Management U 3
Introduction to the concepts and analytic tools in the field of strategic management to understand the competitive position of firms. Prereq: 2000 (BusADM 555), 2252 (BusADM 499.01), 3200 (701), and BusMgt 2230 (330), 2321 (331), 3230 (630), and BusFin 3500 (610), 3220 (620), and BusML 3250 (650), 3380, and Sr standing in Business Administration major program. Not open to students with credit for BusAdm 799. Not open to students in USUSS, UEXP, or PReSSBa-PR.

Business Admin: Marketing & Logistics

3250 Principles of Marketing U 3
Presents the concepts, framework and tools of market-based management to deliver superior customer satisfaction, value and profitability. The focus of the course is on identifying, creating, delivering and measuring value creation. Prereq: Econ 2001.01 and 2002.01. Not open to students with credit for 3150 (650) or 450 or to students enrolled in USUSS, UEXP, or PReSSBa-PR.

3380 Logistics Management U 1½
Concepts and methods used to plan and manage logistics activities in a business environment. Understanding of the components of logistics management and tradeoffs required to manage the integrated flow of goods through the supply chain. Prereq: Econ 2001.01 (200), or equivalent; and 2002.01 (201), or equivalent. Not open to students with credit for 780 or to students enrolled in USUSS, UEXP, or PReSSBa-PR.

3480 Advanced Logistics Management U 1½
Advanced coverage of the concepts and methods used to plan and manage logistics activities in a business environment; in-depth understanding of the components of logistics management and tradeoffs required to manage the integrated flow of goods. Prereq: 3380, and AccltMIS 2200 (211), 2300 (212), and BusMGT 2320 (330), 2321 (331), and BusMHR 2291 or 2292 (BusAdm 499.01).

Business Admin: Operations and Business Analytics
2  Business Admin: Operations and Business Analytics

2321 Business Analytics U 1½
Examination of the use of business analytic models used in managerial decision making processes. Emphasis on formulation and interpretation of models, supported by spreadsheet based software. Preqc: Math 1131 (132) or 1151 (152) or equivalent; and CSE 1113, or 2111 (200) and Econ 2001.01 (200). Preqc or Concur: Econ 2002.01 (201). Not open to students with credit for 330. This course is available for EM credit.

2330 Introduction to Operations Management: Improving Competitiveness in Organizations U 3
Introduction to operations and supply chain management to improve manufacturing and service organizations. Analyzing and improving resources and processes to increase productivity, generate value-added output and meet business goals. Preqc: Econ 2001.01 (200), 2002.01 (201) and Stat 1430 (133) or equivalent. Not open to students with credit for 331 (433) or 630, or to students enrolled in UUS, UEx or PredBBA-PR.

Chemistry

1100 Chemistry and Society U 3
Terminology, methods, and principles of chemistry; examination of the roles of chemistry in our modern technological society. Preqc: Math 1050 (075 or 076) or an ACT math subscore of 22 or higher that is less than two years old, or satisfactory score on Ohio State Math Placement Test. Not open to students with credit for 1110 (101), 1210 (121), 1910H (201H), or 100, or any Chem course that uses these courses as prerequisites. GE nat sci phy course (BA in ASC only).

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. Preqc: Math 1073, 1074, 1075 or above; Math Placement Level L, M, N or R; or Math ACT 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 phy 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. Preqc: 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 phy course.

1220 General Chemistry II U 5
Continuation of 1210 for science majors, covering solutions, kinetics, chemical equilibrium, solubility and ionic equilibria, qualitative analysis, thermodynamics, electrochemistry, descriptive chemistry, coordination compounds, and nuclear chemistry. Preqc: 1210, 1215, 1260, 1610 (162), 1910H (202H), or 122, and Math Placement Level L or M; or a grade of C- or above in Math 1130 (130), 1131 (131), 1148, 1148 (1150), or above. Not open to students with credit for 1620 (163), 1920H (203H), 123, 2310, 2510 (251), 2610, or 2910H (251H). This course is available for EM credit. GE nat sci phy 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. Preqc: 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 phy course.

2520 Organic Chemistry II U 4
Continuation from 2510, including aromatic systems, carbonylic acids, carboxylic acid derivatives, amines, carbon-carbon bond-forming reactions, polymers, carbohydrates and amino acids. Preqc: 2510, 2610 (252) or 2910H (252H). Not open to students with credit for 2620 (253) or 2920H.

2550 Organic Chemistry Laboratory II 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. Preqc: 2540 or 2540H. Preqc or conc: 2520, 2620 or 2920H.

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. Preqc: 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

1222 Introduction to Computer Programming in C++ for Engineers and Scientists U 3
Introduction to computer programming and to problem solving techniques using computer programs with applications in engineering and the physical sciences; algorithm development; programming lab experience. Concur: Math 1151, 1154, or 1161. Not open to students with credit for Engr 1281.01 or 1281.02. 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; effective data handling, computational analysis and decision support. Additional topics: computer concepts, networking, project integration. Preqc: 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 only 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.

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. Preqc: Not open to students with credit for 1121. This course is available for EM credit. GE nat sci phy course.

1121 The Dynamic Earth U 3
This course introduces students to earth sciences. Topics include earth processes and human impacts; the structure and composition of the earth; plate tectonics, rock & water cycles, energy & mineral resources, and climate change. Before Autumn 2021: GE Physical Science with Lab. Autumn 2021 and after: GE Physical Science without Lab. Add EarthSc 1200 for lab credit. Preqc: Math 1075 or above, or ACT Mathematics Subscore of 22 or higher, or Math Placement Level R or better. Not open to students with credit for 1100. This course is available for EM credit. GE nat sci phy 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. Preqc: Not open to students with credit for 2001.02, 2001.03H, 200, 200H, or AED/Econ 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. Preqc: 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 polities course.

Education: Teaching and Learning

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

2387 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. Preqc: A GE level 1 writing course. Not open to students with credit for 697. GE writing and comm course: level 2.

2388 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. Preqc: English 1110, or equiv. Not open to students with credit for 467. GE lt course.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>3160</td>
<td>Application of Development in Learning Contexts</td>
<td>U 3</td>
<td>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 divs and groups course.</td>
</tr>
<tr>
<td>3189.09</td>
<td>Field Experience: Child and Youth Studies</td>
<td>U 1-2</td>
<td>Field experience designed to provide undergraduate students in the Child &amp; Youth Studies program an opportunity to work with a cooperating professional within an educational or community organization focusing on teaching &amp; learning. Prereq: Admission to Child and Youth Studies Major. Repeatable to a maximum of 4 cr hrs or 4 completions.</td>
</tr>
<tr>
<td>3356</td>
<td>Literature for Adolescents</td>
<td>U 3</td>
<td>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 666 or 3396E. GE lit course.</td>
</tr>
<tr>
<td>4199.01</td>
<td>Advanced Field Experience: Early Childhood Education</td>
<td>U 1-4</td>
<td>The field experience is designed to provide: classroom practices in lesson planning, teaching, and guidance and discipline; student learning, interests, and perspectives; the official and unofficial requirements of being a professional educator; and how you can effectively bring together the work done in a university classroom with your work in classrooms with students age 3 to grade 3. Prereq: Admission to Early Childhood Education Major. Repeatable to a maximum of 12 cr hrs or 3 completions.</td>
</tr>
<tr>
<td>4199.02</td>
<td>Advanced Field Experience: Middle Childhood Education</td>
<td>U 1-4</td>
<td>The field experience is designed to provide: best practices in lesson planning, teaching, and classroom management; student learning, interests, and perspectives; the official and unofficial requirements of being a professional educator; and how you can effectively bring together the work done in a university classroom with grade 4-6 classrooms. Prereq: Admission to Middle Childhood Education Major. Repeatable to a maximum of 12 cr hrs or 3 completions.</td>
</tr>
<tr>
<td>4191</td>
<td>Internship</td>
<td>U 1-15</td>
<td>Internship in an educational or community setting. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 15 completions.</td>
</tr>
<tr>
<td>5005</td>
<td>Equity and Diversity in Education</td>
<td>U G 3</td>
<td>Focuses on issues of diversity, equity, teacher beliefs, and multicultural education. Emphasis is placed on the roles of identity and lived experience and its influences on approaches to teaching and learning in educational settings. Prereq: Not open to students with credit for 815.</td>
</tr>
<tr>
<td>5101</td>
<td>Teaching and Learning with Drama: Introduction</td>
<td>U 3</td>
<td>Introduction to the use of drama and social imagination in education. Prereq: Jr or Sr standing with some field experience, or experienced teacher. Not open to students with credit for 633. Repeatable to a maximum of 6 cr hrs.</td>
</tr>
<tr>
<td>5108</td>
<td>Teaching and Learning of Mathematics in Grades Pre-K - 3</td>
<td>U G 3</td>
<td>Prepares preservice teachers with knowledge, skills of, and ability to use standards, learning theories, pedagogy, assessment, and technology for the teaching and learning of Pre-K - 3 early childhood mathematics in a diverse classroom. Prereq: Admission to Early Childhood teaching licensure program, or permission of instructor.</td>
</tr>
<tr>
<td>5129</td>
<td>Teaching and Learning of Science in Grades Pre-K - 3</td>
<td>U G 3</td>
<td>Exploration of contemporary alternatives in early childhood science education and the development of knowledge and skills for teaching and learning in grades Pre-K - 3, with a focus on preschool and kindergarten. Prereq: Enrollment in Education major or Master of Education. Not open to students with credit for 729.</td>
</tr>
<tr>
<td>5195.09</td>
<td>Reflective Seminar: Child and Youth Studies</td>
<td>U G 1-4</td>
<td>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.</td>
</tr>
<tr>
<td>5220</td>
<td>Foundations of Middle Childhood Teaching and Learning</td>
<td>U G 3</td>
<td>Introduces the foundations and major concerns in middle childhood education using contemporary research, scholarship, and practice, and exploring traditional and newer course materials. Prereq: Not open to students with credit for 601 and 603.</td>
</tr>
<tr>
<td>5226</td>
<td>Composing Print + Digital Multimodal Texts</td>
<td>U G 3</td>
<td>This course focuses on interactive, creative, critical, dialogic approaches for teaching and learning composing in both print and digital multimodal formats, and is particularly applicable to early and middle childhood classrooms.</td>
</tr>
<tr>
<td>5320</td>
<td>Language Arts Methods for Preservice Middle Childhood Teachers</td>
<td>U G 3</td>
<td>Preservice teachers study methods for teaching middle childhood students’ reading and writing. They explore the significance of students' interests, language, and communities to their knowledge and meaning-making of the Language Arts. Prereq: Not open to students with credit for 706.</td>
</tr>
<tr>
<td>5280</td>
<td>Social Studies Methods for Preservice Middle Childhood Teachers</td>
<td>U G 3</td>
<td>Preservice teachers study planning, teaching and assessing of students' learning of social studies education, emphasizing the value of using effective and diverse teaching strategies and meaningful learning activities appropriate for grades 4-9. Prereq: Not open to students with credit for 738.</td>
</tr>
<tr>
<td>5468</td>
<td>Foundations of Reading and Literacy</td>
<td>U G 3</td>
<td>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.</td>
</tr>
<tr>
<td>5501</td>
<td>Inclusion: Philosophical, Social, and Practice Issues</td>
<td>U G 3</td>
<td>General Student Body Philosophical, social, and practice issues related to the inclusion of students with disabilities in the P-12 general education classroom. Prereq: Not open to students with credit for 809.07.</td>
</tr>
<tr>
<td>7713</td>
<td>K-6 Data Analysis and Probability</td>
<td>G 2</td>
<td>Students will understand concepts such as chance and possible outcomes and predicting events as likely or unlikely, and testing predictions, and representational skills to depict and analyze data sets. Prereq: Not open to students with credit for 711.</td>
</tr>
<tr>
<td>1259</td>
<td>Learning and Motivation Strategies for College Success</td>
<td>U 3</td>
<td>Teaches learning and motivation strategies to help students manage time, improve grades, and achieve college success. Students will develop practical skills for personal and academic effectiveness, while also understanding the related research. Topics include boosting motivation, overcoming procrastination, enhancing organization and concentration, and applying effective study strategies.</td>
</tr>
<tr>
<td>2059</td>
<td>Becoming a Self-Regulated Learner</td>
<td>U 2</td>
<td>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.</td>
</tr>
<tr>
<td>2309</td>
<td>Psychological Perspectives on Education</td>
<td>U 3</td>
<td>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.</td>
</tr>
<tr>
<td>3206</td>
<td>School and Society</td>
<td>U 3</td>
<td>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.</td>
</tr>
<tr>
<td>4403</td>
<td>Ethics and the Professional Context of Teaching</td>
<td>U 3</td>
<td>Examination of the practice of teaching at national, state and local levels, highlighting the legal, professional, and ethical issues surrounding American schools and teaching.</td>
</tr>
<tr>
<td>3005</td>
<td>Learner Centered Classroom Assessment</td>
<td>U 3</td>
<td>Offers an in-depth look at classroom assessment that meets the needs of 21st century teaching and learning. During this course, prospective teachers will determine how classroom assessment strategies can benefit their teaching practices and their students learning. They will study how to plan, develop, and manage student-centered assessment.</td>
</tr>
<tr>
<td>1181.01</td>
<td>Fundamentals of Engineering I</td>
<td>U 2</td>
<td>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 181.01, 183.02, Engr 1182.01, 1182.02, 1182.03, 1182.04, 1186.01, 1187.01, or 1187.02.</td>
</tr>
<tr>
<td>1182.01</td>
<td>Fundamentals of Engineering II</td>
<td>U 2</td>
<td>Introduction to 3D visualization and CAD; engineering design-build process; teamwork; written, oral and visual communications; project management. Prereq: 1181.01 or 1181.02 or 1281.01H or 1281.02H or 1281.03H. Prereq or Concur: Math 1141; or Math 1151 or above. Not open to students with credit for Engineer 181.01 or 183.02 or Engr 1186 or 1187 or 1188; not repeatable if credit earned for 1182.01 or 1182.02 or 1182.03 or 1282.03H or 1282.04H.</td>
</tr>
</tbody>
</table>
4  Engineering Technology (BS)

Engineering Technology (BS)

2500  Manufacturing Processes II  U  2
    Modern manufacturing processes. Design, create, and assembly of structure/objects by combining the manufacturing and graphical design knowledge. Opportunity to function individually and on teams and communicate effectively to learn to work in groups to accomplish a task. The skills are transferable to all areas of day-to-day professional life which makes it valuable in other contexts. Prereq: 1500.

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 1109.01 (109.01) or 109.02 (109.02), 1110.01H (110.01H), 1110.02 (110.02), 1110.02H (110.02H), 110.03 (110.03), 1167H (167H), 110.01. This course is available for EM credit. GE writing and comm course: level 1.

1110.03  First-Year English Composition  U  3
    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.

1193  Individual Studies  U  1 - 4
    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 cr hrs or 6 completions. This course is graded S/U.

2202  Selected Works of British Literature: 1800 to Present  U  3
    An introductory critical study of the works of major British writers of the 19th and 20th centuries. Prereq: 1110.01 (110.01), or equiv. Not open to students with credit for 2202H (202H) or 202. GE lit and diversity global studies course.

2220  Introduction to Shakespeare  U  3
    Study of selected plays designed to give an understanding of drama as theatrical art and as an interpretation of fundamental human experience. Prereq: 1110.01 (110.01), or equiv. Not open to students with credit for 2202H (202H) or 220. GE lit and diversity global studies course.

2262  Introduction to Drama  U  3
    A critical analysis of selected dramatic masterpieces from Greek antiquity to the present, designed to clarify the nature and major achievements of Western dramatic art. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 2262H (262H) or 262. GE lit course.

2275  Thematic Approaches to Literature  U  3
    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 cr hrs or 275. Repeatable to a maximum of 6 cr hrs. GE lit course.

2277  Introduction to Disability Studies  U  3
    Foundational concepts and issues in disability studies; introduction to the sociopolitical models of disability. Prereq: 1110.01 or equiv. GE cultures and ideas course.

2291  U. S. Literature: 1865 to Present  U  3
    Introductory study of significant works of U.S. literature from 1865 to the present. Prereq: 1110. GE lit course.

2367.01  Language, Identity, and Culture in the U.S. Experience  U  3
    Includes refined 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.

2464  Introduction to Comics Studies  U  3
    Study of sequential comics and graphic narrative and the formal elements of comics, how word and image compete and collaborate in comics to make meaning and how genre is activated and redefined. Students analyze comics texts, articulate and defend interpretations of meaning and learn about archival research at OSU's Billy Ireland Cartoon Library and Museum. No background in comics is required. Prereq: 1110. GE VPA course.

3304  Business and Professional Writing  U  3
    The study of principles and practices of business and professional writing. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 334.

3372  Special Topics in Science Fiction or Fantasy  U  3
    Introduction to the tradition and practice of speculative writing. Provides students the opportunity to examine and compare works of science fiction and/or fantasy. Prereq: 1110. Repeatable to a maximum of 6 cr hrs. GE lit course.

4189  Professional Writing Minor: Capstone Internship  U  3
    Students work onsite in an organization doing writing-related work and meet weekly to discuss related topics. Prereq: 4150 or CSTW 4150, and 2 courses in Professional Writing minor. Not open to students with more than 6 cr hrs of CSTW 4191. Repeatable to a maximum of 9 cr hrs. This course is graded S/U.

4572  English Grammar and Usage  U  3
    An examination of terminology and structures traditionally associated with the study of English grammar and usage rules, especially problematic ones, governing edited written American English. Prereq: 6 cr hrs of English at 2000-3000 level, or permission of instructor. 3 cr hrs in 2367 in any subject is acceptable towards the 6 cr hrs.

4575  Special Topics in Literary Forms and Themes  U  3
    Focuses on special topics in literary forms and themes. Examples include ironic forms; the Trojan War in English literature; the hero and the anti-hero; pastoralism and romance. Prereq: 10 qtr cr hrs or 6 cr hrs of English at 2000-3000 level, or permission of instructor. 5 qtr cr hrs or 3 cr hrs in 2367 in any subject is acceptable towards the 6 cr hrs.

4825  Environmental and Natural Resources  U  3
    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.

2000  Natural Resources Data Analysis  U  3
    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.

2367  Communicating Environmental and Natural Resources Information  U  3
    Focuses on special topics in literary forms and themes. Examples include ironic forms; the Trojan War in English literature; the hero and the anti-hero; pastoralism and romance. Prereq: 10 qtr cr hrs or 6 cr hrs of English at 2000-3000 level, or permission of instructor. 5 qtr cr hrs or 3 cr hrs in 2367 in any subject is acceptable towards the 6 cr hrs.

2520  Evolution, Ecology and Organismal Biology  U  3
    A survey of the human nervous system, sense organs, muscle function, circulation, respiration, digestion, metabolism, kidney function, and reproduction. Prereq: 3 sem cr hrs in Biological Sciences. Not open to students with credit for 232. GE nat sci bio course. NS Adms Cond course.

3310.01  Evolution  U  4
    Basic conceptual issues and processes in evolution with an emphasis on the ecological basis of adaptation and consequences of natural selection. Also available summer term at Stone Lab. Prereq: Biology 1114 or 1114H; or permission of instructor. Not open to students with credit for 3310 or 3310.02.

1101.01  University Exploration Survey  U  1
    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.

French  U  1 - 4

1101.61  Beginning French I: Individualized DL  U  1 - 4
    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 cr hrs or 4 completions. This course is available for EM credit. GE for lang course.
<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>History of Art</strong></td>
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</tr>
<tr>
<td>2002 Western Art II: The Renaissance to the Present</td>
<td>3</td>
<td>Examination of the history of art in Europe and the United States, from 1400 to the present. This course is available for EM credit. GE VPA and historical study and diversity global studies course.</td>
</tr>
<tr>
<td><strong>Human Nutrition</strong></td>
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<tr>
<td>2210 Science of Human Nutrition</td>
<td>3</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Kinesiology: Health and Exercise Science</strong></td>
<td></td>
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<tr>
<td>2990 Movement is Medicine: Your Rx to Health</td>
<td>3</td>
<td>This course provides an introduction to the powerful and widespread impact of exercise on human health. The design of the course examines the &quot;why, what and how&quot; of exercise and includes a practical and personalized application of the material.</td>
</tr>
<tr>
<td><strong>Kinesiology: Physical Education</strong></td>
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<tr>
<td>2262 Coaching the Young Athlete</td>
<td>3</td>
<td>Skills and knowledge to coach young athletes.</td>
</tr>
<tr>
<td><strong>Kinesiology: Sport, Fitness, and Health Program</strong></td>
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</tr>
<tr>
<td>1103 Introduction to Health and Wellness in American Society</td>
<td>2</td>
<td>A study of student health problems; designed to foster understandings and attitudes needed for intelligent decision-making related to present and future health needs.</td>
</tr>
<tr>
<td>1148.04 Conditioning Activities: Strength Training</td>
<td>1</td>
<td>Students will participate in a progressive strength and endurance training program using weight machines, free weights, and other strength equipment.</td>
</tr>
<tr>
<td>1150.02 Lifetime Fitness and Wellness Cardiovascular Exercise Training</td>
<td>2</td>
<td>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 EduPÄES 1147, 1148.05, 1149.05, 1150.01, or 1150.01.</td>
</tr>
<tr>
<td>2250 Cancer Prevention</td>
<td>2</td>
<td>Discussion of the latest findings on avoiding cancer through lifestyle choices and assessment of one’s family health history.</td>
</tr>
<tr>
<td><strong>Landscape Architecture</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000 Introduction to Landscape Architecture</td>
<td>1</td>
<td>Introduction to the profession of Landscape Architecture and the breadth of Landscape Architectural projects and practice. This course is graded S/U.</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td></td>
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</tr>
<tr>
<td>1050 Precalculus Mathematics I</td>
<td>5</td>
<td>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.</td>
</tr>
<tr>
<td>1075 Precalculus Mathematics II</td>
<td>4</td>
<td>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 1116. This course is available for EM credit. GE quant reason basic computation course.</td>
</tr>
<tr>
<td>1116 Excursions in Mathematics</td>
<td>3</td>
<td>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 only course.</td>
</tr>
</tbody>
</table>
6  Mathematics

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 anly 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, 1146, 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 anly course.

1136  Measurement and Geometry for Teachers  U  5
This course is the second in a two semester sequence for teachers of elementary and middle
grade students. This course focuses on concepts of measurement and geometry, including
modern and historical perspectives.
Prereq: A grade of C- or above in 1135.

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 anly 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, or 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 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.

1154  Calculus I for Engineering Technology  U  4
Calculi 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
Calculi 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-Articial Learning, or Articial
Science. This course is available for EM credit.

Microbiology

4000.02  Basic and Practical Microbiology  U  4
Provides an understanding of microorganisms and their interaction with the human experience.
Online/in-person hybrid version of Microbio 4000.01.Prereq: 3 cr hrs in Biology. Not open to
students with credit for 4000 or 4000.01. GE nat sci bio course.

Music

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.

Nursing Advancement

4520  Health Care Informatics  U  2
Examination of informatics in health care emphasizing clinical information systems and the use
of the information technology (IT) applications to support nursing practice.Prereq: Enrollment
in the RN to BSN program.

4780  Evidence Based Practice: Transforming Healthcare  U  3
Examination of principles, competencies, practices, and skills that support implementation and
sustainability of evidence-based practice in order to improve quality, safety and improve
outcomes for patients, populations, providers, organizations, and communities across the
globe.Prereq: Enrollment in RN to BSN program, or permission of instructor.

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

1201  E&M, Optics, Modern Physics  U  5
Algebra-based introduction to electricity and magnetism, simple optics, overview of modern
physics including special relativity and quantum mechanics.
Prereq: 1200 (111). Not open to students with credit for 112. This course is available for EM
credit. GE nat sci phy s course. NS Admis Cond course.

1231  Physics for Engineering Technology: Electricity and
Magnetism  U  3
Calculus-based introduction to electricity and magnetism, for students in Engineering
Technology.Prereq: 1250, 1250H, or 1260; and Math 1141, 1151, or 1154 or above,
or permission of instructor. Concur: Math 1152, 1158, 1161, 1172, 1181H, or 418H. Not open
to students with credit for 1251. This course is available for EM credit. GE nat sci phy s 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 418H. This course is available for EM credit.
GE nat sci phy s 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 418H. This course is available for EM credit. GE nat sci phy s 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 10H. This course is available for EM credit. GE soc sci orgs and polities course.
SS Admis Cond course.

1200  Introduction to Comparative Politics  U  3
Introduction to modern nation-states outside the United States: problems of state- and nation-
building, representation, conflict, and making of government policy in selected countries.
Prereq: Not open to students with credit for 100 or 100H. This course is available for EM
credit. GE soc sci orgs and polities 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 1105E (100E). This course
is available for EM credit. GE soc sci indls and groups and diversity soc div in the US course.

2220  Data Analysis in Psychology  U  3
Discussion of statistical analysis of psychological data - random samples, graphical and
numerical techniques of descriptive statistics, correlation, regression, probability, sampling
distribution, and hypothesis testing.Prereq: 1100 or 1100H, and Stat 1450, Math 1130, 1138,
1148, 1150, or 151, or equiv, or Math Placement Level M or higher; or permission of instructor.

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 or 1100H.

3310  Sensation and Perception  U  3
Examination of how observers perceive their environment through sensory information;
emphasis on major sensory systems including vision, audition, spatial orientation, touch, taste,
and olfaction.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.
### Psychology

<table>
<thead>
<tr>
<th>Course Number</th>
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</thead>
<tbody>
<tr>
<td>1101</td>
<td>Introductory Sociology</td>
<td>U</td>
<td>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, 151, RustSoc 1500 (105), or equiv. GE soc sci orgs and polities and diversity soc div in the US course.</td>
</tr>
<tr>
<td>2210</td>
<td>Sociological Aspects of Deviance</td>
<td>U</td>
<td>Study of the definition, identification, treatment, and control of types of legal, moral, and status deviance, such as crime, mental illness, alcoholism, and other individual pathologies. Au, Sp. Sems. Prereq: Not open to students with credit for 210. GE soc sci indivs and groups course.</td>
</tr>
<tr>
<td>3410</td>
<td>Criminology</td>
<td>U</td>
<td>Theories of delinquency, crime, and criminal careers; scientific aspects of crime measurement. Prereq: Not open to students with credit for 410.</td>
</tr>
<tr>
<td>3463</td>
<td>Social Stratification: Race, Class, and Gender</td>
<td>U</td>
<td>The study of social inequality with a focus on inequalities by class and status, race and ethnicity, and gender. GE soc sci human, nat, and econ resources course.</td>
</tr>
<tr>
<td>3549</td>
<td>Statistics in Sociology</td>
<td>U</td>
<td>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. Sems. Prereq: Not open to students with credit for 549. GE data anly course.</td>
</tr>
</tbody>
</table>

### Spanish

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<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1101</td>
<td>Spanish I</td>
<td>U</td>
<td>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 MuKCAT 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.</td>
</tr>
<tr>
<td>1102</td>
<td>Spanish II</td>
<td>U</td>
<td>Further 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: 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.</td>
</tr>
<tr>
<td>1103</td>
<td>Spanish III</td>
<td>U</td>
<td>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 1102.01 or 2202.01 or 2202.51. This course is available for EM credit. GE for lang course.</td>
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### Sociology

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<tr>
<th>Course Number</th>
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</thead>
<tbody>
<tr>
<td>3375</td>
<td>Stereotyping and Prejudice</td>
<td>U</td>
<td>Lectures address experimental research in stereotyping and prejudice; readings focus on historical, cultural, and sociological perspectives on issues related to gender, ethnicity, and social class. Prereq: 1100 or 1100H. GE diversity soc div in the US course.</td>
</tr>
<tr>
<td>3530</td>
<td>Theories of Personality</td>
<td>U</td>
<td>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.</td>
</tr>
<tr>
<td>4520</td>
<td>Social Psychology Laboratory</td>
<td>U</td>
<td>Training in experimental and quantitative methods in social psychology. Experiments include topics such as attitudes, persuasion, social cognition, and group processes. Prereq: A grade of C- or above in 2220, 2300, and 2367 prior to SU13, 2367.01, 3325, 3325H, or 3375, and enrollment in Psych major. Not open to students with credit for 4510.</td>
</tr>
<tr>
<td>4540</td>
<td>Counselling Psychology</td>
<td>U</td>
<td>Issues within the field of counselling psychology including assessment, counselling skills, multicultural issues, career, professional, and ethical issues. Prereq: A grade of C- or above in 2220 and 2300; and a grade of C- or above in 2367.02, 3331, 3335, or 3530.</td>
</tr>
</tbody>
</table>

### Social Work

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<tr>
<th>Course Number</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>1130</td>
<td>Introduction to Social Work in Contemporary Society</td>
<td>U</td>
<td>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.</td>
</tr>
<tr>
<td>1140</td>
<td>Issues in Social Justice: Race, Gender and Sexuality</td>
<td>U</td>
<td>Examines the history of social oppression directed at certain minority populations in the United States and its impact on their current opportunities and lived experiences. The primary purpose is to analyze how racism, sexism, heterosexism and institutionalized discrimination based on ethnicity affect the social welfare and well-being of those living in the United States. GE diversity soc div in the US course.</td>
</tr>
<tr>
<td>3402</td>
<td>Research &amp; Statistics for Understanding Social Work Interventions</td>
<td>U</td>
<td>This is the second course in the BSSW program sequence preparing students to effectively work with research evidence and statistics as it applies to social work interventions at multiple levels. Students will develop the requisite skills and knowledge for beginning to identify, assess, and apply research evidence to inform and evaluate social work practices at multiple levels of intervention. Prereq: 3401.</td>
</tr>
<tr>
<td>3502</td>
<td>Foundations of Generalist Practice</td>
<td>U</td>
<td>Introduces students to the theories, knowledge and skills of generalist social work practice, with an emphasis on work with individuals. Prereq: 3501. Not open to students with credit for 645.</td>
</tr>
<tr>
<td>3503</td>
<td>Social Work Practice with Diverse Populations</td>
<td>U</td>
<td>Foundation knowledge and a social work perspective for working with diverse populations, especially those who are oppressed and marginalized. Prereq: 3501.</td>
</tr>
<tr>
<td>3600</td>
<td>Introduction to Psychopathology and Social Work Practice</td>
<td>U</td>
<td>This course will familiarize students with the major mental disorders, offer strategies for building on clients’ strengths and resilience, provide basic tools for screening and referral, and impart knowledge of the mental health delivery system and its resources. Prereq: Jr or Sr standing in Social Work major, or permission of department.</td>
</tr>
<tr>
<td>4188.01</td>
<td>Undergraduate Field Seminar</td>
<td>U</td>
<td>Integration of knowledge and practice; problem solving and discussion of social work practice issues, values, and ethics. Taken concurrently with field practicum. Prereq: 3502 (345). Concur: 4189. Repeatable to a maximum of 2 or hrs.</td>
</tr>
<tr>
<td>4189</td>
<td>Field Practicum</td>
<td>U</td>
<td>Internship in a social work agency. Students integrate classroom knowledge and skills with practice experiences. Prereq: 3502 (945). Concur: 4188.01 or 4188.02. Repeatable to a maximum of 10 or hrs. This course is graded S/U.</td>
</tr>
<tr>
<td>4503</td>
<td>Generalist Practice with Larger Systems</td>
<td>U</td>
<td>Application of professional values, knowledge, and skills essential for effective generalist social work practice with organizations and communities. Prereq: 4502. Not open to students with credit for 647.</td>
</tr>
</tbody>
</table>

### Statistics

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<tr>
<th>Course Number</th>
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<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1350.01</td>
<td>Elementary Statistics</td>
<td>U</td>
<td>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 GIS Data Analysis course (AEECon 2305, AstronSci 2205, Astron 3350, Chem 2210, 2210H, ComLtr 3537, EarthSc 2245, Econ 3400, ENRO 2000, Geog 2200.01, 2200.02, HCS 2260, IntStdS 3400, Ling 2051, 2051H, Phils 1520, Physica 3700, PolitSci 3780, 4781, Social 3549, Stat 1300, 1300.01, 1430, 1430.01, 1430.02, 1430H, 1450, 1450.01, 1450.02, 2450, 2450.01, 2450.02, 2480, 2490.01, 2490.02, 2490.03, 2490.04, 2490.05, 2490.06, 2490.07, 2490.08, 2490.09, 2490.10, 2490.11, 2490.12, 3460, 3470, 3470.01, 3470.02, 4202, 5301, or 5302). GE data anly course.</td>
</tr>
</tbody>
</table>

### Theatre

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000.09</td>
<td>Technical Production Practicum: General</td>
<td>U</td>
<td>Provides experience in technical production activities. Prereq: Not open to students with credit for 205.</td>
</tr>
</tbody>
</table>


## Theatre

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<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2100</td>
<td>Introduction to Theatre</td>
<td>U</td>
<td>3</td>
</tr>
<tr>
<td>2811</td>
<td>The Craft of Acting</td>
<td>U</td>
<td>3</td>
</tr>
<tr>
<td>3000</td>
<td>Production Run Crew Practicum</td>
<td>U</td>
<td>1 - 2</td>
</tr>
<tr>
<td>4000.01</td>
<td>Practicum: Stage Management</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.02</td>
<td>Practicum: Sound</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.03</td>
<td>Practicum: Video</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.04</td>
<td>Practicum: Stage Design</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.05</td>
<td>Practicum: Costuming &amp; Makeup</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.06</td>
<td>Practicum: Lighting</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.08</td>
<td>Practicum: Acting</td>
<td>U</td>
<td>1 - 3</td>
</tr>
<tr>
<td>4000.09</td>
<td>Practicum: General</td>
<td>U</td>
<td>1 - 3</td>
</tr>
</tbody>
</table>

## Women’s, Gender, and Sexuality Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1110</td>
<td>Gender, Sex and Power</td>
<td>U</td>
<td>3</td>
</tr>
<tr>
<td>2215</td>
<td>Reading Women Writers</td>
<td>U</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

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.

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.

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.

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.

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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.

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.

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