



UNIVERSITY OF NORTHWESTERN ST. PAUL

UNDERGRADUATE PATHWAYS

Early College Courses: Alpha Omega Academy

Courses offered online through Undergraduate Pathways 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 I4 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 II4 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.

Anthropology

ANT2045 Cultural Anthropology4 cr ONLINE LEARNING GROUP (Starting Fall 2014)

A study of selected individual societies ranging from bands to states, representing a wide range of geographical environments. Students make an in-depth study of one particular society. Equivalent to ANT2049.

Art

ART1007 Art Appreciation3 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

Biology

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.

Bible

BIB1001 Old Testament History and Literature 4 cr ONLINE LEARNING GROUP

A synthetic study of the purpose and message of the Old Testament and how each part of the testament contributes to the whole. All 39 books are examined: their authorship, date, historical setting, message, literary structure, and distinctives. Credit for BIB1001 may be counted toward/for BIB1009.

BIB1002 New Testament History and Literature 2 cr ONLINE LEARNING GROUP

A synthetic study of the purpose and message of the New Testament and how each part of the testament contributes to the whole. All 27 books are examined: their authorship, date, historical setting, message, literary structure, and distinctives. Equivalent to BIB1019.

BIB1005 Progress of Redemption 2 cr ONLINE LEARNING GROUP

(Starting Fall 2014)

A preview of the Bible with a focus upon God's progressive revelation of himself in history—creation, fall, and re-creation of all things in Christ as revealed in the Old and New Testaments.

BIB2216 Mark..... 2 cr INDEPENDENT STUDY

(PQ: BIA2115 or consent from instructor) An exposition of the Gospel of Mark, examining the authorship, date, setting, argument, and theology of the book.

BIB2217 Luke.....4 cr INDEPENDENT STUDY

(PQ: BIA2115 or consent from instructor) An exposition of the Gospel of Luke, examining the authorship, date, setting, argument, and theology of the book.

BIB2220 Life of Christ2 cr ONLINE LEARNING GROUP

(PQ: BIA2115 or consent from instructor) A study of the life and teachings of Jesus as found in the four gospels within their historical context. This course does **not** meet the requirement for BIB2229.

Biblical Arts

BIA1005 Spiritual Formation.....2 cr ONLINE LEARNING GROUP

This course explores spiritual formation by examining the Scriptures, historic spiritual practices of the Christian faith, and contemporary Christian writings. In doing so, the course provides a foundation for growth in personal discipleship through intellectual engagement and practical application.

BIA2025 Biblical Worldview: Community and Culture.....4 cr ONLINE LEARNING GROUP

(PQ: BIA1005 or BIA1825) A study of the personal involvement of the Christian at home and abroad, including cultural engagement, personal evangelism, and world missions. Discusses the biblical lens through which the Christian should understand and relate to community and culture, and examines spiritual preparation for such engagement as well as goals and methodology.

BIA2115 Principles of Biblical Interpretation.....2 cr
INDEPENDENT STUDY

BIA2115 is a prerequisite for all 2000 & 3000 level BIB–prefix courses. An introduction to direct, inductive Bible study skills and interpretative principles so that students can develop a method of personal Bible study. Equivalent to BIA2119.

Chemistry

CHE1006 Concepts of Chemistry & Lab 4 cr
ONLINE LEARNING GROUP

(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.*

Chinese

CHN1001 Beginning Chinese I4 cr
ONLINE LEARNING GROUP

(Headset/Microphone/Webcam Required)

An introduction to the Chinese language and culture. Practice in listening, speaking, reading, and writing. Emphasis on the development of communicative skills; individual expression within structured groups. No previous study of Chinese required.

CHN1002 Beginning Chinese II4 cr
ONLINE LEARNING GROUP

(Headset/Microphone/Webcam Required)

(PQ: CHN1001) The second of a two-course sequence. A continuation of the study of Chinese language and culture. Practice in listening, speaking, reading, and writing. Continued emphasis on the development of communicative skills; individual expression within structured groups.

Economics

ECO2201 Principles of Economics I4 cr
ONLINE LEARNING GROUP

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.

English

ENG1105 Composition4 cr
ONLINE LEARNING GROUP

(PQ: ACT or PLAN English score of 19, SAT Verbal score of 460, PSAT Verbal score of 46, 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 Writing2 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.

GST1035 Discovering Majors1 cr
ONLINE LEARNING GROUP

(Available for students with freshman or sophomore standing) This experientially based course is recommended for students who are undecided about an academic major and who are motivated to explore options. Students will explore both the concept of a college major and the content within the major to understand how majors relate to careers. Students will learn about major/career decision making strategies, research and evaluate majors they are considering and rank their major choices based on what they have learned. Finally, students will critically reflect on their decision making process and create an action plan for further exploration.

Geography

GEO1005 Introduction to Geography..... 4 cr
ONLINE LEARNING GROUP

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.

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.

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.

LIT2118 Multiethnic American Literature4 cr
ONLINE LEARNING GROUP
(Starting Fall 2014)

A study of literature from various cultures in America, such as African American, Native American, Hispanic, Asian, and others.

LIT2805 Topics: Irish Literature3 cr
ONLINE LEARNING GROUP

The course will survey Irish literature from early Celtic myth cycles through contemporary Irish authors. There will be a particular focus on 19th and 20th century Irish literature, including dramas and poetry of Irish Renaissance. The themes of cultural conflict, national identity, and reconciliation will be explored through a variety of fiction and non-fiction selections.

Marketing

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.

Mathematics

MAT1005 Mathematics for the Liberal Arts4 cr
INDEPENDENT STUDY

(PQ: ACT or PLAN Math score of 18, SAT Math score of 430, PSAT Math score of 43, 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.

MAT1126 Precalculus 4 cr
ONLINE LEARNING GROUP

(PQ: ACT or PLAN Math score of 24, SAT Math score of 560, or PSAT Math score of 56) A preparatory course intended for students who will take MAT2121 Calculus & Analytic Geometry I. Topics include a short review of algebra, linear regression, applied math problems including exponential and logarithmic models, trigonometry, conic sections, polar coordinates, linear and non-linear systems of equations, and complex variables.

MAT2121 Calculus and Analytic Geometry I 4 cr
ONLINE LEARNING GROUP

(PQ: "C-" in MAT1126, ACT or PLAN Math score of 28, SAT Math score of 630, or PSAT Math score of 63) 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-" 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.

Ministry

MIN1005 Introduction to Ministry.....2 cr
ONLINE LEARNING GROUP
(Headset/Microphone Recommended)

This course is designed to introduce the student to ministry. The student connects with a local ministry while learning about his/her unique giftedness and ability to serve God. The student will learn about the purposes of the church, wrestle with the cultural influences on ministry, and begin to explore God's call on their lives.

Music - General

MUS1075 Introduction to Music.....2 cr
ONLINE LEARNING GROUP
(Headset Recommended)

A basic survey course designed to increase the interest and understanding of music as an art form.

Philosophy

PHI2005 Introduction to Philosophy4 cr
ONLINE LEARNING GROUP
(Headset/Microphone Recommended)

A survey of Western philosophy: history, systems, problems, methods, ethics, and leading figures. Equivalent to PHI2009.

PHI2016 Ethics.....4 cr
ONLINE LEARNING GROUP

A comparative introduction to normative social theory. An examination and critique of alternative grounds for claiming that an action, attitude, social rule, or social institution is morally right or wrong.

PHI2055 Introduction to Theological Philosophy2 cr
ONLINE LEARNING GROUP
(Starting Fall 2014)

This course explores the implications of the biblical doctrines of creation, fall, redemption, and providence for the academic study of philosophy. It stresses the Christocentric nature of the world in which we live, the relationship between the inclination of the heart and the human ability to know, and the utter dependence of the created order upon the providential activity of the Creator from one moment to the next. Particular attention will be given to topics such as the Creator/creature distinction, the noetic effects of sin and regeneration, the inherently theological nature of all knowledge, and the relationship between general and special revelation.

Physical Education Activity Courses

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 patterns 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.

PHE1066 Fitness and Health for Life 2 cr
INDEPENDENT STUDY
(Starting Fall 2014)

Health and Fitness for Life is a course designed to motivate and enable students to improve their knowledge and application of lifelong and optimal fitness and health. Students will learn how to assess themselves in the fitness areas of cardiovascular, body composition, muscular strength and endurance, and flexibility within the FITT formula. This course will also cover topics such as body image, weight control, nutrition, emotional health, sleep habits, and personal relationships as they affect the vigor and vitality that is needed to function physically, psychologically and socially.

Political Science

POS2005 U.S. National Government 4 cr
ONLINE LEARNING GROUP
(Starting Fall 2014)

The study of the structure and processes of American national government and its political processes and institutions. Particular attention is paid to constitutionalism, federalism, the presidency, the Congress, the Judiciary, bureaucracy, interest groups, and policy formation.

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.

PSY2108 Lifespan Psychology 4 cr
ONLINE LEARNING GROUP

(PQ: PSY1005 for Psychology majors or consent of instructor) A study of the nature and implications of development from conception through death. Emphasis is upon cognitive, moral, spiritual, emotional, interpersonal, and self development. Topics to be addressed include: stages of development from birth through adolescence; maturation during the college years; critical periods of adulthood, marriage, and parenting; ageism and physiological processes of aging; death and dying.

Science - General

SCI1010 Environmental Science & Lab 4 cr
ONLINE LEARNING GROUP
(Headset/Microphone Recommended)

Principles of the interrelationship between organisms and their environment. Discussion of issues including air and water pollution, waste disposal, population growth, resource management, public policy, ethics, and wise stewardship of the Earth. Credit for SCI1010 may be counted toward/for SCI1029.

SCI2108 Concepts of Astronomy & Lab 4 cr
ONLINE LEARNING GROUP

(Binoculars/Telescope Required)

(PQ: ACT or PLAN Math score of 18, SAT Math score of 430, PSAT Math score of 43, 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.*

Sociology

SOC1035 Introduction to Sociology 4 cr
ONLINE LEARNING GROUP
(Starting Fall 2014)

A study of social organization, processes, and control. Consideration is given to methodology and concepts in the areas of role and status, social and cultural change, deviancy and disorganization, urbanization and minority groups, and primary groups and socialization. Equivalent to SOC1039.

Spanish

SPA1001 Beginning Spanish I 4 cr
ONLINE LEARNING GROUP
(Headset/Microphone Required)

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
(Headset/Microphone Required)

(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
ONLINE LEARNING GROUP
(Headset/Microphone Recommended)

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.

Theatre

THE1055 Introduction to Theatre 2 cr
ONLINE LEARNING GROUP
(Starting Fall 2014)

The experience and nature of theatre art and functions of the audience, actor, director, designer, and playwright in contemporary drama.