UNIVERSITY OF NORTHWESTERN
ST. PAUL
UNDERGRADUATE PATHWAYS

Online Courses

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 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.

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.

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
ONLINE LEARNING GROUP
(**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 Christ ..... 2 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.

BIB3215 Romans and Galatians..... 4 cr
ONLINE LEARNING GROUP
(**PQ**: BIA2115 or consent from instructor) An exposition of two of the Apostle Paul's principle letters with a focus upon the Gospel as it relates to the Mosaic Law. Paul's use of the Old Testament takes a prominent place in the study.

BIB3235 Genesis ..... 4 cr
INDEPENDENT STUDY
(**PQ**: BIA2115 or consent from instructor) An expositional examination of Genesis: its structure, historical background, message, and themes. Study of the book's argument and theology addresses topics such as creation, sin, humanity, law, and covenant.

BIB3238 Daniel ..... 2 cr
INDEPENDENT STUDY
(**PQ**: BIA2115 or consent from instructor) An exposition of the book of Daniel, including its authorship, date, historical setting, literary genre, prophetic message and authenticity.

BIB4360 Christian Theology ..... 4 cr
ONLINE LEARNING GROUP
(**PQ:** Junior standing or consent of instructor) Foundational Christian beliefs studied systematically: the Trinitarian God, God's revelation, His creatures (angels and human beings), God's redemptive work (sin, salvation, and Israel and the church) and the consummation of all things.

BIB4460 Studies in Biblical Theology ..... 2 cr
INDEPENDENT STUDY
(**PQ:** BIB4360 or BIB4825, and BIA2115 or MIN2115 or BIA2825, or consent of instructor) An introduction to the nature and method of biblical theology and its unique place within biblical exposition and Christian theology. Enables the student to more effectively preach and teach the Bible within the life and mission of the Church.

BIB4835 Seminar in Theological Method ..... 4 cr
ONLINE LEARNING GROUP
(**PQ:** BIB4360 or BIB4825, and BIB4460, and SPE1075 or SPE1825; or consent of instructor) An integration of the historical, methodological, and hermeneutical aspects of theology as well as a survey of its various methods and trends, enabling the student to begin constructing his/her own theological methods for doing systematic theology within the life and mission of the Church.

Biblical Arts

BIA1005 Biblical Worldview: Personal Responsibility.....2 cr
ONLINE LEARNING GROUP
A study in practical application of Scripture to basic spirituality issues: the gospel, integrity, Christian disciplines, worldview, and Christian character and witness in a secular society. Equivalent to BIA1009.

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.

BIA2125 Evangelism and Missions.....2 cr
INDEPENDENT STUDY
A study in personal evangelism and world missions: the biblical foundation, spiritual preparation, methods, and personal involvement of the Christian at home and abroad. This course will not apply to degree requirements if BIA2025 is successfully completed. Equivalent to BIA2129.

BIA3215 Advanced Biblical Interpretation .....2 cr
INDEPENDENT STUDY
(**PQ:** BIA2115 and ENG2205) A study of the art and science of biblical interpretation, emphasizing the application of critical methods to biblical passages.

BIA3235 Second Temple Judaism..... 4 cr
INDEPENDENT STUDY
A study of Jewish civilization from 538 B.C. to A.D. 135 as an aid to understanding both the formation of the Old Testament and the rise of Christianity. Primary emphasis is on political and social history, with considerable attention to the literary materials of the period.

BIA3236 Biblical Customs and Geography..... 4 cr
ONLINE LEARNING GROUP
A study of the geography of the Fertile Crescent with special emphasis on Israel and Judah. Selected customs of the ancient Hebrews and surrounding peoples are studied for the light that they shed on Scripture.

BIA4345 Biblical Worldview Capstone: Christian Thought.....4 cr
ONLINE LEARNING GROUP
As an integrating study of the rationality of the Christian worldview, this course takes a philosophical approach to Christian apologetics and covers such topics as the existence of God, the reliability of Scripture, miracles, the problem of evil, science and the Bible and secular ideologies. Both biblical and philosophical answers are explored.

Business

ECO2201 Principles of Economics I..... 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.

Chinese

CHN1001 Beginning Chinese I ..... 4 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 II ..... 4 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.

English

ENG1105 Composition ..... 4 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 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.

English as a Second Language

ESL3315 Theory of Second Language Acquisition .....4 cr
ONLINE LEARNING GROUP
(PQ: LIN2226) Study of current research and theories in second language acquisition. Examination of second language learning process and variables that affect second language acquisition.

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.

GST1025 The Impact of Culture in the U.S.: Exploring Behavior, Language and Transition in College Life .....1 cr
ONLINE LEARNING GROUP
This course will use experiential techniques to expose students to a variety of learning paradigms that address best practices that align with a successful college life in the U.S. The course will focus on the adjustments students make upon entering college campuses in the U.S., and the strategies that support college success. The course will use a wrap-around approach to offer personalized interventions leading to a successful college experience. Students are expected to use this information to develop, and at the end of the course, present a personalized portfolio outlining strategies for continued success in meeting the academic rigor of college life. Note: This course is designated as repeatable and may be repeated six times for credit after the original taking of the course.

GST1035 Discovering Majors .....1 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.

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.

ICS3215 Contemporary Religious Movements..... 2 cr
INDEPENDENT STUDY
A study of contemporary religious movements (19th–21st centuries), examining and evaluating their beliefs through a biblical grid.

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.

LIT2805 Irish Literature.....3 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.

Mathematics

MAT1005 Mathematics for the Liberal Arts .....4 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.

MAT1015 College Algebra ..... 4 cr
ONLINE LEARNING GROUP
(**PQ**: ACT or PLAN Math score of 18, SAT Math score of 430, PSAT Math score of 43, 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
ONLINE LEARNING GROUP
(**PQ:** "C–" in MAT1015, 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 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–" 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.

MIN3231 Introduction to Biblical Counseling ..... 4 cr
INDEPENDENT STUDY
A study of the typical counseling situations which are faced in the Christian education and youth ministry setting. Emphasis is on methods and techniques for counseling people in crisis from all age groups. Guidance is given in the counseling of lay leadership, families in crisis, and the handling of abuse cases. Consideration is given to the legal, ethical and practical implications of counseling.

Music

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 Philosophy..... 4 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.

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.

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

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
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.*

SCI2108 Concepts of Astronomy & Lab ..... 4 cr
ONLINE LEARNING GROUP
(**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. Students must have access to binoculars or a telescope.*

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.