NORTHWESTERN COLLEGE

UNDERGRADUATE ONLINE LEARNING

PSEO Courses

Undergraduate online learning courses are offered in independent study or online learning group formats. Internet access is required for all online courses. Courses are offered on a semester calendar basis. Students are expected to complete their courses in one semester.

Ancient & Classical Languages

ACL2001 Elementary Greek I .....4 cr
INDEPENDENT STUDY
The first course in a year-long sequence introducing elements of Classical and Koine Greek morphology, syntax, and vocabulary. Emphasis is on reading classical and New Testament Greek. Equivalent to ACL2009.

ACL2002 Elementary Greek II .....4 cr
INDEPENDENT STUDY
(**PQ**: ACL2001 or consent of instructor) The second course in a yearlong sequence introducing elements of Classical and Koine Greek morphology, syntax, and vocabulary. Continued emphasis on reading classical and New Testament Greek. Equivalent to ACL2019.

Art

ART1007 Art Appreciation .....3 cr
ONLINE LEARNING GROUP
An introductory study of art appreciation. The course covers art-related vocabulary, focused observation, historical context, and the elements and principles of design as an entry into discussion surrounding the meaning and purpose of visual imagery. Concepts emerge from the content areas of aesthetics, art history, and critical inquiry. Equivalent to ART1005 and ART1009

Business

ECO2201 Principles of Economics .....4 cr
ONLINE LEARNING GROUP
(PQ: sophomore standing or consent of instructor) An introduction to macroeconomic concepts including demand, supply, full employment, money, fiscal policy, and monetary policy. Economic history from Adam Smith through communism, socialism, and the expansion of capitalism is also studied. The role of public policy is investigated.

FIN3227 Trusts, Wills and Estates .....2 cr
ONLINE LEARNING GROUP
(**PQ:** ACC2101 [C or better], and MAT2035 or MAT2121) An advanced analysis of the various tools of estate planning, including trusts and wills.

MKT1086 Fundamentals of Marketing.....3 cr
ONLINE LEARNING GROUP
The structure, function, and behavior of marketing systems are discussed. Emphasis is placed on the impact of social and economic environments and on the process of the decision-making aspects of marketing. Equivalent to MKT1085.

English

ENG1105 Composition.....4 cr
ONLINE LEARNING GROUP
(**PQ**: ACT or PLAN English score of 19 or above, SAT Verbal score of 460 or above, PSAT Verbal score of 46 or above, or ENG0009 passed) A writing course designed to prepare students for college-level thinking and writing. Emphasis will be placed on the writing process, including editing skills. Equivalent to ENG1109.

ENG2205 Critical Thinking and Writing .....2 cr
ONLINE LEARNING GROUP
(**PQ**: ENG1105 or ENG1825, ECE passed, or consent of department chairperson) A writing course designed to improve students' skills in source analysis, critical thinking, and argumentation as they create a research paper. Students will develop skills in research by using reference materials, journals, and databases related to their disciplines. Equivalent to ENG2209.

General Studies

GST1015 Basic Computer Applications ..... 1 cr
ONLINE LEARNING GROUP
This class teaches basic computer literacy and introduces students to common desktop applications such as word processing, spreadsheets, Internet, and multimedia. Software specific to the course includes Microsoft Word, Excel, Internet Explorer, and PowerPoint. Skills gained in the course will provide a foundation for using these applications in other Northwestern courses.

Geography

GEO1005 Introduction to Geography..... 4 cr
INDEPENDENT STUDY
An introduction to the study of the interrelation of human and physical geography. Attention is directed to geographical concepts, maps, physical geography, population geography, cultural geography, political geography, agriculture and economic geography.

GEO1015 World Geography..... 4 cr
ONLINE LEARNING GROUP
An analysis of the global perspective of peoples and places in a political and economic geographical context. Topics include the study of the various geographical regions of the world with attention paid to the particular aspects of each region's peoples, cultures and economic development.

History

HIS1005 History of Western Civilization.....4 cr
INDEPENDENT STUDY
A study of world civilization with emphasis upon the development of Western cultural traditions from ancient to modern times. Special attention is given to the Bible as a historical document and to the concepts of institutional development and cultural diffusion. Emphasis is on the interaction of Western institutions and ideas with the forces of absolutism, enlightenment, revolution, industrialism, nationalism, liberalism, imperialism, Darwinism, and militarism. Equivalent to HIS1009.

HIS3115 Old Testament Archaeology.....2 cr
INDEPENDENT STUDY
(**PQ**: For traditional undergraduates only: HIS1005 or HIS1825 or concurrent enrollment, or consent of instructor) A survey of the methods and results of archaeology as applied to sites and topics of Old Testament significance. Special emphasis is placed upon the interpretative and apologetic uses of archaeology.

HIS3116 New Testament Archaeology 2 cr
INDEPENDENT STUDY
(**PQ**: For traditional undergraduates only: HIS1005 or HIS1825 or concurrent enrollment, or consent of instructor) A survey of the methods and results of archaeology as applied to sites and topics of New Testament significance. Special emphasis is placed upon the interpretative and apologetic uses of archaeology.

HIS3117 History of Ancient Israel.....4 cr
INDEPENDENT STUDY
(**PQ:** HIS1005 or consent of instructor) A survey of the political and cultural history of ancient Israel during the Old Testament period. Emphasis is given to understanding Israel within the broad context of the Near Eastern world.

HIS3125 History of the Christian Church from Apostolic Times to the Present.....4 cr
INDEPENDENT STUDY
(**PQ:** HIS1005 or consent of instructor) A study of the Christian church from apostolic times to the present. Emphasis is on the development of institutions, traditions, doctrine, ideas, expansion, the relationship of church and state, denominationalism and sectarianism and the interactions of the church with secular and intellectual movements.

Intercultural Studies

ICS2015 World Religions.....4 cr
INDEPENDENT STUDY
A survey of the beliefs and practices of the major religions of the world, including Animism, Buddhism, Confucianism, Hinduism, Judaism and Islam.

ICS3015 Race and Ethnicity in America .....4 cr
INDEPENDENT STUDY
Understanding the principles and processes which shape the patterns of relations between racial, ethnic, and cultural groups within a society. Examination and evaluation of various theories about the causes of prejudice, individual and institutional discrimination, racism and stereotyping. Emphasis placed on the biblical perspective about what causes them and ways to combat them. How to resolve conflict arising from the topics discussed using the Bible as a guideline.

Literature

LIT1100 Introduction to Literature.....4 cr
ONLINE LEARNING GROUP
A study of the literary genres of fiction, poetry, drama, and the novel. Emphasis is placed on literary conventions and textual analysis. Equivalent to LIT1109.

Mathematics

MAT1005 Mathematics for the Liberal Arts .....4 cr
INDEPENDENT STUDY
(**PQ**: ACT or PLAN Math score of 18–23, SAT Math score of 430–550, PSAT Math score of 43–55, or successful completion of MAT0008) A course designed for non-mathematics majors to expose students to the mathematics they will need to function in society. Topics include the development of problem-solving skills, the mathematics of finance, and the basics of probability and statistics. A student who has completed MAT1015 is not permitted to take MAT1005. Equivalent to MAT1009.

MAT1015 College Algebra ..... 4 cr
INDEPENDENT STUDY
(**PQ**: 2 years of high school mathematics and qualification by ACT or PLAN Math score of 18–23, SAT Math score of 430–550, PSAT Math score of 43–55, or consent of instructor) A thorough study of precalculus mathematics. Topics include a review of algebra and operations with real numbers, the study of equations and inequalities, functions and graphs, polynomials, exponential and logarithmic functions, and systems of equations. A student who has completed MAT1015 is not permitted to take MAT1005. MAT1015 is not intended to fulfill core curriculum requirements but is rather a prerequisite for additional mathematics courses, depending on program requirements.

MAT1126 Precalculus ..... 4 cr
INDEPENDENT STUDY
(**PQ:** "C–" or better in MAT1015, ACT or PLAN Math score of 24–27, SAT Math score of 560–620, or PSAT Math score of 56–62) A preparatory course intended for students who will take MAT2121 Calculus I. Topics include limits, functions (exponential, logarithmic, trigonometric), conic sections, polar coordinates, and other topics in analytical geometry.

MAT2121 Calculus and Analytic Geometry I ..... 4 cr
ONLINE LEARNING GROUP
(**PQ:** "C–" or better in MAT1126, ACT or PLAN Math score of 28 or above, SAT Math score of 630 or above, or PSAT Math score of 63 or above) The study of functions, limits, derivatives, applications of derivatives such as maxima/minima and related rates, antiderivatives, and definite integrals.

MAT2122 Calculus and Analytic Geometry II ..... 4 cr
ONLINE LEARNING GROUP
(**PQ:** "C–" or better in MAT2121) Continued study of calculus to include integration techniques, applications of definite integrals such as areas and volumes, conic sections, polar coordinates, series, sequences, power series, and hyperbolic functions.

Music

MUS1075 Introduction to Music.....2 cr
ONLINE LEARNING GROUP
A basic survey course designed to increase the interest and understanding of music as an art form.

Physical Education

PHE1065 Lifetime Fitness and Wellness.....1 cr
INDEPENDENT STUDY
This course is an introduction to fitness and health principles with an emphasis on physical activity, nutrition, weight management and health related fitness concepts. Students will have the opportunity assess their current levels of physical fitness, nutrition, and activity patters in order to develop a personalized health and fitness program. Students will be required to participate in a variety of physical fitness activities as well as the study of pertinent principles governing fitness.

Psychology

PSY1005 Introduction to Psychology.....4 cr
ONLINE LEARNING GROUP
A study of human behavior. Consideration is given to methodology and concepts in the areas of learning, motivation, emotions, perception, intelligence, and personality. Equivalent to PSY1009.

Science

BIO1025 Medical Terminology..... 2 cr
ONLINE LEARNING GROUP
A concise course that provides practice in the definition and use of medical terms. The course includes the analysis of words based on combining forms, prefixes, and suffixes. Intended to fulfill the admission requirement for Occupational Therapy, Physician Assistant, Nursing etc.; also benefits pre-medicine and pre-dentistry students.

CHE1006 Concepts of Chemistry & Lab ..... 4 cr
INDEPENDENT STUDY
(**PQ:** MAT1015 or one year of high school algebra [two years recommended]. NOT available to students who have received a grade of "C" or better in any college CHE course) A survey of chemistry and its applications, intended to promote understanding and literacy in the sciences in general and especially in the field of chemistry. Topics studied include the scientific method and its relationship to faith and reason; matter and energy; atomic and molecular structure; chemical bonding and intermolecular forces; chemical formulas and equations; water, acids, and bases; oxidation–reduction reactions; and chemistry around the house. *Students carry out the experiments at home using a small kit (purchased through the Campus Store) and readily available equipment, supplies, and chemicals. Students must reside in the USA or US Military overseas to register for this course.*

SCI2108 Concepts of Astronomy & Lab ..... 4 cr
INDEPENDENT STUDY
(**PQ:** ACT or PLAN Math score of 18 or above, SAT Math score of 430 or above, PSAT Math score of 43 or above, or consent of instructor) Fundamental concepts in astronomy. Topics covered will be selected from: the solar system, stellar objects, stellar systems, constellations, galaxies, and cosmology. There will be some exploration of the relationship between astronomy and the Christian faith. *Outdoor evening labs are required. Students must have access to binoculars or a telescope.*

Spanish

SPA1001 Beginning Spanish I.....4 cr
ONLINE LEARNING GROUP
An introduction to the Spanish language, its sounds, structures and vocabulary, and to the culture of the Hispanic world. Emphasis on the use of the present tense. Students make use of the online program MySpanishLab. SPA1001 is the first of a two-semester course sequence.

SPA1002 Beginning Spanish II.....4 cr
ONLINE LEARNING GROUP
(**PQ**: SPA1001 or consent of instructor) An introduction to the Spanish language, its sounds, structures and vocabulary, and to the culture of the Hispanic world. Emphasis on the use of the preterit and imperfect tenses and the distinction between the present indicative and subjunctive moods. Students make use of the online program MySpanishLab. SPA1002 is the second of a two-semester course sequence.

Speech

SPE1075 Public Speaking ..... 3 cr
INDEPENDENT STUDY
An introductory study and analysis of basic principles of effective communication with emphasis on public address, interpersonal, and group communication. Class activities provide opportunities to develop skills in speech preparation and delivery, interpersonal, and group communication. Equivalent to SPE1079.