

## Accounting and Management Information Systems

### 211 Introduction to Accounting U 5

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.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. Prereq or concur: Econ 200 or equiv. Not open to students with credit for 201 or 310 or equiv. This course is available for EM credit.

### 212 Introduction to Accounting U 5

The uses of accounting reports in management decisions and in control of business operations; focus is on the internal use of accounting information.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. Prereq: 211 or equiv; and Econ 200 or equiv. Not open to students with credit for 201 or 310 or equiv. This course is available for EM credit.

### 310 Foundations of Accounting U 5

A survey of accounting for non-business students; financial statements and analysis; accounting for assets, liabilities and owners equity; and elements of managerial accounting.

Su, Au, Wi, Sp Qtrs. 1 2-hr cl. Prereq: Math 130; Econ 200 and CS&E 100 or equivalents. Not open to students with credit for Acct&MIS 201, 211 or 212 or to students enrolled in the BSBA program. Credit does not count toward the BSBA degree.

### 525 Cost Accounting U G 5

Managerial decision making in organizations with an emphasis on the use of financial data; theory and practice of management control.

Au, Wi, Sp Qtrs. 2 2-hr cl. Prereq: 212 and Math 132 or 152 and Bus-Mgt 330 and 331 and Bus Adm 499.

### 631 Introduction to Accounting Information Systems U G 5

The design and control of computer-based accounting information processing systems.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. H631 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: 212 and CS&E 200 and Bus-Mgt 330 and 331 and Bus Adm 499; or permission of instructor. Not open to students with credit for 531.

## African-American and African Studies

### 201 Introduction to African-American and African Studies U 5

Introduction to scholarly study of Black experience from the 15th century to the present, focusing on patterns of resistance, adaptation and cultural diversity.

Not open to students with credit for 101. GEC soc sci individuals and groups course.

### 251 Introduction to African Literature U 5

An assessment of the oral prose tradition and written prose of African literature; specific emphasis placed on student reading from primary sources.

GEC arts and hums lit course.

### 254 Themes in African- American Literature U 5

Survey of themes in the literature of African descendants in the United States from 1915 to present.

GEC arts and hums lit course.

## Anthropology

### 200 Introduction to Physical Anthropology U 5

A scientific examination of humans as a biological and cultural organism based on primate evolution from living and fossil evidence; evolutionary theory and population adaptability.

Su, Au, Wi, Sp Qtrs. 5 cl. H200 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Biology 101 or equiv. Not open to students with credit for 251. NS Admis Cond course. GEC bio sci course.

### 201 World Prehistory: An Anthropological Perspective U 5

World prehistory from the origin of human culture through the development of civilization illustrated by selected examples; archaeological field method; concepts of analysis and interpretation.

Su, Au, Wi, Sp Qtrs. 5 cl. H201 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 261. GEC soc sci individuals and groups course. SS Admis Cond course. E201 may be available for honors embedded experience at the regional campuses.

### 202 Peoples and Cultures: An introduction to Cultural Anthropology U 5

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

Su, Au, Wi, Sp Qtrs. 5 cl. H202 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC soc sci individuals and groups course. SS Admis Cond course.

### 241 The Culture and Cultures of the Middle East U 5

Introduction to the culture of the Middle East as lived in its villages, towns, and cities.

Au, Sp Qtrs. 2 2-hr cl. Not open to students with credit for NELC 241. Cross-listed in Near Eastern Languages and Cultures. GEC arts and hums cultures and ideas course.

## Arabic

### 101 Elementary Modern Standard Arabic I

Developing the ability to use Arabic functionally and communicatively in context; intensive oral interaction with instructor and fellow students; the basics of the writing system.

Su, Au, Wi, Sp Qtrs. Not open to native speakers of this language through regular course enrollment or EM credit or to students with 3 or more years of study in this language in high school, except by permission of dept. GEC for lang courses. FL Admis Cond courses.

#### 101.01 Classroom Track U 5

5 cl. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 102 Elementary Modern Standard Arabic II

Developing further language ability through learning how to perform certain functions orally and using them with fellow students; reading and writing passages reflecting their abilities.

Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses. FL Admis Cond courses.

#### 102.01 Classroom Track U 5

Au, Wi, Sp Qtrs. Prereq: 101.01 or 5 cr hrs of 101.51. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 103 Elementary Modern Standard Arabic III

Further language functions requiring the use of more complex structures; intensive oral interaction with instructor and fellow students; reading practice in and out of class.

Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses.

#### 103.01 Classroom Track U 5

Au, Wi, Sp Qtrs. 5 cl. Prereq: 102.01, or 5 cr hrs of 102.51, or 110. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

#### 103.51 Individualized Track U 1-5

Su, Au, Wi, Sp Qtrs. Prereq: Grade of B- or above in 102.01, or 5 cr hrs in 102.51, or permission of instructor. Repeatable to a maximum of 5 cr hrs. Students register for and complete from 1 to 5 cr hrs during the qtr. Progress is sequential from one cr hr to the next, with proficiency at the level of 80% required for advancement.

### 104 Intermediate Modern Standard Arabic I

Building on previously acquired functional abilities; using Arabic to express opinion and feelings; oral interaction in the classroom; reading authentic texts of various genres.

Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses.

#### 104.01 Classroom Track U 5

Au, Wi, Sp Qtrs. 5 cl. Prereq: 103.01 or 5 cr hrs of 103.51. This course is available for EM credit.

#### 104.51 Individualized Track U 1-5

Su, Au, Wi, Sp Qtrs. Prereq: Grade of B- or above in 103.01, or 5 cr hrs in 103.51, or permission of instructor. Repeatable to a maximum of 5 cr hrs. Students complete from 1 to 5 cr hrs during the qtr. Progress is sequential from one cr hr to the next, with 80% proficiency required for advancement.

### 367 Issues in Arab-American Society, Culture, and Literature U 5

Discussion, analysis, and writing about issues relating to Arab-American culture, society, and literature within the context of social diversity in the United States.

Prereq: English 110 or 111 or equiv, and soph standing or above. GEC second writing and social diversity course.

## Art

### 200 Concepts and Issues in Art U 2

An orientation for new art students and a survey of art making with an emphasis on contemporary works.

Su, Au, Wi, Sp Qtrs. 2 cl. Not open to students with credit for 162.

**205 Beginning Drawing U 5**

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

Su, Au, Wi, Sp Qtrs. 1 cl, 3 3-hr labs. H205 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 170. GEC arts and hums VPA course. VPA Admis Cond course.

**206 Visual Studies: Two Dimensional Art U 5**

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

Su, Au, Wi, Sp Qtrs. 3 3-hr labs. H206 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 172. GEC arts and hums VPA course. VPA Admis Cond course.

**207 Visual Studies: Three-Dimensional Art U 5**

Basic concepts of three-dimensional art dealing with the organization of space and form, using a variety of materials, processes, tools.

Su, Au, Wi, Sp Qtrs. 3 3-hr labs. Prereq or concur: 172 or 206. Not open to students with credit for 182.

**208 Visual Studies: Four Dimensional Art Real and Recorded Time U 3**

Introduction to basic concepts of real time and recorded time-based artworks using a variety of processes and media.

Au, Wi, Sp Qtrs. 3 2-hr cl. Prereq: 170 or 205, 172 or 206, and 182 or 207. Not open to students with credit for 260.

**300 Introduction to Photography**

Introduction to photographic theory, practice, and aesthetics with image production and critique.

2 2-hr cl and 1 1-hr lecture. GEC arts and hums VPA course. VPA Admis Cond course.

**300.02 Digital Camera U 5**

H300.02 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 201 or 300 or 300.01. Students must supply adjustable digital camera (4 mp or greater), and processing of prints.

**350 Digital Image Manipulation I U 5**

Introduction to creating and manipulating graphic images on Macintosh using Photoshop, Painter; includes input/output of student work as applies to art students.

Au, Wi, Sp Qtrs. 2 3-hr cl/lab. Not open to students with credit for 450.

**691 Studio Practice II**

Advanced studio practice beyond 591.

Su, Au, Wi, Sp Qtrs. Prereq: Permission of instructor. The following decimal subdivisions, with the exception of 691.12, are open only to srs or grad students majoring in art.

**691.12 Art and Technology U G 2-5**

Repeatable to a maximum of 20 cr hrs.

**891 Studio Practice III**

Graduate-level studio practice.

Su, Au, Wi, Sp Qtrs. Prereq: Grad standing in art or permission of instructor.

**891.12 Art and Technology G 2-5**

Repeatable to a maximum of 45 cr hrs.

**991 Studio Practice IV**

Advanced graduate studio practice.

Su, Au, Wi, Sp Qtrs. Prereq: Grad standing in art or permission of instructor.

**991.12 Art and Technology G 2-5**

Repeatable to a maximum of 45 cr hrs.

## Art Education

**160 Art and Music since 1945 U 5**

A survey of the visual arts and music in the western world since 1945, based on live and recorded performances and exhibitions.

Au, Wi, Sp Qtrs. 2 2-hr cl, 1 1-hr rec. Not open to students with credit for Arts Col 160. GEC arts and hums VPA course. VPA Admis Cond course. Also offered as a Web-delivered course (160D Au, Wi, Sp Qtrs).

**600 Art and Curriculum Concepts for Teachers U G 3**

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

Su, Au, Wi, Sp Qtrs. 3 2-hr labs.

## Arts and Sciences

**101 First- or Second-Year Seminar U 1**

Seminars on varying topics taught by University faculty.

H101 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Fr or soph standing or permission of instructor. Repeatable to a maximum of 15 cr hrs. This course is graded S/U.

**120 Internet Tools and Research Techniques U 2**

This 4-week online course teaches about internet browsing and communication tools, effective search and Web evaluation strategies. See: <http://liblearn.osu.edu>

Au, Wi, Sp Qtrs. This is a 4 week course that begins in the 4th week of the quarter. Distance Learning Course (Web taught).

**489 Professional Practice**

Su, Au, Wi, Sp Qtrs. Arr.

**489.01 Credit Cooperative Education Program U 2**

Employment through the Cooperative Education program conducted under the supervision of an ASC faculty member; midterm and comprehensive final reports required.

Prereq: Registration with the co-op education program, minimum cumulative pt-hr ratio of 2.50, soph standing or above, completion of credit co-op education agreement form with instructor under whose supervision the work is to be completed, and permission of the director of co-op education. Repeatable to a maximum of 8 cr hrs. This course is graded S/U.

**489.02 Noncredit Cooperative Education Program U 0**

A cooperative education or internship assignment conducted under the supervision of the employer; registration and evaluation by the director of ASC Career Services.

Prereq: Minimum cumulative GPA of 2.0, permission of the director of ASC Career Services. Repeatable to a maximum of 5 cr hrs. Student is responsible for finding an internship or cooperative education site that is secured, through completion of the Internship Agreement form, prior to the start of the quarter. This course is graded S/U.

## Biology

**101 Introductory Biology U 5**

Basic principles of biology; topics include nature of science, organismal diversity, evolution, ecology, genetics, reproduction, cell structure and function.

Su, Au, Wi, Sp Qtrs. 3 cl, 1 3-hr rec/lab; or 2 1.5-hr cl, 1 3-hr rec/lab. Prereq: Math 075 or 076 or 104 or Mathematics Placement Level R. Not open to students with credit for 113 or H115, or Entomol 101, or PCMB 101. Not intended for the student pursuing an undergraduate major in one of the biological sciences. This course is available for EM credit. GEC bio sci course. E101 may be available for honors embedded experience at the Newark Campus.

**102 Human Biology U 5**

Exploration of human biology; topics include structure and physiological function, reproduction and development, genetics and disease, ecology and evolution.

Su, Au, Wi, Sp Qtrs. 3 cl or 2 1.5-hr cl, 1 2-hr film/video presentat| Prereq: 101. Not open to students with credit for 114 or H116. Not intended for the student pursuing an undergraduate major in one of the biological sciences. This course is available for EM credit. GEC bio sci course.

**113 Biological Sciences: Energy Transfer and Development U 5**

Exploration of biology and biological principles; evolution and the origin of life, cell structure and function, bioenergetics, and genetics. A broad introduction to biology comprises both Biology 113 and 114.

Su, Au, Wi, Sp Qtrs. 3 cl or 2 1.5-hr cl, 1 3-hr lab, 1-hr rec. Prereq: Chem 101 or 121 or H201. Not open to students with credit for H115. This course and 114 provide a comprehensive two-qtr sequence in general biology. This course is available for EM credit. GEC bio sci course. NS Admis Cond course.

**114 Biological Sciences: Form, Function, Diversity, and Ecology U 5**

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 113 and 114.

Au, Wi, Sp Qtrs. 4 cl, 1 3-hr lab. Prereq: 113. Not open to students with credit for H116. This course is available for EM credit. GEC bio sci course. NS Admis Cond course.

## Business Administration

**499 Business Skills and Environment I U 4**

Introduction to the environment of business and development of skills preparatory to the multi-disciplinary upper division curriculum in business.

Su, Au, Wi, Sp Qtrs. 1 hr lec, 2 2-hr rec. H499 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Soph standing in the Business Administration major. This course is a prerequisite for specialization courses in Business.

**555 Introduction to International Business U 4**

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.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H555 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Econ 201 or 400. H555: Open only to students in the Honors Business Administration Cohort Program.

## Business Administration: Finance

### 420 Foundations of Finance U 4

Survey of topics in finance for non-business students including: discussion of investment, time value of money, financial markets, financial institutions, risk and return, corporate and international business.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: Acct&MIS 310, Math 130 or equiv; Econ 200 and CS&E 100 or equivs. Not open to students with credit for Bus-Fin 494 (Spring 2001) or 620; or to students enrolled in the BSBA program. Credit does not count toward the BSBA degree.

### 510 Legal Environment of Business U 4

An introduction to American legal institutions and sources of law and an analysis of basic concepts of public and private law related to business decisions.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H510 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Jr standing. Honors section open only to students in the Honors Business Administration Cohort Program.

### 620 Business Finance U G 4

Introduction to financial management of business firms; financial analysis, planning and control; working capital management; capital investment decisions and required rates of return; capital structure decisions and sources of financing.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H620 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Econ 200 and 201, or equivs; and Acct&MIS 201 or 212 or equiv. H620: Open only to students in the Honors Business Administration Cohort Program. This course is available for EM credit.

### 722 Investment Management U G 4

Investment objectives; types of investments and their relative merits; security prices and yields; investment programs; and taxes.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: 620 or equiv and Bus-Mgt 330 and 331 and Bus Adm 499; or permission of instructor.

## Business Administration: Management and Human Resources

### 400 Foundations of Management and Human Resources U 4

Survey of topics in management and human resources for non-business students. The material includes a discussion of organizational behavior, human resource management and labor markets.

Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: Math 130, CS&E 100, and Econ 200 or equivs. Not open to students with credit for 500, 500X or 701; or to students enrolled in the College of Business. Credit does not count toward the BSBA degree.

### 490 New Venture Creation U 5

Examines the creation of businesses in the face of uncertainty. Analyzes market opportunities, entrepreneurial strategies, innovative business concepts, business plans and financing new ventures.

Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: 290.

### 701 Managing Individuals in Organizations: Organizational Behavior and Human Resources U 5

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.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H701 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Jr standing. Not open to students with credit for 400. H701: Open only to students in the Honors Business Administration Cohort Program.

### 769 Strategic Human Resource Management U 4

Examination of a strategic perspective for managing employees that emphasizes the use of ethical practices and evaluates how practices fit together and with organizational objectives.

Au Qtr. 2.2-hr cl. Prereq: 701 or 400; or permission of instructor.

## Business Administration: Management Sciences

### 330 Decision Sciences: Statistical Techniques U 5

Examination of the use of statistical techniques in managerial decision-making

processes; confidence intervals, hypothesis testing, simple and multiple regression, quality control.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: CS&E 200 and Stat 133 or equiv.

### 331 Decision Sciences: Operations Research, Modeling and Applications U 4

Examination of the use of operations research models in managerial decision making processes: linear programming, decision analysis and simulation applications. Emphasis on formulation and interpretation of models; supported by spreadsheet based software.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: CS&E 200 and Stat 133 or equiv.

### 430 Foundations of Operations Management U 4

A survey of operations management for non-business students including discussion of operations management issues in both manufacturing and service organizations including management and purchasing.

Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: Math 130, CS&E 100, and Econ 200 or equivs. Not open to students with credit for Bus-Mgt 630; or for students enrolled in the College of Business. Credit does not count toward the BSBA degree.

### 630 Introduction to Operations Management: Improving Competitiveness in Organizations U G 4

Key operating issues in service and manufacturing organizations that have strategic and tactical implications. Students participate in discussions relating current business events to operations management and case analysis.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H630 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Jr standing and Stat 133 or equiv. H630: Open only to students in the Honors Business Administration Cohort Program.

### 731 Quality Management U G 4

Examines quality management topics such as statistical process control, process design, capability analysis, house of quality, performance measurement, Baldrige Quality Award, cost of quality, etc.

Au, Wi Qtrs. 2.2-hr cl. Prereq: 330, 331, 630 and Bus Adm 499; or permission of instructor.

### 732 Operations Planning and Control U G 4

An analysis of the planning and control of materials as they flow within an organization; topics include production planning, material requirements planning (MRP), capacity management, master production scheduling, and just-in-time techniques.

Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: 330, 331, 630 and Bus Adm 499, or permission of instructor.

## Business Administration: Marketing and Logistics

### 450 Foundations of Marketing Management U 4

A survey of marketing for non-business students including discussion of marketing practice tools and concepts and their applications in profit and non-profit organizations.

Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: Math 130; Econ 200 and CS&E 100 or equivs. Not open to students with credit for Bus-M&L 494 (Summer 2001) or 650; or to students enrolled in the BSBA program. Credit does not count toward the BSBA degree.

### 650 Marketing U G 4

Critical survey of field of marketing; structure, functions, policies, costs, and problems analyzed from consumer and other viewpoints; emphasis on principles, trends, and quantitative expression.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H650 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Econ 200 or equiv. H650: Open only to students in the Honors Business Administration Cohort Program.

### 751 Managerial Marketing U G 4

Marketing policies and strategy; organization, demand analysis, product planning, pricing, physical distribution, and promotion from a managerial viewpoint.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. Prereq: 650 or equiv; and Bus-Mgt 330 and 331 and Bus Adm 499.

## Chemistry

### 101 Elementary Chemistry U 5

Introductory general chemistry for non-science majors, including dimensional analysis, atomic structure, bonding, chemical reactions, states of matter, solutions, chemical equilibrium, and acids and bases.

Su, Au, Wi, Sp Qtrs. 4 cl, 3 lab hrs. Prereq: Eligibility to enroll in Math 116. Not open to students with credit for 121 or H201. Safety glasses must be worn in lab. This course is available for EM credit with permission. GEC phys sci course. NS Admis Cond course.

### 102 Elementary Chemistry U 5

Introductory organic and biological chemistry, including saturated and unsaturated hydrocarbons, alcohols, ethers, aldehydes, ketones, carboxylic acids, esters, amines, stereoisomerism, carbohydrates, lipids, proteins, and nucleic acids.

Au, Wi, Sp Qtrs. 4 cl, 3 lab hrs. Prereq: 101. Safety glasses must be worn in lab. This course is available for EM credit with permission. GEC phys sci course. NS Admis Cond course.

### 121 General Chemistry U 5

First course for science majors and engineering students, covering dimensional analysis, atomic structure, the mole, stoichiometry, chemical reactions, thermochemistry, electron configuration, periodicity, bonding, and molecular structure.

Su, Au, Wi, Sp Qtrs. 4 cl, 3 lab hrs. Prereq: One unit of high school chem and eligibility to enroll in Math 150. Not open to students with credit for H201. Safety glasses must be worn in lab. This course is available for EM credit with permission. GEC phys sci course. NS Admis Cond course.

### 122 General Chemistry U 5

Continuation of 121 for science majors, covering acids and bases, redox reactions, gases, liquids, solids, solutions, colligative properties, kinetics, and chemical equilibrium.

Su, Au, Wi, Sp Qtrs. 4 cl, 3 lab hrs. Prereq: 121 or completion of 101 with a grade of A or A- and eligibility to enroll in Math 150. Not open to students with credit for 125 or H202. Safety glasses must be worn in lab. This course is available for EM credit with permission. GEC phys sci course. NS Admis Cond course.

### 123 General Chemistry U 5

Continuation of 122 for science majors, covering solubility and ionic equilibria, qualitative analysis, thermodynamics, electrochemistry, descriptive chemistry, coordination compounds, and nuclear chemistry.

Su, Au, Wi, Sp Qtrs. 3 cl, 6 lab hrs. Prereq: 122. Safety glasses must be worn in lab. This course is available for EM credit with permission. GEC phys sci course.

## Classics

### 101 Ancient Greek Literature in Translation U 5

Introductory survey of the Greek achievement in literature and its contribution to Western thought; selected readings in English translation in major authors from Homer through the Hellenistic age.

Au, Wi, Sp Qtrs. 5 cl. H101 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 220. GEC arts and hums lit course.

### 210 Classical Background of Scientific Terminology U 3

Study of technical and scientific terms from Greek and Latin sources; roots, word elements, word formation, analysis; helpful in medical, biological, and kindred studies.

Au, Wi, Sp Qtrs.

### 222 Classical Mythology U 5

Origins and attributes of the Greek and Roman gods and goddesses, their mythology and its influence on Western culture.

Au, Wi, Sp Qtrs. 5 cl. H222 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for H122. GEC arts and hums lit course.

### 224 Classical Civilization: Greece U 5

A survey of ancient Greek civilization, concentrating upon important facets of literature, history, art, and archaeology.

Sp Qtr. 5 cl. Not open to students with credit for H124. GEC arts and hums cultures and ideas course.

### 230 Medicine in the Ancient World U 5

An introduction to the theory and practice of medicine in ancient Greece and Rome.

GEC arts and hums cultures and ideas course.

### 303 Comic Spirit in Antiquity U 5

Study of the comic literature of the Greco-Roman world based on extensive readings in English translation drawn from epic, drama, satire, and the novel. 5 cl. Not open to students with credit for 502.

## Communication

### 101 History of Human Communication U 5

History of human communication from beginning of spoken and written communication to modern mediated and mass communication.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. Not open to students with credit for J Com 101. GEC soc sci individuals and groups course.

### 200 Communication in Society U 5

Role of communication in society; forms, strategies, theories and issues;

interpersonal, group, organizations, public and mass communication.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. Not open to students with credit for J Com 200. GEC soc sci individuals and groups course.

### 321 Principles of Effective Public Speaking U 5

Introductory 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.

2 2-hr rec. Not open to students with credit for J Com 321.

### 367 Persuasive Communication U 5

Principles of persuasion as reasoned discourse.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. H367 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: English 110, 110.01, 110.02, 110.03 or equiv, and soph standing or above. Not open to students with credit for J Com 367. GEC second writing course.

## Comparative Studies

### 100 Introduction to the Humanities: Cross-Cultural Perspectives U 5

Explores the role of literature and the arts in constructing, maintaining, and questioning the values and beliefs of diverse cultures and historical periods; topics vary.

H100 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC arts and hums lit course.

### 203 Literature and the Self U 5

Study of relationships between psychology and literature; analysis of psychological concepts and processes as represented in literature and film of diverse cultures and historical periods.

H203 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: English 110 or equiv. GEC arts and hums lit course.

### 205 Literature and Ethnicity U 5

Study of relationships between literature and ethnicity; analysis of concepts of ethnicity as represented in literature and film of diverse cultures and historical periods.

Prereq: English 110 or equiv. GEC arts and hums lit, and social diversity course.

### 270 Introduction to Comparative Religion U 5

Introduction to the academic study of religion through comparison among major traditions (Judaism, Christianity, Islam, Hinduism, Buddhism, etc.) and smaller communities.

H270 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: English 110 or equiv. Not open to students with credit for Rel Stds 270. GEC arts and hums cultures and ideas course.

### 272 Science and Society U 5

Critical analysis of the multiple relations of science to society, with emphasis on knowledge, power, authority, values, and ethics.

Prereq: English 110 or equiv. GEC arts and hums cultures and ideas course.

### 293 Individual Studies U 2-5

Designed to give students an opportunity for personal study with a member of the faculty.

Prereq: Permission of instructor. Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

### 358 Film and Literature as Narrative Art U 5

Relationships between film and literature; emergence of cinematic art as a form of representation with emphasis on diverse cultural traditions.

H358 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: 5 cr hrs in literature or comp std. GEC arts and hums VPA and western (non-US) course.

## Computer Science and Engineering

### 101 Computer-Assisted Problem Solving U 4

Problem solving techniques using productivity software; spreadsheets, formulas, conditional logic; relational databases, relational algebra; word processing; data presentation; graphics.

Su, Au, Wi, Sp Qtrs. 3 1-hr lec, 1 2-hr lab. Prereq: Mathematics placement level R or higher; or Math 075 or higher. Not open to students with credit for 200. GEC course.

### 200 Computer Assisted Problem Solving for Business U 5

Problem solving emphasizing spreadsheets and conditional logic; using productivity software; relational databases, word processing, data presentation, object linking and embedding, and communication systems.

Su, Au, Wi, Sp Qtrs. 4 1-hr lec, 1 2-hr lab. Prereq: Math 116, 130, or 148. Not

open to students with credit for 101.

## Dance

### 601 Supplemental Studies in Dance

Foundations in dance.

Su, Au, Wi, Sp Qtrs. 2 or more lab hrs. Prereq: Permission of instructor.

#### 601.08 Other U G 1-5

Repeatable to a maximum of 12 or hrs.

## Earth Sciences

### 100 Planet Earth: How it Works U 5

The materials of the Earth's crust, the processes that produce and modify them, and the development of the Earth and its life forms through time.

Su, Au, Wi, Sp Qtrs. 4 cl, 1 2-hr lab; or 2 2-hr cl, 1 2-hr lab. Not open to students with credit for Geol Sci 100. Not intended for ASC BS students. This course is available for EM credit. GEC phys sci course, phys sci sequence with 205 or ENR 101. NS Admis Cond course.

### 105 Geology and the National Parks U 5

Geologic processes, materials, and history revealed in geologic settings of the National Parks.

Au, Wi Qtrs. 4 cl, 1 rec. Not open to students with credit for 100, or Geol Sci 100. Not intended for ASC BS students. GEC phys sci course, phys sci sequence with 205. NS Admis Cond course.

## Economics

### 200 Principles of Microeconomics U 5

Introduction to economic theory: supply and demand for goods and services; market structure; the distribution of income.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H200 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. First required course for students planning to take 500-level courses in econ. GEC soc sci human, natural, and economic resources course. SS Admis Cond course.

### 201 Principles of Macroeconomics U 5

Theory of national income determination; economic fluctuations; money; government policy; international economics.

Su, Au, Wi, Sp Qtrs. 2.2-hr cl. H201 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 400. GEC soc sci organizations and politics course.

### 580 Labor Economics and Industrial Relations U G 5

Survey of the field of labor economics; trade unionism, collective bargaining; wage determination, employment, unemployment; labor legislation.

Au, Wi, Sp Qtrs. 2 2-hr cl. Prereq: 200.

## Education: Educational Policy and Leadership

### 259 Individual Learning and Motivation: Strategies for Success in College U 5

Teaches learning and motivation strategies to improve study skills and increase college success. Students learn how to manage their time and improve their grades.

2 2-hr cl, arr. 259D indicates course is taught at a distance via the Internet.

### 370 Computers in the Classroom: An Introduction U 4

An introduction to educational computing.

1 2.5-hr cl, 1 2.75-hr lab. Not open to students with credit for Ed-P&L 671.

### 600 Basic Media Skills U G 1

Self-instructional modules and activities emphasizing the selection, utilization, and preparation of teaching material.

Prereq: Admission to a teacher education program certification area or permission of instructor. Not open to students with credit for Ed-T&P 600. Cost of production materials must be borne by the student. This course is graded S/U.

### 650 Humanistic Foundations of Education

Prereq: 3rd yr standing in a recognized university teacher education program, or grad standing, or permission of dept office.

#### 650.02 History of Modern Education U G 3

Education and schools as factors in the development of the modern world; theories, practice, relations with other social institutions and forces, especially in Europe and America.

### 718 Pedagogical Studies

Key research studies and major perspectives on classroom pedagogy including effective classroom management, teaching and learning, and school functioning.

Prereq: EDU T&L 702 and 704. Open to students enrolled in the MED program.

#### 718.20 Middle Childhood Education G 3

#### 718.70 Early Childhood Education G 3

### 791 Media and Technology in Education

Overview of the impact and use of media and technology in education; courses directed to teacher education students.

#### 791.07 General Student Body G 4

## Education: Physical Activity and Educational Services

### 102 First Aid U 2

A consideration of first aid practices to the injured; designed to lead to Red Cross certification in first aid.

### 103 Health and Well-Being in American Society U 3

A study of student health problems; designed to foster understandings and attitudes needed for intelligent decision-making related to present and future health needs.

Not open to students with credit for 200.

### 139 Introductory Program of Outdoor Pursuits

A study of and participation in the skills and knowledges of various sports and outdoor recreational activities in a natural setting. Not open to students who have completed a corresponding subdivision of 140.

Preregistration with department required. Travel and subsistence costs for activities will be borne by the student.

#### 139.03 Backpacking I U 1

Introduction to basic backpacking techniques, equipment, wilderness travel, emergency procedures, and environmental awareness.

Student must provide sleeping bag and hiking boots. This course is graded S/U.

#### 139.11 Rock Climbing U 1

Basic rock climbing techniques, rope handling, and safety systems will be covered.

Prereq: Good physical condition. Students must provide sleeping bag, appropriate footwear for the climbing trip and a 20' length of new 1" nylon webbing. This course is graded S/U.

### 140 Outdoor Pursuits Program

A study of and participation in the skills and knowledge of various sports and outdoor recreational activities in a natural setting.

Preregistration with dept is required.

#### 140.06 Skiing U 3

### 147 Conditioning Principles U 1

Students will have the opportunity to study conditioning materials and principles. Register for desired concurrent sections using 148 decimal designation.

1 1-hr class. Prereq: Must take 148.01 or 148.02 or 148.03 or 148.04 or 148.05 or 148.06 concurrently.

### 148 Conditioning Activities

Students will have the opportunity to experience a conditioning activity of their choice.

3 1-hr lab. Prereq: Must take 147 concurrently.

#### 148.02 Jogging U 1

Prereq: Must be taken concurrently with 147.

#### 148.04 Weight Training U 1

Prereq: Must be taken concurrently with 147.

### 157 Golf

#### 157.01 Golf I U 1

Introductory skills and knowledge preparatory to course play with emphasis on irons.

### 168 Movement and Self Awareness U 1

Student's natural movement vocabulary is explored and extended through movement experiences designed to heighten self and social awareness; creative rather than imitative approach is used.

### 169 Martial Art Forms

An exploration and orientation to Eastern movement martial art forms.

#### 169.01 Aikido U 1

An introduction to a harmonizing martial art, designed to increase physical and mental centeredness; to improve grace, balance, awareness, and general movement abilities; to aid in self defense.

#### 169.07 Karate I U 1

Introduction to the fundamental forms and techniques of Karate.

**169.08 Karate II U 2**

The refinement of basic forms and techniques and the introduction of advanced forms; more emphasis on free fighting.

Prereq: 169.07 or equiv.

**172 Self Defense**

Skills and understandings essential to defend oneself against an aggressor with emphasis on avoiding attack.

**172.01 Self Defense Women U 1**

Limited to women only.

**174 Soccer**

Techniques and knowledge essential for playing soccer.

**174.03 Men's Soccer U 1****195 Yoga**

Introduction to fundamental techniques and basic yogic principles of pranayama (breath control), asana (posture), relaxation, and meditation; emphasis on major postures.

**195.01 Yoga I U 1****195.02 Yoga II U 1**

Asanas (postures) at the intermediate level of Hatha yoga are introduced; continued development and practice of relaxation and meditative techniques; further exploration of yogic philosophy.

Prereq: 195.01 or equiv.

**196 Varsity Squads**

Participation as a player on a varsity squad.

Prereq: Admission by tryout. Repeatable to a maximum of 10 cr hrs in any combination of decimal subdivisions.

**196.02 Basketball U 2**

Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

**196.07 Golf U 2**

Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

**196.19 Volleyball U 2**

Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

**197 Competitive Club Sports U 1**

Participation as a member of a competitive club sport team.

Prereq: Prior experience on at least one competitive club sport team and soph standing. Repeatable to a maximum of 3 cr hrs. Preregistration with dept required. This course is graded S/U.

**204 Sexuality and Health U 3**

The study of sexuality as an aspect of the healthy individual; the demythologizing of sexual beliefs and behaviors; sexual behavior and attitudes in young adults.

**205 Social Recreation U 2**

Age characteristics and developmental levels relative to social activities; techniques, rules, strategy and social behaviors in a range of cultural activities, i.e., social games and pastimes.

SS Admis Cond course.

**221 Sports Officiating**

Study of playing rules, rule interpretation, techniques, and mechanics of officiating various interscholastic and intercollegiate athletic sports.

Prereq: Satisfactory evidence of playing skill in the elected athletic sport.

**221.01 Baseball U 2****221.04 Football U 2**

Students completing the course are eligible for certification to officiate in Ohio schools.

**221.15 Softball U 2****250 How to Avoid Dying from Cancer Now and Later U 2**

Discussion of the latest findings on avoiding cancer through lifestyle choices and assessment of one's family health history.

**271 Seminar in Exploring Helping Relationships: Teaching/Learning U 3**

Focus on self development, decision making, world of work for students exploring careers through placement in educational, and community agency settings. Repeatable to a maximum with special written permission, when unusual circumstances warrant.

Repeatable to a maximum of 6 cr hrs. To be taken concurrently with field experience 289.01.

**289 Directed Field Experience**

Professional service in school or community settings.

Preregistration with school required.

**289.01 Intro Experience in a School System U 2-5**

Repeatable to a maximum of 20 cr hrs. This course is graded S/U.

**312 Issues in Alcohol/Drug Use and Abuse U 3**

Provides an understanding of the dynamics of substance abuse.

**314 AIDS: What Every College Student Should Know U 3**

A review of the physiological, psychological, social, legal, and moral issues surrounding the disease AIDS with emphasis placed on responsible decision making about one's lifestyle.

**650 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.

Not open to students with credit for Psych 570.

**669 Teaching Students with Disabilities in Inclusive Settings U G 3**

Emphasizes practical, low-cost, empirically supported, and classroom tested approaches to teach students with disabilities effectively in general education classrooms.

Prereq: Permission of instructor.

**705 Introduction to Gifted Education G 3**

An examination of historical trends, educational, psychological, and philosophical factors in the education of gifted persons.

**727 Special Topics in Education**

Special topics for professional educators and graduate students in selected areas; designed to provide the opportunity to update professional skills and review current research developments.

Prereq: Grad standing or registration in one of the professional schools.

**727.40 Workforce Development and Education G 1-5**

Repeatable to a maximum of 20 cr hrs. This course is graded S/U.

## Education: Teaching and Learning

**289 Field Experience**

Professional service with children or youth in a school or community agency.

Prereq: Permission of instructor.

**289.10 Elementary Education U 2-5**

Planned elementary education field experience under supervision.

Su Qtr. Prereq: Permission of instructor. Repeatable hrs including 289.02.

Repeatable to a maximum of 20 cr hrs. This course is graded S/U.

**460 Elementary Education: Child Guidance U 4**

Designed to develop an understanding of child growth and development principles in relation to instruction.

**467 Introduction to Children's Literature U 3**

Study of literature for children with emphasis on standards for selecting materials with reference to the interests, needs, and abilities at different age levels.

**489 Advanced Field Experience**

Directed field experience emphasizing appropriate teaching strategies for different school age children and school settings.

Prereq: Admission to appropriate teacher education program.

**489.10 Elementary Education U 3-5**

Repeatable to a maximum of 15 cr hrs.

**601 Foundations of Middle Childhood Education: Theory, Philosophy, and Organization**

Examination of the history, rationale, philosophy, organization, and distinctive components fundamental to middle childhood education.

**601.07 General Student Body U G 3****601.20 Middle Childhood Education U G 3****603 Interdisciplinary Teaching and Learning for Middle Childhood**

Focus on the interrelatedness of the disciplines and the design, implementation, and assessment of curriculum and pedagogy for middle childhood learners.

**603.20 Middle Childhood Education U G 3****607 Writing Course in Early and Middle Childhood Education U 5**

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.

**620 Issues of Theory and Practice in the Inclusive Classroom**

This course explores issues related to inclusion of children with disabilities in schools, including collaborative models, content and instruction modification and differentiated education.

**620.20 Issues of Theory and Practice in the Inclusive Classroom U G 3**

Issues of theory, philosophy and practice related to the inclusion of special needs students within the inclusive general education classroom. Course devoted to issues for general educators who will work in inclusive classrooms.

Su, Au, Wi, Sp Qtrs. 1 3-hr cl. Prereq: Admission to the MCE M Ed program

or permission of instructor.

### **633 Teaching and Learning with Drama: Introduction U G 3**

Introduction to the use of drama and imagination in education.

Prereq: Experienced teacher or jr/sr standing with some field experience. Repeatable to a maximum of 6 cr hrs.

### **656 Literature for Adolescents U G 3**

Literature for individual, group, and whole-class reading in junior and senior high schools; interest factors, readability, and literary value as criteria for selection; bibliographic aids.

### **665 Applied Linguistics for Teachers of Reading/Language Arts U G 3**

Structure of language, language acquisition, and language variation applied to language arts/reading principles, methods, and materials.

### **668 Reading Foundations**

Introduction to basic concepts about the reading process, learning to read, social/cultural factors affecting literacy development and effective instruction.

Prereq: Jr standing or above.

#### **668.07 General Student Body U G 4**

### **669 Understanding Phonics and Its Role in Reading Instruction**

Detailed examination of how English maps spellings to pronunciations, the role of phonics knowledge in learning to read, and effective assessment and instruction.

Prereq: 668 or 668.07 and 467 or 817; jr standing or above.

#### **669.20 Middle Childhood Education U G 5**

#### **669.70 Early Childhood Education**

**U G 5**

### **674 Family Participation in Early Childhood School Programs**

The purposes and importance of family involvement in early childhood school programs, types of programs, resources, methods, and curricula.

#### **674.07 General Student Body U G 3**

### **693 Individual Studies**

Prereq: Permission of instructor. A total of not more than 30 cr hrs of individual study (any 693) will apply toward graduation for undergrad students, or 15 cr hrs for the master's degree and 30 cr hrs for the doctoral degree.

#### **693.10 Elementary Education U G 1-4**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

### **701 A Survey of Current Research and Trends in Early and Middle Childhood Education**

Designed to emphasize the appraisal of recent research and its application to teaching practice and educational policy in the area of early and middle childhood education.

#### **701.07 General Student Body U G 3**

### **702 Language Arts for Children Ages 3 to 9**

Examination of children's oral and written language development and related theoretical understandings instrumental for teaching language arts.

Prereq: Admission to Early Childhood M Ed program.

#### **702.70 Early Childhood Education G 3**

### **705 Reading Methods for Early Childhood**

Focus on the acquisition and development of reading skills in early childhood. (Pre-K-3rd grade).

Prereq: New Phonics and Reading Foundations Courses.

#### **705.07 General Student Body G 3**

#### **705.70 Early Childhood Development G 3**

### **706 Teaching and Learning Language Arts for Middle Childhood**

Focus on principles and practices for facilitating the effective development and use of oral and written language by children in grades 4-9.

#### **706.20 Middle Childhood Education G 3**

### **708 Teaching and Learning of Mathematics in Grades PreK-3, Part I**

Examination of instructional strategies that facilitate the teaching and learning of mathematics in grades Pre K-3.

Prereq: 702 or 702.07 or 702.70 and 704 or 704.07 or 704.20 or 704.70.

#### **708.70 Early Childhood Development G 3**

### **709 Teaching and Learning of Mathematics for Middle Childhood**

Examination of instructional strategies that facilitate the teaching and learning of mathematics for middle childhood.

Prereq: 702 or 702.07 or 702.70, 704 or 704.07 or 704.20 or 704.70, and 708 or 708.07 or 708.70.

#### **709.20 Middle Childhood Education G 3**

### **713 Teaching and Learning of Mathematics in Grades PreK-3, Part II**

This course is designed to improve pre-service teachers' understanding and capacity to use national and state standards, learning theories, research based

instructional methods, formative and summative assessment.

Wi Qtr. 2.5 hr wk. Prereq: 708.07 or 708.70 and admission to ITL Early Childhood MEd or permission of instructor.

#### **713.70 Early Childhood Development G 3**

### **718 Teaching and Learning Mathematics in the Middle Grades, Part II G 3**

Examination of instructional strategies and issues related to teaching and learning mathematics in the Middle Childhood classroom.

Prereq: Admission to the MCE M.Ed. program or permission of instructor.

### **719 Teaching and Learning Science in the Middle Grades, Part II G 3**

Examination of instructional strategies and issues related to teaching and learning science in the Middle Childhood classroom.

Prereq: Admission to the MCE M.Ed. program or permission of instructor.

### **722 Literature Across the Curriculum U G 3**

Non-fiction for ages 4-12 as it contributes to social studies, the sciences, language arts, and the creative arts; emphasis on identifying quality selections and planning related to learning experiences.

### **723 Early Childhood Pedagogy I**

Examines teaching and learning in pre-K through grade 3 with a focus on inclusive and diverse pre-K and kindergarten settings.

Open to Early Childhood MEd students and others by permission. Pedagogy I and II are sequenced and required in the Early Childhood Teacher Education Program.

#### **723.70 Early Childhood Education G 3**

### **727 Special Topics in Education**

Special topics for professional educators and graduate students in selected areas; designed to provide the opportunity to update professional skills and review current research developments.

Prereq: Grad standing or registration in one of the professional schools. Repeatable to a maximum of 20 cr hrs.

#### **727.10 Elementary Education G 1-5**

Repeatable to a maximum of 20 cr hrs. This course is graded S/U.

#### **727.50 Integrated Teaching and Learning G 1-5**

Repeatable to a maximum of 20 cr hrs. This course is graded S/U.

### **729 Teaching and Learning of Science in Grades Pre K-3 Part I**

Exploration of contemporary alternatives in elementary science education and the development of knowledge and skills for teaching and learning in grades Pre K-3.

Prereq: 702 or 702.07 or 702.70 and 704 or 704.07 or 704.20 or 704.70.

#### **729.70 Early Childhood Education G 3**

### **731 Teaching and Learning of Science for Middle Childhood**

Science methods course required for preservice teachers seeking certification to teach at the middle childhood level.

Prereq: Admission to Middle Childhood M Ed program.

#### **731.20 Middle Childhood Education G 3**

### **737 Teaching and Learning of Social Studies in Grades Pre K-3**

Exploration of current theories in the teaching and learning of social studies in grades Pre K-3.

Prereq: 702 or 702.07 or 702.70 and 704 or 704.07 or 704.20 or 704.70.

#### **737.70 Early Childhood Education G 3**

### **738 Teaching and Learning of Social Studies in Middle Childhood**

Study of current theories in the teaching and learning of the historical, ethical, cultural, geographic, economic, and socio-political aspects of social studies in Middle Childhood.

Prereq: 702 or 702.07 or 702.70, 704 or 704.07 or 704.20 or 704.70 and 737 or 737.07 or 737.70.

#### **738.20 Middle Childhood Education G 3**

### **739 Evaluation and Instructional Decision-Making in Literacy**

Evaluation processes and instructional materials useful to elementary and secondary teachers are explored as individual and small group needs.

Prereq: 665. Not open to students with credit for ED-T&P 732.

#### **739.20 Middle Childhood Education U G 3**

#### **739.70 Early Childhood Education U G 3**

### **743 Teaching and Learning of Science in Grades PreK-3 Part II**

This course will facilitate an understanding of pedagogies, research, and inquiry approaches to further meet state and national standards.

Wi Qtr. 2.5-hr cl. Prereq: 729.07 or 729.70 and admission to ITL Early Childhood MEd or permission of instructor.

#### **743.70 Early Childhood Education G 3**

### **754 Introduction to American Sign Language U G 3**

Introduction to the use of signs and finger spelling in American Sign Language.

Prereq: Written permission of instructor. Not open to students with credit for Ed-S&R 738.

### 810 Classroom Communities and Issues of Guidance

A classroom as communities framework to support teaching and learning and issues of guidance.

Required in Early Childhood MEd and open by permission to other students.

**810.70 Early Childhood Education G 3**

### 815 Teachers and Teaching: The Changing Context in Equity, Diversity, and Exceptionality

Examination of how attitudes, assumptions, and expectations within socially diverse classrooms influence the behaviors of educators, parents, and pupils. Case method: Analyzing experiences of teachers.

Prereq: Permission of instructor.

**815.20 Middle Childhood Education G 3**

**815.70 Early Childhood Education G 3**

### 840 Writing in the Elementary School G 3

Study of the implications from recent research and theory in language learning and use in respect to writing, spelling, handwriting, and grammar.

### 853 Critical Reading in the Content Fields

Exploration of the problems of developing critical reading ability in a variety of curricular fields.

**853.20 Middle Childhood Education G 3**

**853.70 Early Childhood Education G 3**

### 884 Planned Field Experience

Planned field experience under supervision in a P-12 classroom.

Prereq: Written permission of area adviser.

**884.02 Foreign G 1-20**

Repeatable to a maximum of 25 cr hrs. This course is graded S/U.

**884.10 Elementary Education G 1-20**

Repeatable to a maximum of 25 cr hrs. This course is graded S/U.

**884.20 Middle Childhood Education G 1-20**

Repeatable to a maximum of 25 cr hrs. This course is graded S/U.

**884.70 Early Childhood Education G 1-20**

Repeatable to a maximum of 25 cr hrs. This course is graded S/U.

### 885 Supervised Student Teaching Internship

Student teaching internship in a P-12 classroom where students assume major teaching responsibilities under the guidance of a cooperating teacher and university supervisor.

300 field contact hrs/qtr. Prereq: Written permission of instructor.

**885.20 Middle Childhood Education G 5-15**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

**885.70 Early Childhood Education G 5-15**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

### 886 Reflective Seminar

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: Open to M. Ed Students only.

**886.20 Middle Childhood Education G 1-5**

Repeatable to a maximum of 15 cr hrs. This course is graded S/U.

**886.70 Early Childhood Education G 1-5**

Repeatable to a maximum of 15 cr hrs. This course is graded S/U.

### 893 Advanced Individual Studies

Prereq: Permission of instructor. For thesis option, not more than 15 cr hrs of any 693 and/or 893 will apply toward the master's degree. For non-thesis option, not more than 20 cr hrs will apply. Not more than 30 cr hrs will apply toward the doctoral degree. This course is graded S/U.

**893.10 Elementary Education G 1-4**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

### 925 Advanced Seminar

Advanced graduate seminars focusing on educational scholarship related to each subject.

Prereq: Permission of instructor. Students with permission of advisers may register for more than one section of 925 or for the same section two or more times. Research problems:

**925.10 Language Education and Society G 2-5**

Language, education and society.

Repeatable.

**925.70 Rethinking Early Childhood and Elementary Education G 2-5**

Early childhood and elementary education.

Repeatable.

### 926 M.Ed Capstone Seminar

Seminar to prepare M.Ed. students for the comprehensive written examination or approved alternative.

Prereq: Open to M.Ed. students only.

**926.20 Middle Childhood Education G 3**

**926.70 Early Childhood Education G 3**

Su, Au, Wi, Sp Qtrs. This course is graded S/U.

## English

### 109 Intensive Writing and Reading

5 cl or 2 2-hr cl. Credit may not count toward graduation in some degree programs.

**109.01 Intensive Writing and Reading I U 5**

First course in a two-course sequence that provides intensive practice in integrating academic reading and writing.

Prereq: English Placement Test score of 6. Not open to students with credit for 052, 060, 110W, 110, or 111.

**109.02 Intensive Writing and Reading II U 5**

Second course in a two-course sequence that provides intensive practice in integrating academic reading and writing.

Prereq: 109.01. Not open to students with credit for 053, 060, 110W, 110, or 111.

### 110 First-Year English Composition

Practice in the fundamentals of expository writing, as illustrated in the student's own writing and in the essays of professional writers.

No prereq except when testing determines 052, 053, 106, 107, 109.01, 109.02, 110.03 or EDU T&L 108.01 to be required. Not open to students with credit for 110, 110C, 110L, 110W, H110, 111, H111, or H167. This course is available for EM credit only through the AP program. GEC first writing course.

C-- Taught in a computer-assisted classroom.

**110.01 First-Year English Composition U 5**

Prereq: English placement level 4 or 109.02 or EDU T&L 108.01. Not open to students with credit for 110, 110.02 or 110.03. 5 hours community service required for S courses at Lima campus.

**H110.01 Honors First-Year English Composition U 5**

Intensive practice in the fundamentals of writing for selected students, as illustrated in the student's own writing and in the essays of professional writers.

Prereq: 28 or above on the English section of the ACT or 660 on the verbal section of the SAT. Not open to students with credit for 110, H110, 110.01, H110.02. GEC first writing course.

**110.03 First-Year English Composition U 5**

Intensive practice in the fundamentals of expository writing.

Prereq: English placement level 5, placement level 4 allowed if student requests service. Must be taken concurrent with 193.03. Not open to students with credit for 110, 110.01, 110.02.

### 193 Individual Studies

Intensive practice in the fundamentals of expository writing.

Prereq: Fr standing and permission of Director of First-Year Writing. Must be taught concurrent with 110.03.

**193.03 Individual Studies U 2-5**

Not open to students with credit for 193. Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

### 201 Selected Works of British Literature: Medieval through 1800 U 5

An introductory critical study of the works of major British writers from 800 to 1800.

H201 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq for 201: 110 or 111 or equiv. Prereq for H201: H110 or H111 or equiv or permission of instructor. 201 is required of non-honors English majors. GEC arts and hums lit course.

### 202 Selected Works of British Literature: 1800 to the Present U 5

An introductory critical study of works of major British writers of the 19th and 20th centuries.

H202 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq for 202: 110 or 111 or equiv. Prereq for H202: H110 or H111 or equiv or permission of instructor. Not open to students with credit for 284 or 285. 202 is required of non-honors English majors. GEC arts and hums lit course.

### 220 Introduction to Shakespeare U 5

Study of selected plays designed to give an understanding of drama as theatrical art and as an interpretation of fundamental human experience.

H220 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq for 220: 110 or 111 or equiv. Prereq for H220: H110 or H111 or equiv, and enrollment in an honors program. GEC arts and hums lit course.

### 260 Introduction to Poetry U 5

Designed to help students understand and appreciate poetry through intensive

study of a representative group of poems.

H260 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC arts and hums lit course.

### 263 Introduction to Film U 5

Introduction to methods of reading film texts by analyzing cinema as technique, as system, and as cultural project.

1 3-hr cl, 1 2-hr cl. GEC arts and hums VPA course.

### 265 Writing of Fiction I U 5

Practice in the writing of fiction; analysis and discussion of student work, with some attention to general methods of fiction and the publishing situation.

Repeatable to a maximum of 10 cr hrs.

### 266 Writing of Poetry I U 5

Practice in the writing of poetry; emphasis on the students' own work, with reference to established poetic patterns and established poetry.

Repeatable to a maximum of 10 cr hrs.

### 268 Writing of Creative Nonfiction I U 5

Practice in the writing of creative nonfiction; analysis and discussion of student work, with reference to the general methods and scope of the genre.

Workshop-seminar. 2 2-hr cl. Prereq: English 110 or 111 or equiv. Repeatable to a maximum of 10 cr hrs.

### 269 Digital Media Composing U 5

A writing course where students analyze and compose digital media texts while studying complex forms and practices of textual production.

Prereq: English 110 or equiv. GEC arts and hums VPA course.

### 271 Introduction to English Language Study U 5

An introduction to the grammar, history, and social and regional dialects of the English language.

Not open to students with credit for 570, 669, 671, 672; or Linguist 601. GEC arts and hums cultures and ideas course.

### 275 Thematic Approaches to Literature U 5

An introduction to literature through the examination of a major theme as treated in different genres and periods; topic varies quarterly.

Repeatable to a maximum of 10 cr hrs. GEC arts and hums lit course.

### 280 The English Bible U 5

The Bible in English translation, with special attention to its literary qualities, conceptual content, and development within history.

H280 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC arts and hums lit course.

### 290 Colonial and U.S. Literature to 1865 U 5

Introductory study of significant works of U.S. literature from its Colonial origins to 1865.

Either 290 or 291 is required of non-honors English majors. GEC arts and hums lit course.

### 291 U.S. Literature: 1865 to Present U 5

Introductory study of significant works of U.S. literature from 1865 to the present.

Prereq: 110 or 111 or equiv. Either 290 or 291 is required of non-honors English majors. GEC arts and hums lit course.

### H296 Honors Seminar: Literature and Intellectual Movements U 5

Studies in the relationship of works of literature to their general intellectual contexts, involving such topics as Deism, Marxism, Primitivism, Freudian psychology; topic varies quarterly.

Prereq: CPHR of 3.00 or better, with 3.50 or better in English, and permission of dept.

### 367 Intermediate Essay Writing

Prereq for 367.01, 367.02, 367.03, 367.04, 367.05, 367.06, 367.07: Credit for 110 through regular course enrollment and soph standing; or EM credit for 110; or a declared major in English. Not open to students with credit for 210, 267, H267, 301, 303, 305, or 367. Only one English 367 decimal subdivision may be taken for credit.

#### 367.01 The American Experience U 5

An intermediate course that extends and refines expository writing and analytic reading skills, with an emphasis on style and an introduction to documentation, with major topics pertaining to the United States.

H367.01 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC second writing and social diversity course. E367.01 may be available for honors embedded experience at the regional campuses.

### 398 Writing for English Majors U 5

Analysis of poetry, fiction, and drama, and issues in literary studies; intensive practice in writing critical essays in preparation for upper-division course work in English.

Prereq: 110 or 111 or equiv, a 367 writing course, and a declared English major; Rank 4 students must have permission of the director of undergraduate

studies. Not open to students with credit for 302. Required of English majors; enrollment limited to English majors except by permission of dept. GEC third writing course.

### 405 Special Topics in Professional Communication U 5

Topics vary; possible topics include technical communication, technical editing, managerial communication, international business communication, visual rhetoric, writing for the web, and scientific writing.

2 2-hr cl. Prereq: A 367 second writing course. Repeatable to a maximum of 10 cr hrs.

### 467 Writing and Learning U 5

Study of how writing skills develop, in the context of a peer consulting program, including 2 weekly classes and a 2-hour tutoring practicum.

2 2-hr cl, arr practicum. Prereq: 110 or 111 or equiv.

### 520 Studies in Shakespeare

A study of the works of Shakespeare.

#### 520.01 Shakespeare U G 5

A critical consideration of the art, personality, and achievement of Shakespeare in the light of Renaissance and modern significance.

Not open to students with credit for 520.

### 551 U.S. Literature, 1830-1865 U G 5

An introduction to the major American writers of the mid-19th century: Poe, Hawthorne, Melville, Emerson, Thoreau, and Whitman.

### 568 Writing of Creative Nonfiction II U G 5

Practice in the writing of essays and book-length creative nonfiction; continuation of 268 at an advanced level.

Prereq: 268 or equiv, and permission of instructor. Repeatable to a maximum of 15 cr hrs, including cr hrs earned in 664.

### 574 History and Theories of Writing U G 5

Study of the origins, definitions, and development of writing, with varying perspectives on historical, technological, theoretical, and ideological issues.

### 578 Special Topics in Film U G 5

Examination of particular topics, themes, genres, or movements in cinema; topics may include particular directors (Orson Welles), periods (The Sixties), genres (horror).

1 3-hr, 1 2-hr cl. Repeatable to a maximum of 15 cr hrs.

### H590 Honors Seminar: Major Periods in Literary History

Intensive study of one of the major periods of English and American literature; periods vary quarterly.

Prereq: CPHR of 3.00 or better, with a 3.50 or better in English, and permission of dept.

#### H590.02 The Renaissance U 5

#### H590.06 The Modern Period U 5

### H591 Honors Seminars: Topics in English Studies

#### H591.01 Special Topics in the Study of Creative Writing U 5

A seminar in literary forms and themes, with a significant creative writing component.

2 2-hr cl. Prereq: 265 or 266 or 268; and enrollment in an honors program; or permission of instructor. Repeatable to a maximum of 10 cr hrs.

### 593 Literature and Law U G 5

Exploration of some fundamental questions underlying the cultural representation of legal order, particularly the nature of legal authority and of individual resistance to it.

### 662 Literary Publishing U G 5

Theory and practice of editing and publishing literature.

Prereq: 265 or 266, 5 cr hrs of 500-level literature courses in English, and permission of instructor.

### 693 Individual Studies U G 1-5

Students may register for individual directed study under this number for work not normally offered in courses.

Prereq: Sr standing and permission of instructor and of dept undergrad or grad committee. Repeatable to a maximum of 10 cr hrs. This course is graded S/U.

## Environment and Natural Resources

### 201 Introduction to Environmental Science U 5

Introduction to environmental science, the ecological foundation of environmental systems, and the ecological impacts of environmental degradation by humans.

Su, Au, Wi, Sp Qtrs. 4 cl, 1 dis.

## Evolution, Ecology, and Organismal Biology

### 232 Introductory Physiology U 5

A survey of the human nervous system, sense organs, muscle function, circulation, respiration, digestion, metabolism, kidney function, and reproduction.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: 5 cr hrs in general biology or general chemistry; Biology 102 or 113 recommended. Credit does not count toward a major in evolution and ecology or zoology. Not intended for biological science majors. GEC bio sci course. NS Admis Cond course.

### 235 Introductory Anatomy U 5

An introduction to mammalian anatomy with emphasis on human anatomy; dissection of cat.

Su, Wi Qtrs. 3 cl, 1 3-hr lab. Prereq: 5 cr hrs in general biology (Biology 102 recommended) or Anthrop 200. Credit does not count toward a major in evolution and ecology or zoology. Not intended for biological science majors. GEC bio sci course. NS Admis Cond course.

### 293 Individual Studies U 1-5

Individual work in the field of the chosen problem.

Su, Au, Wi, Sp Qtrs. Arr. Prereq: 405; and written permission of instructor. Repeatable to a maximum of 15 cr hrs. Only 5 hrs to count on evolution and ecology or zoology majors. This course is graded S/U.

### 693 Individual Studies U G 2-10

Individual work in the field of the chosen problem.

Su, Au, Wi, Sp Qtrs. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs. No more than 5 cr hrs may be counted toward an undergrad evolution and ecology or zoology majors. This course is graded S/U.

### 999 Research in Evolution, Ecology, and Organismal Biology G 1-18

Research for thesis and dissertation purposes only.

Su, Au, Wi, Sp Qtrs. Repeatable. This course is graded S/U.

## French

### 101 Elementary French I

Introduction to French; development of listening, reading, speaking, and writing skills.

Su, Au, Wi, Sp Qtrs. Not open to students with credit for 100.02 or 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 dept. GEC for lang courses. FL Admis Cond courses.

#### 101.01 Classroom Track U 5

Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 102 Elementary French II

Continuation of 101, further development of listening, reading, speaking, and writing skills.

Su, Au, Wi, Sp Qtrs. Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses. FL Admis Cond courses.

#### 102.01 Classroom Track U 5

Prereq: 101.01 or 5 cr hrs of 101.51. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 103 Intermediate French I

Continued study of French; development of listening, reading, speaking, and writing skills; readings based on contemporary French culture and literature.

Su, Au, Wi, Sp Qtrs. Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses.

#### 103.01 Classroom Track U 5

Prereq: 102.01, or 102.66, or 5 cr hrs of 102.51. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 104 Intermediate French II

Prereq: 103.01 or 103.66 or 5 cr hrs of 103.51 or 112. Not open to students with credit for 104; or to native speakers of this language through regular course enrollment or EM credit. Only one of the decimal subdivisions may be taken for credit. GEC for lang courses.

#### 104.01 Conversation and Composition U 5

Continued development of listening, speaking, reading, and writing with an emphasis on oral and written skills; focus on functional topics and thematic vocabulary.

Su, Au, Wi, Sp Qtrs. H104.01 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Highly recommended for majors and minors. Course conducted in French. This course is available for EM credit.

## Geography

### 120 Earth Systems II: Atmospheric Environment U 5

Introduction to the characteristics and processes of the Earth's atmosphere and their linkage with other physical systems of the planet and with human activity.

Su, Au, Wi, Sp Qtrs. 2 1 1/3-hr lec, 1 1 1/2-hr lab. H120 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 220 or 520, or Atmos Sc 230. GEC phys sci course.

### 200 World Regional Geography U 5

An examination of the human and physical geographic structure of all world regions; defined primarily at the continental scale and classified by their level of development.

Su, Au, Wi, Sp Qtrs. 3 11/3-hr cl. H200 (honors) may be available Au Qtr to students enrolled in an honors program or those approved by ASC Honors office. GEC soc sci human, natural, and economic resources course. SS Admis Cond course.

### 240 Economic and Social Geography U 5

Geographic analysis of selected economic and social issues at global, national, and metropolitan scales; locational, spatial interaction, and map analysis of population, urbanization, and development issues.

Su, Au, Wi, Sp Qtrs. 5 cl. H240 (honors) may be available Wi or Sp Qtr to students enrolled in an honors program or by permission of dept. GEC soc sci human, natural, and economic resources course. SS Admis Cond course.

### 400 Geography of United States and Canada U 5

Geographical analysis of North America; spatial patterns and processes associated with resources, economic structure, population, urbanization, income, and ethnicity at national, regional, and urban scales.

Su, Au, Wi, Sp Qtrs. 3 1.5-hr cl. H400 (honors) may be available to students enrolled in an honors program or by permission of instructor. GEC social diversity course.

### 597 Issues of the Contemporary World

Prereq: Jr or sr standing. GEC contemporary world courses.

#### 597.01 World Urbanization U 5

An examination of geographic aspects of the urbanization process in the world's major regions; interrelationships between urbanization and economic development.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. Not open to students with credit for 450 or 597.

## Hebrew

### 241 Culture of Contemporary Israel U 5

Introduction to the culture of modern Israel: historical roots, socio-political institutions and developments, and literary and artistic creations reflecting the realities of contemporary Israeli society.

H241 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC arts and hums cultures and ideas course.

### 372 Modern Hebrew Literature in Translation U 5

Modern Hebrew literature; works of major writers from the middle of the 18th century to the present; emphasis on European literary influences.

H372 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq or concur: English 110 or equiv. Prereq for H372: English H110 or equiv. Not open to students with credit for 271. GEC arts and hums lit course.

### 373 Prophecy in the Bible and Post-Biblical Literature U 5

The dynamics of Israelite prophecy and apocalyptic in the context of ancient Near Eastern culture.

GEC arts and hums lit course.

## History

### 151 American Civilization to 1877 U 5

The political, constitutional, social, and economic development of the United States from the colonial period through the era of Reconstruction.

H151 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq or concur: English 110 or 111. Not open to students with credit for 150.01. This course is available for EM credit. GEC historical survey course. SS Admis Cond course.

### 152 American Civilization since 1877 U 5

The political, constitutional, social, and economic development of the United States from the era of Reconstruction to the present.

H152 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: 151 and prereq or concur: English 110 or 111. Not open to students with credit for 150.02. This course is available

for EM credit. GEC historical survey course. SS Admis Cond course.

### 181 World History to 1500 U 5

History of the human community to 1500, primary emphasis on history of civilizations, and secondary emphasis on patterns of regional and hemispheric integration.

Prereq: English 110 or 110.01 or 110.02 or 110.03 or 111 or permission of instructor. Not open to students with credit for 200.01. GEC historical survey course. E181 may be available for honors embedded experience at the regional campuses.

### 182 World History, 1500 to Present U 5

History of the human community from 1500 to the present, primary emphasis on processes of global integration, and secondary emphasis on comparative civilization.

Prereq: 181 or 200.01, and prereq or concur: English 110 or 111. Not open to students with credit for 200.02. GEC historical survey course.

### 309 The Sixties U 5

Studies tumultuous period involving U.S. economic and social change, liberal and conservative politics, civil rights, social movements, counter-culture, and Vietnam in historical and world contexts.

### 311 World War I, 1914-1918 U 5

Exploration of the causes, conduct, and consequences of the First World War in a global context.

Prereq: English 110 or 111.

### 325 Introduction to Women's History: The American Experience U 5

American women from pre-European-settlement to the present; experiences of Native American, African American, Mexican American, Puerto Rican, Asian American, Jewish, Appalachian, working-class; and lesbian women.

H325 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 237. SS Admis Cond course. GEC social diversity course.

### 398 Introduction to Historical Thought U 5

Investigation of the methods historians use to understand the past.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. H398 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 302. Some classes will visit the Ohio Historical Society. A minimum grade of C in 398 is required for admission to the history major.

### 541 Wider Islamic World

#### 541.02 History of Islam in Africa U G 5

Examination of the history and spread of Islam in Africa and its impact on African social, economic, and political institutions.

Prereq: 121 or 122, or AfAm&ASt 121 or 122; or grad standing. Not open to students with credit for 643 or AfAm&ASt 643 or 541. Cross-listed with AfAm&ASt 541.

### 545 Chinese History

#### 545.03 Modern China, 1800-1949 U G 5

History of modern China with emphasis on cultural contact between China and the West.

Not open to students with credit for 547.03 or 646.

### 557 Early U.S. History

#### 557.01 American Revolution and New Nation, 1763-1800 U G 5

Analysis of social, economic, cultural, and political changes in 18th century America.

Not open to students with credit for 658.

#### 557.02 Jeffersonian and Jacksonian Democracy, 1800-1845 U G 5

A continuation of 557.01 but may be taken separately; primary emphasis on social and political history of postrevolutionary America.

Not open to students with credit for 659.

#### 557.03 Civil War and Reconstruction U G 5

The causes, character, and consequences of America's intersectional war and the post-war settlement.

Not open to students with credit for 662.

### 593 Individual Studies U G 1-5

Individual study in some field of historical development; designed to allow the student to work on a problem of particular interest.

Su, Au, Wi, Sp Qtrs. Prereq: Permission of instructor. Repeatable to a maximum of 20 or hrs. This course is graded S/U.

### 597 Critical Issues of the 20th-Century World U 5

Contemporary global problems in historical perspectives; war and threat of war; intercontinental, racial, ideological, and economic conflicts; the search for a new world order.

Prereq: Jr or sr standing. Not open to students with credit for 400. GEC contemporary world course.

### 598 Seminars

GEC third writing courses.

### 598.01 Senior Colloquium U 5

The nature of historical judgment and interpretation: the roles of evidence, approach, and presuppositions.

Prereq: Sr history majors or written permission of instructor. Not open to students with credit for 598 or 598.02.

### 791 Topics in History G 1-5

The investigation of particular problems in various fields of history through individual studies.

Su, Au, Wi, Sp Qtrs. Arr. Prereq: Grad standing. Repeatable to a maximum of 20 or hrs.

## History of Art

### 201 History of Western Art I: The Ancient and Medieval Periods U 5

Examination of the history of Western art from the third millennium BC to the fifteenth century AD.

Not open to students with credit for 210. GEC arts and hums VPA course and historical studies.

### 202 History of Western Art II: Europe and the United States, Renaissance to Modern U 5

Examination of the history of art in Europe and the United States, from about 1500 to the present.

Not open to students with credit for 212. GEC arts and hums VPA course and historical studies.

### 216 Introduction to African Art and Archaeology U 5

The art and archaeology of Africa with emphasis on the historic cultures of the Rock Art (8,000 B.C.), Egypt (3000 B.C.), Nok (900 B.C.), Igbo-Ukwu (695 A.D.), Ife (1200 A.D.), and Benin (1400-1900 A.D.).

5 cl. GEC arts and hums VPA course. VPA Admis Cond course.

### 300 Great Monuments of Western Civilization U 5

Major buildings of Western civilization from antiquity to the present in their historical and cultural contexts.

Not open to students with credit for 250, Arch 201, or any course from Arch 600-602 sequence, or more than one course from Hist Art 210-212 sequence. GEC arts and hums VPA course.

### 493 Individual Studies U 2-5

Individual study in some field of historical development; designed to allow the student to work on a problem of particular interest.

Su, Au, Wi, Sp Qtrs. Prereq: Permission of instructor. Repeatable to a maximum of 15 or hrs. This course is graded S/U.

## Human Nutrition

### 210 The Science of Human Nutrition U 5

Basic principles of biological science involving interactions between nutrients and physiological processes with emphasis on implications for human health.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: Biology 101 or equiv. Not open to students with credit for 310. BER/GEC/LAR course.

## Mathematics

### 050 Precollege Mathematics I U 5

Arithmetic of fractions and decimals, basic algebra, graphing equations, geometry, exponents, applications of exponents, lines and slopes, area.

Su, Au, Wi, Sp Qtrs. 5 cl. Not open to students with credit for any higher numbered math course. Credit will not count toward graduation in any degree program.

### 075 Precollege Mathematics II U 4

Factoring, rational expressions and equations, graphs, systems of linear equations and inequalities, problem solving, roots and radicals, quadratic equations, complex numbers.

Su, Au, Wi, Sp Qtrs. 4 cl. Prereq: 050 or satisfactory score on Ohio State Math Placement Test. Not open to students with credit for any math course except 050. Credit will not count toward graduation in any degree program.

### 104 Basic College Mathematics U 5

Systems of equations, arithmetic of polynomials, rational expressions, factoring, fractional equations, inequalities, exponents, quadratic equations, absolute values, functions, and graphs.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: 050 or satisfactory score on Ohio State Math Placement Test or permission of dept. Not open to students with credit for 130, or 148, or 150, or 151 or 151.xx. Credit may not count toward graduation in some degree programs.

### 105 Fundamental Mathematics Concepts for Teachers I U 5

Development of basic ideas of arithmetic, algebra and geometry as appropriate

for school teachers.

Su, Au, Wi Qtrs. 5 cl. Prereq: 075 or 076 or satisfactory score on Ohio State Math Placement Test.

### 106 Fundamental Mathematics Concepts for Teachers II U 5

Continuation of 105.

Wi, Sp Qtrs. 5 cl. Prereq: 105 or written permission of dept.

### 107 Topics in Mathematics for Elementary Teachers U 5

Further topics in mathematics selected by the instructors to broaden the mathematical perspectives of elementary teachers.

Au, Sp Qtrs. 5 cl. Prereq: 106 or written permission of dept.

### 116 Excursions in Mathematics U 5

Critical thinking and problem solving, with relevant topics met in everyday life; appropriate for non-physical sciences.

Su, Wi, Sp Qtrs. 5 cl. Prereq: 075 or 076 or 104 or satisfactory score on mathematics placement test. Not open to students with credit for 153 or 153.xx.

### 130 Mathematical Analysis for Business I U 4

Equations, inequalities, absolute value, polynomial functions, matrices, applications to business.

Su, Au, Wi, Sp Qtrs. 4 cl. Prereq: 104 or placement M or N on the OSU Math placement test, or written permission of department. Not open to students with credit for 150 or higher numbered mathematics course. This course is available for EM credit.

### 131 Mathematical Analysis for Business II U 4

Differential calculus, limits, definition of derivative, calculation of derivatives, curve sketching, applications.

Su, Au, Wi, Sp Qtrs. 4 cl. Prereq: 130 or 148 or 150 or Math Placement Course Code L. Not open to students with credit for 151 or 151.xx or higher.

### 132 Mathematical Analysis for Business III U 5

Integral calculus, indefinite integration, area and definite integrals, improper integrals, functions of several variables, maxima, minima.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: 131 or 151 or 151.xx. Not open to students with credit for 152 or 152.xx or higher.

### 148 Algebra and Trigonometry and Their Applications U 4

Applications from chemistry, physics and biology involving integer and rational exponents, solving and graphing linear and quadratic equations, systems of equations, trigonometry of acute angles, vectors and exponential equations.

Su, Au, Wi, Sp Qtrs. 4 cl. Prereq: 104 or satisfactory score on Ohio State Math Placement Test. Not open to students with credit for 150 or higher numbered mathematics course.

### 150 Elementary Functions U 5

Inverse functions, logarithmic, exponential and trigonometric functions, and their graphs; complex numbers.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: 148 or satisfactory score on Ohio State Math Placement Test or permission of dept. Not open to students with credit for 151, 151.xx, 161, 161.xx, 161H01, or H190. This course is available for EM credit.

### 151 Calculus and Analytic Geometry I

Limits, continuity, derivatives, Mean Value Theorem, extrema, curve sketching, related rates, differentiation of the trig, log, and exp functions.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: C- or better in 150 or satisfactory score on Ohio State Math Placement Test. Not open to students with credit for 151 or 151.xx or 152 or 152.xx or higher; use of the Freshman Forgiveness Rule is restricted by this exclusion. GEC math and logical analysis course. This course is available for EM credit.

#### 151.01 Calculus and Analytic Geometry I U 5

Standard course.

#### 151.02 Calculus and Analytic Geometry I U 5

Reformed calculus emphasizing applications and group work.

#### 151.03 Calculus and Analytic Geometry I U 5

Calculus for biosciences with emphasis on biologically oriented applications.

#### 151.04 Calculus and Analytic Geometry I U 5

Calculus using computer algebra system either in designated lab and/or remote computer hook-up.

### 152 Calculus and Analytic Geometry II

Integrals, area, fundamental theorems of calculus, logarithmic and exponential functions, trigonometric and inverse trigonometric functions, methods of integration, applications of integration, polar coordinates.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: C- or better in 141 or 151 or 151.xx. Not open to students with credit for 152 or 152.xx or 153 or 153.xx or higher; use of the Freshman Forgiveness Rule is restricted by this exclusion. GEC math and logical analysis course. This course is available for EM credit.

#### 152.01 Calculus and Analytic Geometry II U 5

Standard course.

#### 152.02 Calculus and Analytic Geometry II U 5

Reformed calculus emphasizing applications and group work.

### 152.03 Calculus and Analytic Geometry II U 5

Calculus for the biosciences emphasizing biologically oriented applications.

### 152.04 Calculus and Analytic Geometry II U 5

Calculus using computer algebra system either in designated lab and/or remote computer hook-up.

### 153 Calculus and Analytic Geometry III

Indeterminate forms, Taylor's formula, improper integrals, infinite series, parametric curves, and vectors in the plane; vectors, curves, and surfaces in space.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: C- or better in 152 or 152.xx or 161 or 161.xx or H161 or H161.xx. Not open to students with credit for 153 or 153.xx or 254 or 254.xx or higher; use of the Freshman Forgiveness Rule is restricted by this exclusion. This course is available for EM credit.

#### 153.01 Calculus and Analytic Geometry III U 5

Standard course.

#### 153.02 Calculus and Analytic Geometry III U 5

Reformed calculus emphasizing applications and group work.

#### 153.04 Calculus and Analytic Geometry III U 5

Calculus using computer algebra system either in designated lab and/or remote computer hook-up.

## Music

### 203 University Choirs

Au, Wi, Sp Qtrs.

#### 203.03 University Chorus U 1

Oratorio and large choral works are studied and performed.

3 or more hrs rehearsal each wk. Prereq: Admission by audition only. Repeatable to a maximum of 18 cr hrs. VPA Admis Cond course.

### 250 Music Cultures of the World U 5

A survey of musical cultures outside the Western European tradition of the fine arts.

Su, Au, Wi, Sp Qtrs. 5 cl. Not open to students with credit for 140. GEC arts and hums VPA and global focus course. VPA Admis Cond course.

### 251 The World of Classical Music U 5

An introduction to the world of classical music and to its genres, composers, styles, societies and historical periods.

Au, Wi, Sp Qtrs. 5 cl. H251 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open for credit to music majors. Not open to students with credit for 141. H251: Sp Qtr (offered on the regional campuses only). A musical background is not required. E251 may be offered for honors embedded experience. GEC arts and hums VPA and western (non-US) course. VPA Admis Cond course.

### 252 History of Rock and Roll U 5

The history and culture of rock and roll.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl., 1 1-hr lab. Not open to students with credit for 142. GEC arts and hums VPA course.

### 345 Topics in Music

Topic varies; study of selected topics in music.

Arr.

#### 345.01 Music History U 3-5

Topic varies; study of selected topics in the history of Western music.

H345.01 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq for 345.01: 141 or 251. Prereq for H345.01: 250 or 251 suggested. Repeatable to a maximum of 15 cr hrs. Not offered at the Columbus Campus. GEC arts and hums VPA course.

### 370 Music for Elementary Teachers U 3

Music literature and teaching aids for children, including singing, rhythmic, creative, and listening experiences, and their presentation.

Au, Wi, Sp Qtrs. 5 cl. Prereq: 270 and professional standing.

## Philosophy

### 101 Introduction to Philosophy U 5

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

H101 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC arts and hums cultures and ideas course.

### 130 Introduction to Ethics U 5

The nature of right and wrong, good and evil; the grounds of moral choice and decision; the resolution of moral conflicts.

H130 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC arts and hums cultures and ideas

course.

### 150 Introduction to Logic U 5

Deduction and induction; principles of clear statement and valid reasoning; fallacies; and the methods by which theories and laws are established.

Prereq: Math 075 or equiv. GEC math and logical analysis course.

## Physics

### 106 Physics by Inquiry: Properties of Matter U 5

Properties of matter and experimental physics for undergraduates contemplating a teaching career.

Wi Qtr. 2 3-hr cl. Not open to students with credit for 201. Intended for non-science majors, especially those interested in education. NS Admis Cond course. GEC phys sci course.

### 107 Physics by Inquiry: Electric Circuits U 5

Electric phenomena, electric circuits, and experimental physics for undergraduates contemplating a teaching career.

Sp Qtr. 2 3-hr cl. Not open to students with credit for 202. Intended for non-science majors, especially those interested in education. NS Admis Cond course. GEC phys sci course.

### 111 General Physics: Mechanics and Heat U 5

Su, Au, Wi, Sp Qtrs. 4 cl, 1 2-hr lab. Prereq: Eligibility for Math 150. This course is available for EM credit. NS Admis Cond course. GEC phys sci course.

### 593 Individual Studies U G 2-5

Independent reading, study, or laboratory work at an intermediate level.

Su, Au, Wi, Sp Qtrs. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs. This course is graded S/U.

### 699 Undergraduate Research in Physics U 1-15

Undergraduate research or creative activities in various topics.

Su, Au, Wi, Sp Qtrs. Arr. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs. This course is graded S/U.

### 801 Seminar in Physics G 1

Seminars will be conducted by various members of the staff on topics of current interest in their fields of specialization; students will participate in the presentation and discussion of material.

Su, Au, Wi, Sp Qtrs. Prereq: Acceptable specialized courses and permission of instructor. Repeatable to a maximum of 20 cr hrs. This course is graded S/U.

### 816 Topics in Physics G 3-6

Laboratory and/or theoretical work on an individual basis on topics of current interest.

Su, Au, Wi, Sp Qtrs. Prereq: 616 or equiv and permission of instructor. Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

### 999 Research in Physics G 1-18

Research for thesis or dissertation purposes only.

Su, Au, Wi, Sp Qtrs. Repeatable. This course is graded S/U.

## Political Science

### 101 Introduction to American Politics U 5

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

Su, Au, Wi, Sp Qtrs. 5 cl. H101 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 300. GEC soc sci organizations and politics course. SS Admis Cond course.

### 145 Global Politics U 5

Cooperation and conflict in world politics. Covers basic theories of international relations and key issues, including security, political economy, international organizations, and the environment.

Su, Au, Wi, Sp Qtrs. H145 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 105. GEC soc sci human, natural, and economic resources and global diversity course.

### 165 Introduction to Politics U 5

Introduction to politics and political science: power, democracy and authoritarianism, political participation, the state, political institutions, subfields of the discipline, and political research methodology.

Su, Au, Wi, Sp Qtrs. 5 cl. H165 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC soc sci organizations and politics course. SS Admis Cond course.

### 210 Introduction to Political Theory U 5

An introduction to the field of political theory through classic and contemporary

texts and selected case studies.

2 2-hr cl. H210 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC soc sci organizations and politics course. SS Admis Cond course.

### 520 The American Constitution and Governmental Powers U G 5

Assessment of the contemporary realities of U.S. governmental authority as interpreted by the judiciary; emphasis on judicial review, case and controversy requirements, and legislative and executive power.

5 cl. Not open to students with credit for 694 Sp Qtr 1979 or Sp Qtr 1980.

## Psychology

### 100 General Psychology U 5

Introductory psychology, a prerequisite to advanced courses; the application of the scientific method to behavior; topics include learning, motivation, perception, personality, physiological basis of behavior.

Su, Au, Wi, Sp Qtrs. 5 cl. H100 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. SS Admis Cond course. This course is available for EM credit. GEC soc sci individuals and groups course. GEC social diversity in US course. E100 may be available for honors embedded experience at the regional campuses.

### 120 The Psychology of Academic and Personal Effectiveness U 3

A survey of theories and practices designed to improve higher level skills in reading, perception, learning, and adjustments.

2 cl, 1 2-hr lab. Available at regional campuses only.

### 300 Research in Psychology: An Introduction U 4

An overview of issues, methods, and techniques of scientific psychological research.

Au, Wi, Sp Qtrs. Prereq: 100.

### 310 Basic Psychology: Perception U 4

Theory, methods, and physiological correlates of sensory and perceptual processes; emphasis on the relation of behavior to stimulus variation.

Prereq: 100, and 220 or 320 or Stat 145 or 245.

### 311 General Psychology: Motivation and Action U 3

A behavioristic presentation of experimental work on learning and motivation.

Prereq: 100; prereq or concur: 220 or 320, or Stat 145 or 245.

### 312 Learning, Memory, and Cognition U 4

An introduction to experimental study of human memory, learning, and cognition.

Au, Wi, Sp Qtrs. Prereq: 100; and 220 or 320, or Stat 145 or 245.

### 313 Behavioral Neuroscience U 5

Introduction to the structure and function of the nervous system in relation to behavior.

Au, Wi, Sp Qtrs. 4 cl. Prereq: 300.

### 331 Abnormal Psychology U 5

Examination of current theories and empirical findings regarding the major forms of psychopathology.

Su, Au, Wi, Sp Qtrs. Prereq for 331: 100. Prereq for H331: 100 and 3.2 CPHR, or permission of instructor. E331 may be available for honors embedded experience at the regional campuses.

### 335 Psychology of Adjustment U 4

Examination of psychological concepts and theories related to individual adjustment and adaptation.

Prereq: 100.

### 340 Introduction to Life Span Developmental Psychology U 5

A survey of developmental psychology including some phylogenetic perspective.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl. E340 may be available for honors embedded experience at the regional campuses.

### 367 Second Writing Course

Au, Wi, Sp Qtrs. Prereq: 100, English 110 or 111 or equiv, and soph standing or above. GEC second writing course.

#### 367.01 Social Psychology U 5

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

Not open to students with credit for 325.

### 375 Stereotyping and Prejudice U 4

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: 100. GEC social diversity course.

**376 Interpersonal Relationships U 5**

Surveys the scientific literature on interpersonal relationships, including family, friends, and romantic partnerships.

2 2-hr cl. Prereq: 100.

**485 Psychology and the Law U 4**

Contributions of psychological theories to the legal system and the role of mental health professionals in this system.

2 2-hr cl. Prereq: 100 or permission of instructor.

**503 Introduction to Cognitive Psychology U G 4**

A study of cognitive processes from an information processing perspective; including attention, memory, language representation, reasoning, problem solving, and others.

Prereq: 220 or 320 or 321, or Stat 145 or 245, and 310 or 312, or permission of instructor.

**530 Psychology of Personality U G 4**

Major theoretical and research orientations in the study of personality; consideration of psychological processes involved in the attribution of personality characteristics.

Su, Au, Wi, Sp Qtrs. 3 cl. Prereq: 100.

**543 Psychology of Women U G 5**

Exploration of the nature and causes of sex differences in behavior patterns and factors influencing development of women through psychological theory and research.

Prereq: 100.

**550 Psychology of Childhood U G 4**

Presentation of psychological aspects of growth and development in early and middle childhood.

Su, Au, Wi, Sp Qtrs. Prereq: 100.

**551 Adolescence U G 5**

An examination of the biological, psychological, and social aspects of normal adolescent development.

Su, Au, Wi, Sp Qtrs. Prereq: 100.

**552 Psychology of the Adult Years U G 3**

Theory and research related to adulthood as a sequence of psychological stages involving adjustment and coping behaviors; relationship of adulthood to other life-span stages.

Prereq: 100.

**571 Psychology of Developmental Disabilities U G 4**

Overview of developmental disabilities including causes, nature, and psychological characteristics; diagnosis and psychometric assessments; and behavioral, psycho-educational, and biological forms of prevention and intervention.

Arr 20-hr practicum at select off-campus sites involving active, hands-on experience. Prereq: 100 or permission of instructor.

**693 Individual Studies**

Individual reading or research projects by special agreement between instructor and student.

Su, Au, Wi, Sp Qtrs. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology.

**693.02 Counseling Psychology U G 1-15**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

**693.03 Developmental Psychology U G 1-15**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

**693.04 Human Experimental Psychology U G 1-15**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

**693.07 Social Psychology U G 1-15**

Repeatable to a maximum of 30 cr hrs. This course is graded S/U.

**699 Undergraduate Research in Psychology U 1-15**

Supervised, collaborative research in psychology.

Su, Au, Wi, Sp Qtrs. Arr. Prereq: 100 and permission of instructor. Repeatable to a maximum of 15 cr hrs. No more than 6 hrs (together with Psych 693.0x and Psych 489) may be counted toward psychology major requirements. This course is graded S/U.

## Social Work

**230 Individual Needs and Societal Responses U 5**

Introductory understanding of human needs, social values, ideologies, and institutional structures which have shaped the evaluation of social welfare programs in America.

Au, Wi, Sp Qtrs. 2 1.5-hr cl, 1 2-hr lab. Not open to students with credit for 220. BER/GEC/LAR course.

**300 Minority Perspectives: Race, Ethnicity, and Gender U 5**

Examination of the structure of human societies, cultures, and institutions, and the allocation of resources from the vantage point of oppressed minority populations.

Au, Wi, Sp Qtrs. 2 1.5-hr cl, 1 2-hr lab. Prereq: 10 cr hrs of course work in polit sc, psych, or social. Not open to students with credit for 600. GEC course.

## Sociology

**101 Introductory Sociology U 5**

Fundamental concepts of sociology and introduction to the analysis of social problems and social interactions, (e.g. wealth, gender, race inequality, family, crime) using sociological theories.

Su, Au, Wi, Sp Qtrs. H101 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for Rurl Soc 105 or equiv. GEC soc sci organizations and politics, and social diversity course. SS Admis Cond course.

**209 Introduction to Criminal Justice U 5**

Examination of the development and administration of criminal law and agencies (police, prosecutors, courts); emphasis on criminal proceedings and their justification.

**210 Sociological Aspects of Deviance U 5**

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, Wi, Sp Qtrs. GEC soc sci individuals and groups course. SS Admis Cond course.

**315 Sociology of Terrorism U 5**

Provides a broad review of the definitions, histories, types, and theories of terrorism from a sociological perspective.

**345 Contemporary American Society U 5**

An exposition of the structural patterns of American society, using sociological theories and data but integrating them into a general view.

H345 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC soc sci organizations and politics course.

**410 Criminology U 5**

The nature and causes of crime and delinquency, criminal liability, criminal careers, and organized racketeering.

H410 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor.

**430 Sociology of the Family U 5**

Analysis of relationships between the family and the larger society including mate selection, status of women, and patterns of husband-wife and parent-child relationships.

**435 Sociology of Women U 5**

Analysis of sex-roles and social structure with emphasis on modern social movements concerned with redefining sex-role relationships.

GEC social diversity course.

**487 Types of Sociological Inquiry U 5**

Introduction to sociological research techniques, methodological approaches, and relevant quantitative procedures.

Su, Au, Wi, Sp Qtrs. 2 1.5-hr cl, 2 1-hr labs. H487 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Criminol or fm&hu dv or int studies or social major, or social or criminol minor.

**488 Introduction to Sociological Theory U 5**

Introductory statement of the nature of sociological theory, its basic problems, assumptions, major types and orientations, and principal contributions to the discipline.

Su, Au, Wi, Sp Qtrs. Prereq: 5 cr hrs in sociol.

**549 Quantitative Research Methods in Sociology U G 5**

An introduction to the application and interpretation of quantitative analysis in sociological research; emphasis on the description of social variables and hypothesis testing.

Su, Au, Wi, Sp Qtrs. 2 1.5-hr cl and 2 1-hr labs. H549 offered Au Qtr. H549 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq for 549: 487. Prereq for H549: 487, Math 116 or equiv, and jr standing; or permission of instructor. GEC data analysis course.

## Spanish

**101 Elementary Spanish I**

Introduction to Spanish; development of listening, reading, speaking, and writing skills.

Su, Au, Wi, Sp Qtrs. 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 dept. GEC for lang courses. FL Admis Cond courses.

#### 101.01 Classroom Track U 5

Students must register for and complete 5 cr hrs during the qtr.

This course is available for EM credit.

### 102 Elementary Spanish II

Continued study of Spanish; development of listening, reading, speaking and writing skills.

Su, Au, Wi, Sp Qtrs. Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses. FL Admis Cond courses.

#### 102.01 Classroom Track U 5

Prereq: 101.01. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

#### 102.66 Intensive Spanish for Review I U 5

Intensive review of basic vocabulary, structures, and skills needed for entry into 103.01.

Prereq: 2 or more years of high school Spanish and placement at 101 level. Not open to native speakers of Spanish through regular course enrollment or EM credit, or to students with credit for 101.01 or 102.01.

### 103 Intermediate Spanish I

Continued study of Spanish; development of listening, reading, speaking, and writing skills; readings based on Spanish culture and literature.

Su, Au, Wi, Sp Qtrs. Not open to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses.

#### 103.01 Classroom Track U 5

Prereq: 102.01. Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 104 Intermediate Spanish II U 5

Reading of Spanish short stories, plays, and media with attention to literary appreciation; development of basic language skills.

Su, Au, Wi, Sp Qtrs. 5 cl. Prereq: 103.01 or 103.66 or equiv. Not open to native speakers of this language through regular course enrollment or EM credit; or to students with credit for 104. This course is available for EM credit. GEC for lang courses.

### 293 Individual Studies U 1-15

Su, Au, Wi, Sp Qtrs. Prereq: Written permission of dept. Repeatable to a maximum of 15 cr hrs. This course is graded S/U.

## Statistics

### 133 Statistics for the Business Sciences U 5

Introduction to basic concepts of descriptive statistics and probability; including graphical and numerical data summaries, properties of discrete and continuous probability distributions, and sampling distributions.

Su, Au, Wi, Sp Qtrs. 3 hr lecture; 2 1-hr recitations. Night version 3 hr lecture (1.5-hr twice/week) + 1 2-hr recitation. H133 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: Math 132 and CS&E 200.

### 135 Elementary Statistics U 5

Introduction to probability and statistics, experiments, and sampling, data analysis and interpretation.

Su, Au, Wi, Sp Qtrs. 3 1-hr cl, 2 labs. Prereq: Math 050 or Mathematics Placement Level S. Not open to students with credit for any of the following: 125, 145, 245, Econ 442, Ed-T&P 786, Mol Gen 650, Polit Sc 685, Psych 220 or 510, or Soc Work 570 or 571. GEC data analysis course.

### 145 Introduction to the Practice of Statistics U 5

Topics include probability, descriptive statistics, correlation, regression, design of experiments, sampling, estimation, and testing; emphasis on applications, statistical reasoning, and data analysis using statistical software.

Su, Au, Wi, Sp Qtrs. 3 1-hr cl, 2 labs. Prereq: Math placement level L or M, Math 116 or 130 or 148 or 150 or 151 or equiv. GEC data analysis course.

## Swahili

### 101 Elementary Swahili I

Development of basic listening, speaking, and reading skills using a competency-based curriculum.

Not open to students with credit for 101, or to native speakers of this language through regular course enrollment or EM credit, or to students with 3 or more years of study in this language in high school, except by permission of dept. GEC for lang courses. FL Admis Cond courses.

#### 101.01 Classroom Track U 5

Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 102 Elementary Swahili II

Continuation of 101; further work on basic listening, speaking, and reading skills using a competency-based curriculum.

Not open to students with credit for 102, or to native speakers of this language through regular course enrollment or EM credit. GEC for lang courses. FL Admis cond courses.

#### 102.01 Classroom Track U 5

Prereq: 101 or 101.01 or 5 cr hrs of 101.51.

Students must register for and complete 5 cr hrs during the qtr. This course is available for EM credit.

### 103 Intermediate Swahili I U 5

Further development of listening, reading, speaking, and writing skills; readings based on Swahili culture and literature.

5 cl. Prereq: 102 or 102.01 or 102.51. Not open to students with credit for AfAm&Ast 203; or to native speakers of this language through regular course enrollment or EM credit. GEC for lang course.

### 104 Intermediate Swahili II U 5

Balanced use of basic language skills; emphasis on speaking and aural comprehension; further exposure to Swahili culture through reading of current newspapers, short stories, plays, and novels.

5 cl. Prereq: 103 or equiv. Not open to students with credit for AfAm&Ast 204; or to native speakers of this language through regular course enrollment or EM credit. GEC for lang course.

## Theatre

### 100 Introduction to Theatre U 5

A study of the theatre with emphasis upon its cultural and social influences in our society.

Su, Au, Wi, Sp Qtrs. H100 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. GEC social diversity and arts and hums VPA course. VPA Admis Cond course. E100 may be available for honors embedded experience at the regional campuses.

### 161 Dance and Theatre, 1945 to the Present U 5

Survey of contemporary practices in western dance and theatre from 1945 to the present, with emphasis on major stylistic trends, multicultural influences, and principal artists and their works.

Su, Au, Wi, Sp Qtrs. 2 2-hr cl, 1 1-hr rec. Not open to students with credit for Arts Col 161 or Dance 161. Cross-listed in Dance. GEC arts and hums VPA course. VPA Admis Cond course.

### 271 Great Ages of the Theatre U 5

Concepts and characteristics of the great periods of the theatre of the western world.

Au, Wi, Sp Qtrs. Offered only on regional campuses. H271 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Prereq: English 110 or 111 or equiv. GEC arts and hums VPA course. VPA Admis Cond course.

### 367 Theatre Writing Courses

Study of theatre history at an intermediate level with emphasis on writing skills.

5 cl or 2 2.5-hr cl. Prereq: English 110 or 111 or equiv, and soph standing or above. GEC second writing and social diversity courses.

#### 367.01 Self Images: America on Stage, 1830 to the Present U 5

Exploration of the images of Americans presented on popular stages through written analysis of theatrical and critical texts.

Au, Wi, Sp Qtrs. H367.01 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 367.

#### 367.02 African American Theatre History U 5

Examination of the aesthetic and sociological evolution in America of African American theatre and its literature.

Au, Sp Qtrs. Not open to students with credit for AfAm&Ast 367.02. Cross-listed in African-American and African Studies.

## Undergraduate Student Academic Services

### 100 University Survey

Introduction to the University community; strategies for successful transition to and participation in that community; institutional context of academic programs; education and learning as life-long processes; University resources and procedures.

Su, Au, Wi, Sp Qtrs. 2 1-hr cl. Not open to students with credit for Agr 100, Arch 100, Arts Col 100, Arts&Sci 100, Bio Sci 100, Bus Adm 100, Engineer 100, Hum Col 100, MPS Col 100, Nursing 100, SBS Col 100, or Scholars 100.

H100 (honors) decimal subdivisions may be available to students enrolled in an honors program or by permission of college. Students schedule a section of University Survey corresponding to their curricular academic program.

**100.21 Exploration Survey U 1**

## Women's Studies

### **110 Women, Culture, and Society U 5**

Interdisciplinary analysis of women, culture, and society; topics include cultural images, socialization, media, sexuality, sexual orientation, work, family, politics, violence, inequality, and racial diversity.

Su, Au, Wi, Sp Qtrs. 5 cl or 2 2-hr cl. H110 (honors) may be available to students enrolled in an honors program or by permission of dept or instructor. Not open to students with credit for 101, 201, 202, or 210. GEC soc sci individuals and groups, and social diversity course.

### **230 Gender, Sexuality, and Race in Popular Culture U 5**

Explores how popular culture generates and articulates our understandings of gender and sexuality and their intersections with race and class.

Prereq: English 110. GEC arts and hums VPA course.