



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

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The Office of the University Registrar
Undergraduate Transfer Credit Course Numbers & Learning Outcomes

[General Education Communications Requirement](#)

[English Subsegment](#)

[Speech Subsegment](#)

[General Education Quantitative Science Requirement](#)

[Natural Sciences Subsegment](#)

[Health Sciences Subsegment](#)

[Mathematics Subsegment](#)

[General Education Humanities & Social Science Requirement](#)

[General Electives Requirement \(Commonly Accepted Include\)](#)

GENERAL EDUCATION COMMUNICATIONS REQUIREMENT

ENGLISH SUBSEGMENT

ENG1301, English Writing I

- a) Demonstrate knowledge of individual and collaborative writing processes.
- b) Develop ideas with appropriate support and attribution.
- c) Write in a style appropriate to audience and purpose.
- d) Read, reflect, and respond critically to a variety of texts.
- e) Use Edited American English in academic essays.

ENG1302, English Writing II

- a) Demonstrate knowledge of individual and collaborative research processes.
- b) Develop ideas and synthesize primary and secondary sources within focused academic arguments, including one or more research-based essays.
- c) Analyze, interpret, and evaluate a variety of texts for the ethical and logical uses of evidence.
- d) Write in a style that clearly communicates meaning, builds credibility, and inspires belief or action
- e) Apply the conventions of style manuals for specific academic disciplines (e.g., APA, CMS, MLA, etc.)

SPEECH SUBSEGMENT

SPCH1315, English Oral I

- a) Demonstrate an understanding of the foundational models of communication.
- b) Apply elements of audience analysis.
- c) Demonstrate ethical speaking and listening skills by analyzing presentations for evidence and logic.
- d) Research, develop and deliver extemporaneous speeches with effective verbal and nonverbal techniques.
- e) Demonstrate effective usage of technology when researching and/or presenting speeches.
- f) Identify how culture, ethnicity and gender influence communication.
- g) Develop proficiency in presenting a variety of speeches as an individual or group (e.g. narrative, informative or persuasive).

SPCH1311, English Oral II

- a) Apply the principles of human communication including perception, verbal communication, nonverbal communication, listening, and audience analysis.
- b) Demonstrate how to establish and maintain relationships through the use of interpersonal communication.
- c) Apply small group communication skills including problem solving, group roles, leadership styles, and cohesiveness.
- d) Develop, research, organize, and deliver formal public speeches.

- e) Recognize how to communicate within diverse environments.

GENERAL EDUCATION QUANTITATIVE SCIENCE REQUIREMENT NATURAL SCIENCES SUBSEGMENT

SCI1300, Natural Science

HEALTH SCIENCES SUBSEGMENT

HSCI1300, Health Science

MATHEMATICS SUBSEGMENT

MATH1314, Mathematics

- a) Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses.
- b) Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations.
- c) Apply graphing techniques.
- d) Evaluate all roots of higher degree polynomial and rational functions.
- e) Recognize, solve and apply systems of linear equations using matrices.

GENERAL EDUCATION HUMANITIES & SOCIAL SCIENCE REQUIREMENT

HUMA1300, Humanities

- a) Demonstrate awareness of the scope and variety of works in the arts and humanities.
- b) Articulate how these works express the values of the individual and society within an historical and social context.
- c) Articulate an informed personal response and critically analyze works in the arts and humanities.
- d) Demonstrate knowledge and understanding of the influence of literature, philosophy, and the arts on cultural experiences.
- e) Demonstrate an awareness of the creative process and why humans create.

SSCI1300, Social Sciences

GENERAL ELECTIVES REQUIREMENT (Commonly Accepted Include):

BUSI1300, Business

- a) Identify major business functions of accounting, finance, information systems, management, and marketing.
- b) Describe the relationships of social responsibility, ethics, and law in business.
- c) Explain forms of ownership, including their advantages and disadvantages.
- d) Identify and explain the domestic and international considerations for today's business environment: social, economic, legal, ethical, technological, competitive, and international.
- e) Identify and explain the role and effect of government on business.
- f) Describe the importance and effects of ethical practices in business and be able to analyze business situations to identify ethical dilemmas and ethical lapses.
- g) Describe basic financial statements and show how they reflect the activity and financial condition of a business.
- h) Explain the banking and financial systems, including the securities markets, business financing, and basic concepts of accounting.
- i) Explain integrity, ethics, and social responsibility as they relate to leadership and management.
- j) Explain the nature and functions of management.
- k) Identify strengths, weaknesses, opportunities, and threats of information technology for businesses.

COSC1300, Computer Science

- a) Describe the fundamentals of computing infrastructure components: hardware, application software, operating systems, and data communications systems.
- b) Delineate and discuss societal issues related to computing, including the guiding principles of professional and ethical behavior.
- c) Demonstrate the ability to create and use documents, spreadsheets, presentations and databases in order to communicate and store information as well as to support problem solving.
- d) Describe the need and ways to maintain security in a computing environment.

CRIJ1300, Criminal Justice

- a) Describe the history and philosophy of the American criminal justice system.
- b) Explain the nature and extent of crime in America.
- c) Analyze the impact and consequences of crime.
- d) Evaluate the development, concepts, and functions of law in the criminal justice system.
- e) Describe the structure of contemporary federal, state, and local justice agencies and processes.

ECON1300, Economics

- a) Explain the scarcity/choice problem existing throughout the world.
- b) Describe the economic system of the United States.
- c) Utilize the basic demand and supply model to predict the effects of different market forces on equilibrium price and quantity.
- d) Identify the four market structures and their effects on firm behavior.
- e) Explain the concept of market failure and the alternatives to market processes in resource allocations.
- f) Define and calculate gross domestic product, inflation rate, and unemployment rate.
- g) Use aggregate supply and aggregate demand to predict the effects of fiscal and monetary policy actions on output, unemployment, and inflation.
- h) Explain the benefits and costs of international trade and the role of international trade in the U.S. economy.

EDUC1300, Education

- a) Identify current issues influencing the field of education and teacher professional development.
- b) Analyze the culture of schooling and classrooms from the perspectives of language, gender, socioeconomic, ethnic, and disability-based academic diversity and equity.
- c) Provide examples from classroom observations and course activities that demonstrate understanding of educational pedagogy and professional responsibilities of teachers.
- d) Evaluate personal motivations, educational philosophies, and factors related to educational career decision making.
- e) Recognize the various multiple intelligences/learning styles in order to be able to implement instructional practices that meet the needs of all students.

GEOG1300, Geography

- a) Define and explain the geographic concept of “region.”
- b) Locate significant geographic features of regions of the world and describe their cultural, economic, political, and physical characteristics.
- c) Demonstrate knowledge of each region’s role in a globalizing world.
- d) Apply geographic concepts to understanding current events, conflicts, and issues in a regional context.

GEOL1300, Geology

- a) Explain the current theories concerning the origin of the Universe and of the Solar System.
- b) Explain the place of Earth in the Solar System and its relationships with other objects in the Solar System.
- c) Relate the origin and evolution of Earth’s internal structures to its resulting geologic systems, including Earth materials and plate tectonic activities.
- d) Explain the operation of Earth’s geologic systems and the interactions among the atmosphere, the geosphere, and the hydrosphere, including meteorology and oceanography.
- e) Explain the history of the Earth including the evolution of earth systems and life forms.

HUMS1300, Humanities

LANG1311, Language

MTHM1300, Mathematics

- a) Explain and model the arithmetic operations for whole numbers and integers.
- b) Explain and model computations with fractions, decimals, ratios, and percentages.
- c) Describe and demonstrate how factors, multiples, and prime numbers are used to solve problems.
- d) Apply problem-solving skills to numerical applications.
- e) Represent and describe relationships among sets using the appropriate mathematical terminology and notation.
- f) Compare and contrast structures of numeration systems.

PHIL1300, Philosophy

- a) Read, analyze, and critique philosophical texts.
- b) Demonstrate knowledge of key concepts, major arguments, problems, and terminology in philosophy.
- c) Present logically persuasive arguments both orally and in writing.
- d) Demonstrate critical thinking skills in evaluation and application of philosophical concepts to various aspects of life.
- e) Evaluate the personal and social responsibilities of living in a diverse world.

PHED1103, Physical Education

- a) Describe how the components of physical fitness impact health and wellness.
- b) Explain the influence of personal behaviors and personal responsibilities on the development, treatment, and prevention of hypokinetic diseases, infectious diseases, stress, and addiction.
- c) Analyze the relationship between physical activity, inactivity, and nutrition on weight and body composition.
- d) Plan, implement, and evaluate a personal fitness program.
- e) Develop an appreciation and positive attitude for a healthy lifestyle and the effects of global trends on physical activity.