

# UNDERGRADUATE CURRICULUM AND DEGREE AND CERTIFICATE REQUIREMENTS

## University Learning Outcomes

The University Assessment Committee has articulated six university-level outcomes (<http://catalog.creighton.edu/general-information-about-creighton/mission-learning-outcomes-goals-objectives/>) that are common to all undergraduate, graduate, and professional student experience.

## Undergraduate Degree Requirements

Knowledge and completion of all degree requirements is the responsibility of the student. To assist, Creighton provides advisor assistance and on-line degree evaluations.

The following degree requirements are required for a bachelor's degree:

- Minimum of 128 semester credit hours
  - minimum of 48 semester credit hours earned at Creighton, including the final 32
  - minimum of 48 semester credit hours in courses numbered 300 or above
  - minimum semester credit hours earned at Creighton in the major, as follows:
    - College of Arts and Sciences: minimum of 15
    - Heider College of Business: minimum of 15-18
    - College of Nursing: minimum of 20
    - College of Professional and Continuing Education: minimum of 15
  - Cumulative grade point average of 2.00
  - Completion of Magis Common Core Curriculum (see below) and applicable Magis College Core Curriculum (consult the respective College page)
  - Completion of major requirements
  - Submit application for graduation

## Undergraduate Certificate Requirements

Persons who may not initially want to follow a bachelor's degree program may enroll in one of the undergraduate certificate programs. Those without prior college work may elect to complete a certificate program first and have the option of continuing with the complete degree program. (Courses required in most of the certificate programs meet some of the major requirements in the degree programs.) Others who have previously completed a

Bachelor's degree may want to enroll in a certificate program for personal enrichment or in order to show a concentration in another area of study.

Undergraduate certificate programs are offered in the College of Arts and Sciences, Heider College of Business, and College of Professional and Continuing Education.

A minimum GPA of 2.00 is required to earn an undergraduate certificate. A grade of "C" or better is needed in all courses to count toward

the certificate. No course may be taken Pass/No Pass. All course requirements will be taken at Creighton, as transfer credit is not allowed for certificate programs.

Individuals who want to enroll in a certificate program should complete an Application for Admission or current students may consult their Dean's Office.

## Magis Common Core Curriculum

*Note: The Magis Core Curriculum applies to students matriculating as an undergraduate degree-seeking student, Fall 2014 and after.*

The Magis Core Curriculum serves as the cornerstone of Creighton University education, laying a shared foundation for all undergraduate students in order to shape responsible citizens of the global community. In the Jesuit tradition, Magis is "the more", aspiring toward excellence. As Catholic, the Magis Core Curriculum provides a framework to challenge students to pursue truth in all forms through the living tradition of the Catholic Church. As Jesuit, the Magis Core Curriculum is deeply rooted in Ignatian values and the Jesuit intellectual tradition, engaging students through intimate learning communities in critical dialogue about the ultimate questions of life.

The components that constitute the Magis Core Curriculum are intentionally selected to provide a congruous liberal educational experience for all undergraduate students. Students across all colleges interact, challenge ideas, and gain a deeper appreciation for diverse perspectives and experiences, thus promoting a culture of inquiry and mutual respect. A variety of course delivery methods, including distance education, are designed to foster student engagement. The Magis Core Curriculum promotes students' ethical reasoning and critical thinking, and prepares students to respond to life's challenges with discerning intelligence and thoughtful reflection. Committed to the inherent worth and dignity of each person, students gain an appreciation of ethnic and cultural diversity in all its forms, and develop a commitment to exploration of transcendent values and the promotion of justice.

The Magis Core Curriculum is organized into four levels, with various Components in each level. Each College may designate additional College Core Components. Students must earn the designated number of credits in each Common Core and College Core categories using approved courses. Only courses successfully completed with credit earned from a passing grade may fulfill the required coursework.

*The most up-to-date list of courses that satisfy each Foundations, Explorations, Integrations or Designated Course requirement of the Magis Core Curriculum is available in the Course List for that level of the Magis Core Curriculum, linked above.*

Foundations	Explorations	Integrations	Designated Courses (1 course each)
Contemporary Composition (3 credits)	Understanding Natural Science (2 credits)	Intersections (3 credits)	Designated Ethics
Critical Issues in Human Inquiry (3 credits)	Understanding Social Science (3 credits)		Designated Oral Communications
Oral Communication (1 credit)	Global Perspectives in History (3 credits)		Designated Written Communication

Mathematical Reasoning (2 credits)	Literature (3 credits)	Designated Statistical Reasoning
Philosophical Ideas (3 credits)	Ethics (3 credits)	Designated Technology
The Christian Tradition (3 credits)	The Biblical Tradition (3 credits)	

## Foundations

The Foundations components are foundational in several ways. First, they insure that students have foundational skills in self-expression, that is, in writing and in speaking. Second, students are introduced to three domains of critical thinking that have, from the beginning of the Jesuit educational tradition, been seen as foundational: (a) thinking critically about human experience through the study of history and literature; (b) thinking critically about religion through the study of theology; and (c) thinking critically about thinking itself through the study of philosophy. The Foundations components should normally be completed within the first year of undergraduate study.

### Contemporary Composition (3 credits)

This component introduces students to the essentials of academic writing. While themed around specific topics (see examples below), all courses will present the theory and the practice of rhetoric and composition, teaching students how to construct well-organized and well-supported arguments. PREREQUISITE: None. Consult the Foundations Course List (p. 4) for a complete list of Contemporary Composition courses.

### Critical Issues in Human Inquiry (3 credits)

This multi-disciplinary component of the first-year experience will introduce students to significant questions in humanistic scholarship through a high-impact educational experience. Critical Issues in Human Inquiry courses emphasize critical and creative thinking, written and oral communication, and engagement with diversity and social justice. COREQUISITE: Oral Communication. Consult the Foundations Course List (p. 4) for a complete list of Critical Issues in Human Inquiry courses.

### Oral Communication (1 credit)

The Oral Communication component introduces the subject matter of how to give a speech and lays the foundation on which students can then build a speaking competency. Argument construction (and fallacies), speech organization, verbal and visual support, use of technology, delivery, audience analysis, topic selection, research, information literacy and *eloquentia perfecta* would all be covered. Students will deliver speeches in their Critical Issues in Human Inquiry course based on what they have learned in their Oral Communication course. COREQUISITE: Critical Issues in Human Inquiry course. Consult the Foundations Course List (p. 4) for a complete list of Oral Communication courses.

### Mathematical Reasoning (2 credits)

The Mathematical Reasoning component is (1) problem-based in that it explicitly discusses real-world applications of mathematics relevant to students in business, nursing, the humanities, social sciences, or natural sciences, depending on the intended audience; and (2) focuses on communicating mathematically in myriad forms. PREREQUISITE: None.

Consult the Foundations Course List (p. 4) for a complete list of Mathematical Reasoning courses.

### Philosophical Ideas (3 credits)

The Philosophical Ideas component explores philosophical ideas about the nature of reality, the scope of human knowledge, and the nature of a good human life through the study of primary philosophical texts. Students will study the theories and concepts that philosophers of the Western tradition have used to explore such ideas. The course will culminate in students' developing and defending their own answers to some of the philosophical questions explored in the course. PREREQUISITE: None. Consult the Foundations Course List (p. 4) for a complete list of Philosophical Ideas courses.

### The Christian Tradition (3 credits)

The Christian Tradition component gives students a first taste of the lively, complex, and often tumultuous ways that Christians have, over the centuries, sought to bring critical reason to the understanding of their faith. It surveys the major teachings, history, practices, and personalities of the Christian tradition; it sets these out within a balanced account of the three principal traditions of contemporary Christianity (Orthodox, Catholic, Protestant). PREREQUISITE: None. Consult the Foundations Course List (p. 4) for a complete list of The Christian Tradition courses.

## Explorations

The life of the mind requires exploring, and at this level, students are asked to begin exploring widely. The genius of the university is its wide-ranging and enormously sophisticated array of disciplines. In this phase of study, students begin to explore that array, its vast and varied approaches to the profound reaches of human knowledge. All students have certain intellectual strengths that feel natural to them. All too often, students can be reluctant to explore more widely, to move outside their comfort zones. This level of exploration will push students to discover new domains and to uncover their own often hidden capabilities. The Explorations components should normally be completed within the first three years of undergraduate study.

### Ethics (3 credits)

An essential first step toward helping students to become men and women for others in order to create a better, more just world is the critical study of various fundamental philosophical or theological theories about the nature and sources of moral obligation, moral virtue, justice, wisdom, and a good human life. The Ethics component involves both the study of fundamental moral theories and the use of those theories in complex practical situations. PREREQUISITE: Philosophical Ideas course. Consult the Explorations Course List (p. 5) for a complete list of Ethics courses.

### Global Perspectives in History (3 credits)

The Global Perspectives in History component will introduce students to the distinctive disciplinary methods of historical inquiry with the intention of guiding them toward the ability to explain how significant historical developments have shaped human societies and cultures. Global Perspectives in History courses will offer a broad view of the past that supports an examination of change and continuity over a significant period of time; link particular regions with larger chronological and geographical trends in history; and analyze a combination of relevant thematic concerns such as race, gender, nation, politics, and economy. PREREQUISITE: Critical Issues in Human Inquiry course. Consult the Explorations Course List (p. 5) for a complete list of Global Perspectives in History courses.

## Literature (3 credits)

Through an in-depth look at a specific period, form or theme in literature, the Literature component will examine how imaginative language represents and shapes the richness of what it means to be human. Attention will be paid to the transformative power of the human imagination and the role of the imagination in how we understand and explain our world. PREREQUISITE: Critical Issues in Human Inquiry course. Consult the Explorations Course List (p. 5) for a complete list of Literature courses.

## The Biblical Tradition (3 credits)

The Biblical Tradition component introduces students to the Bible, the Old and New Testaments, through the discipline of Biblical Studies. It examines the central narratives of the Bible, but its unique emphasis is on introducing students to the sophisticated historical, social-contextual, and critical methodologies that shape any contemporary interpretation of the Bible. PREREQUISITE: The Christian Tradition course. Consult the Explorations Course List (p. 5) for a complete list of The Biblical Tradition courses.

## Understanding Natural Science (2 credits)

The Understanding Natural Science component helps students to understand the nature of science, the strengths and limitations of the scientific approach, the differences between science and other ways of understanding the world, the key role of science in technological developments and *vice versa*, and the mutual influence of science and society on each other. PREREQUISITE: None. Consult the Explorations Course List (p. 5) for a complete list of Understanding Natural Science courses.

## Understanding Social Science (3 credits)

The Understanding Social Science component introduces students to social science through courses that begin with an overview of what it means to “understand social science” as the study of society and human nature using theories and quantitative or qualitative analysis of data, and then present in detail fundamental concepts and theories from at least one social scientific discipline. PREREQUISITE: None. Consult the Explorations Course List (p. 5) for a complete list of Understanding Social Science courses.

## Integrations

As students approach completion of their undergraduate education, they need to begin to integrate what they have learned about themselves and their world. At this stage of undergraduate study, students’ programs of study will have diverged into various specialized fields of study in the various colleges and schools of the university. Different forms of integrative study will be appropriate depending upon in which college the student is enrolled. Integrations components will normally be completed within the third and fourth years of undergraduate study.

## Intersections (3 credits)

The focus of the Intersections component will be on big questions that employ critical thinking skills to address issues of diversity, service, and social justice. Students and instructors will work at the intersection of intellectual inquiry and personal experience as they seek together to understand intersections in the world at large. In the best Ignatian tradition, these courses will involve research and writing as well as reflection, collaboration, and debate. PREREQUISITE: Critical Issues in Human Inquiry course and senior standing. Consult the Integrations Course List (p. 7) for a complete list of Intersections courses.

## Designated Courses

In addition to the components of the Magis Core Curriculum listed above, students must complete 5 designated courses, 1 in each of 5 different areas. It is expected that students will complete most of these designated courses as part of their major programs of study. The rest of these courses should be completed as part of another Explorations- or Integrations-level component of the Magis Core Curriculum.

### Designated Ethics (0 additional credits)

Courses that receive a designation in ethics will develop and integrate ethical thinking in a chosen academic discipline, profession, or sphere of responsibility. Each such course will involve at least one significant assignment that requires structured ethical reflection on some dimension of the student’s current or future projects. PREREQUISITE: Ethics course.

Consult the Designations Course List (p. 9) for a complete list of Designated Ethics courses.

### Designated Oral Communication (0 additional credits)

Designated Oral Communication courses will involve intensive instruction in at least one form of oral communication that is specifically intended for a particular audience. Each such course will involve at least one significant oral communication assignment. PREREQUISITE: Oral Communication course. Consult the Designations Course List (p. 9) for a complete list of Designated Oral Communication courses.

### Designated Statistical Reasoning (0 additional credits)

Designated Statistical Reasoning courses will involve intensive instruction and the application of statistical methods in solving problems within a discipline. Each such course will involve at least one significant assignment or project that utilizes statistics as an essential tool for analyzing data and drawing well-founded conclusions. The goal is to equip the student with the theory and methodology that are essential to solving problems in a data-rich world. PREREQUISITE: Mathematical Reasoning course. Consult the Designations Course List (p. 9) for a complete list of Designated Statistical Reasoning courses.

### Designated Technology (0 additional credits)

Designated Technology courses will involve intensive instruction and the application of technology in solving problems within a discipline. Each such course will involve at least one significant assignment or project that utilizes technology as an essential tool for information gathering, analysis, and presentation. Beyond the simple use of a search engine or word processing program, students will effectively use discipline-specific software tools, as appropriate, and reflect on the role of technology in that discipline. In conjunction, students will explore the power and limitations of technology in both professional and societal terms. PREREQUISITE: None. Consult the Designations Course List (p. 9) for a complete list of Designated Technology courses.

### Designated Written Communication (0 additional credits)

The goal of Designated Written Communication courses is to help students develop writing skills that are appropriate to a specific discipline, which will normally be the student’s major field of study. Designated Written Communication courses must be upper-division courses that involve intensive instruction in at least one form of writing oriented toward a specific audience; at least one significant written assignment, on which the student receives substantial instructor feedback during the drafting and revision stages; and an introduction to the practice of sustained professional writing in a field and the best

practices and conventions in that field. PREREQUISITE: Contemporary Composition course. Consult the Designations Course List (p. 9) for a complete list of Designated Written Communication courses.

## Magis Core Foundations Courses

### Foundations

Code	Title	Credits
<b>Contemporary Composition</b>		
ENG 150	Contemporary Composition:College Composition	3
ENG 153	Contemporary Composition: Creative Writing	3
ENG 154	Contemporary Composition:Writing About Energy	3
ENG 157	Contemporary Composition:Advocacy and Knowledge	3
ENG 158	Voices for Health: Contemporary Composition for Pre-Health Students	3
<b>Critical Issues in Human Inquiry</b>		
ANT 175	Nutritional Anthropology: Introduction to Foodways and Food Studies	3
ANT 178	Global Citizenship	3
ANT 179	Encountering Africa: Experiencing our Shared Humanity	3
ARH 170	Cities and People: Urban History and Social Justice	3
ARH 171	Who Owns the Past? Cultural Heritage and Modern Politics	3
BUS 173	Commercial Republic: Catholic Social Teaching and Philosophy, Politics and Economics Conversation	3
CNE 170	Love, Marriage and the Family in Classical Antiquity	3
CNE 171	War in Literature	3
CNE 172	Muhammad in Muslim Life and Thought	3
COM 170	Communication across Cultures	3
COM 171	Friendships and Our Changing Social World	3
COM 172	Princesses, Brides and Mothers	3
COM 173	Health, Communication, and Media	3
COM 174	From Big Brother to Big Data: Surveillance Culture	3
COM 175	Diverse Family Communication on Challenging Topics	3
COM 176	Talk to Me, TED: Leadership, Social Media, and Communication	3
COM 177	Being Color Brave: Race, Privilege, Oppression, and Justice	3
CPS 170	Privilege, Power and Difference	3
ECO 173	Markets, Government, and Social Justice	3
EDU 170	Diversity and Justice in Education	3
ENG 170	Literature in Life:Literature Engaging Life	3
ENG 171	Narratives of Health & Illness	3
ENG 172	Race and Identity	3
ENG 173	Anchors Aweigh! Transatlantic Travels in Literature	3
ENG 174	Representing Violence and Northern Ireland	3
ENG 175	Slumming It: Poverty and the Novel	3
ENG 176	Creating Communities	3
ENG 177	Reel Issues Studies in Film	3
ENG 178	Hero Literature	3
ENG 179	Critical issues: Faith and Fiction	3
ENG 180	Creative Writing and Justice	3
FRN 170	Pardon My French! Colonialism, Imperialism, and the Francophone World	3
GER 170	(Im)Migration and Integration in German-Speaking Countries in the 20th and 21st Centuries	3
HIS 170	Liberalism and Its Discontents	3
HIS 171	Waging Peace in the Twentieth Century	3
HIS 172	Globalization and Leadership in Africa	3
HIS 173	Colonial Legacies in Asia	3
HIS 174	Discovering Paradise	3
HIS 175	History of Protest in America	3
HIS 176	Controversies in Science and Medicine (1900-1990)	3
HIS 177	Seeking God in the Medieval West	3
HIS 179	A History of (Un)natural Disasters	3
JPN 170	Crisis and Conflict in Contemporary Japan: Understanding How a Society Reacts to National Events	3
MIL 170	Introduction to Critical Thinking and the Army I	2
MIL 171	Introduction to Critical Thinking and the Army II	2
NUR 170	Caring for Yourself and Your Community	3
PHL 170	Slavery and Freedom	3
SOC 170	Social Science and Social Problems	3
SPN 170	Musical Perspectives:Hearing the Hispanic World	3
SWK 170	Exploring Vulnerability and Resilience within Communities	3
SWK 261	Social Welfare Needs of Vulnerable Populations:Exploring Helping Role from Social Work Perspective	3
THL 175	The Human Induced Climate Crisis:Origins and Solutions	3
THL 176	Sport and Spirituality	3
<b>Oral Communication</b>		
COM 101	Digital Communication Lab	1
COM 152	Civic Engagement through Public Communication	3
<b>Mathematical Reasoning</b>		
MTH 141	Applied Calculus	3
MTH 205	Mathematics for the Modern World	2
MTH 206	Mathematical Reasoning and Statistics	3
MTH 231	Calculus for the Biological Sciences	3
MTH 245	Calculus I	4
MTH 246	Calculus II	4
MTH 249	Modeling the Physical World I	3
<b>Philosophical Ideas</b>		
PHL 110	Philosophical Ideas:Reality, Knowledge, and the Good Life	3
PHL 111	Philosophical Ideas:Law	3
PHL 112	Philosophical Ideas:Foundations of the Sciences	3
<b>The Christian Tradition</b>		
THL 110	The Christian Tradition, Then and Now	3
THL 112	The Christian Tradition:Global Visions	3

THL 114	The Christian Tradition: Exploring the Great Questions	3
THL 115	The Christian Tradition in Women's Voices	3
THL 116	The Christian Tradition: Faith and Witness	3

## Magis Core Explorations Courses

### Explorations

Code	Title	Credits
<b>Ethics</b>		
JPS 271	Philosophical Ethics: Cortina Community	3
JPS 274	Theological Ethics: Social Action and Political Advocacy	3
PHL 270	Philosophical Ethics	3
PHL 271	Philosophical Ethics: Cortina Community	3
PHL 272	Philosophical Ethics: Poverty	3
PHL 275	Philosophical Ethics: Energy and Environment	3
THL 270	Theological Ethics: Applying Moral Principles	3
THL 271	Theological Ethics: Applying Moral Principles in the Marketplace	3
THL 272	Theological Ethics: Sexual and Gender Issues	3
THL 273	Theological Ethics: Moral Perception and Moral Blindness	3
THL 274	Theological Ethics: Social Action and Political Advocacy	3
<b>Global Perspectives in History</b>		
AFS 277	Global Perspectives on Medicine in Africa and the African Diaspora	3
AMS 275	The Twentieth Century as "The American Century"	3
CNE 280	Sport and Athletics in the Ancient Mediterranean	3
CNE 281	Ancient Greece	3
CNE 282	Ancient Rome	3
HIS 271	Conquest, Piracy, and Slavery: A History of the Atlantic	3
HIS 272	Global Perspectives in History: Europe and the World	3
HIS 273	Global Perspectives in History: History of Science and Medicine	3
HIS 274	Global Perspectives in History: Rights and Revolutions	3
HIS 275	The Twentieth Century as "The American Century"	3
HIS 276	Global Perspectives in History: Asia and the World	3
HIS 277	Medicine in Africa and the African Diaspora	3
HIS 278	Islam and the World	3
HIS 279	Medieval Encounters	3
HIS 280	Sport and Athletics in the Ancient Mediterranean	3
HIS 281	Europe's Hubris and Humiliation	3
HIS 282	Reacting to the Past	3
HIS 284	Global Perspectives in History: The US in the World	3
HIS 285	The Stuff of History: Materials That Have Shaped Our World	3
HIS 287	Global Perspectives in History: The Native American Experience	3

HIS 324	Global Perspectives in History: The Irish Experience	3
ILS 310	Global Perspectives: Food in World History	3
MUS 300	Music History I: Antiquity through Baroque	3

#### Literature

AFS 390	Introduction To African Literature	3
BKS 390	Introduction To African Literature	3
CNE 220	World Literature I: Antiquity to Renaissance	3
CNE 230	Make 'Em Laugh: Serious Topics in Humorous Greek and Roman Literature	3
CNE 231	Topics in Arabic Literature in Translation	3
CNE 232	Heroes, Ghosts, Witches, Gods and Monsters: Classical Mythology	3
CNE 233	The Hero in Antiquity	3
CNE 234	Epic Literature	3
ENG 221	Global Literatures	3
ENG 222	Emotions in Literature & Life	3
ENG 223	Studies in Native American Literature	3
ENG 225	Dead Men Tell No Tales: Pirate Literature Through the Ages	3
ENG 226	Fiction and the Idea of the Nation	3
ENG 227	Science/Fiction	4
ENG 228	The City in Literature	3
ENG 229	Literature and Medicine	3
ENG 300	Introduction To Creative Writing	3
ENG 390	Introduction To African Literature	3
FRN 230	Lost in Translation: Colonialism, Imperialism, Legacy, and the Francophone World	3
GER 230	Explorations: German Literature in Translation: Love/Magic in 19th and 20th Cent German Lit and Film	3
GRK 410	Diachronic Readings in Greek	3
ILS 371	Leadership in Literature	3
ITA 230	The Human Comedy: Love, Religion and Morality in Boccaccio's Decameron	3
JPN 230	Space, Place, and Life: A Literary Journey through Japan	3
LAT 410	Diachronic Readings in Latin	3
SPN 315	Cada loco con su tema": Reading Hispanic Diversity	3
THR 324	Visions of America: The 21st Century Pulitzer Prize for Drama	3
<b>Understanding Natural Science</b>		
ANT 225	From the Grave: Fundamentals of Forensic Anthropology	3
BIO 149	Biology for the Non-Science Major	3
BIO 201	General Biology: Organismal and Population	3
CRJ 225	From the Grave: Fundamentals of Forensic Anthropology	3
CSC 121	Computers and Scientific Thinking	3
ENG 227	Science/Fiction	4
EVS 201	Introduction to Environmental Science	3
EXS 111	Fundamentals of Human Anatomy	4
EXS 112	Fundamentals of Human Physiology	4

PHY 105	Frontiers in Astronomy	2	THL 239	The Biblical Tradition: The Synoptic Gospels	3
PHY 127	Sound and Music	2	THL 240	The Biblical Tradition: Messiah, Prophet, and Rabbi	3
PHY 131	Quantum Physics and Technology for Everyone	2	THL 241	The Biblical Tradition: The Gospel in Service of Social Justice	3
PHY 152	Living in a Material World	2			
PHY 157	Sustainable Energy	2	<b>Fine Arts (College of Arts &amp; Sciences only)</b>		
PHY 187	Conceptual Physics	2	ARH 210	History of Art: The Ancient World	3
PHY 201	General Physics for the Life Sciences	3	ARH 211	The History of Art: The Medieval World	3
PHY 213	General Physics for the Physical Sciences I	3	ARH 212	The History of Art III: The Modern World	3
PHY 221	Advanced General Physics I: Modeling the Physical World	3	ARH 219	History of Western Art and Architecture	3
PHY 250	Three Dimensional Design	2	ARH 301	Topics in the History of Art	3
<b>Understanding Social Science</b>			ARH 349	Egyptian Art And Archaeology	3
AMS 121	American Government And Politics	3	ARH 354	Greek Art and Archaeology	3
AMS 345	Sport in American Culture	3	ARH 366	Etruscan and Roman Art	3
ANT 111	Introduction to Anthropology: Human and Cultural Diversity	3	ARH 369	Medieval Art and Architecture	3
ANT 112	Introduction to Anthropology: Culture, Ecology and Sustainability	3	ARH 372	Northern Renaissance Art and Architecture	3
ANT 113	Introduction to Anthropology: Social and Cultural Determinants of Health	3	ARH 375	Italian Renaissance Art and Architecture	3
ANT 345	Sports in American Society	3	ARH 377	Seventeenth-Century Art and Architecture	3
COM 200	Communication Practices	3	ARH 384	Building the American City	3
COM 211	Communication Studies: Relationships, Work, and Culture	3	ARH 385	American Art and Architecture	3
CRJ 201	Introduction to the Criminal Justice System	3	ARH 390	Nineteenth-Century Art and Architecture	3
CSC 444	Human Computer Interaction	3	ARH 394	Modern Art and Architecture	3
EDU 211	Exploring Child and Adolescent Development	3	ARH 410	The Lives of Artists in Film	3
JRM 215	Media Literacy	3	ARH 414	The Jesuits and the Arts	3
PLS 101	Introduction to Politics	3	ARH 440	Climate Change and the City	3
PLS 105	Introduction to World Politics	3	ARH 445	History of Architecture and Urbanism	3
PLS 121	American Government And Politics	3	ARH 450	The City	3
PSY 201	Introductory Psychology	3	ARH 465	The City of Rome	3
SOC 101	Introduction to Sociology: Self and Society	3	ARH 475	Michelangelo and the High Renaissance	3
SOC 201	Introduction to the Criminal Justice System	3	ARH 535	Exploring Italy	3
SOC 345	Sports in American Society	3	ART 105	Drawing Fundamentals	3
SWK 201	Introduction to Social Work and Advocacy Skills	3	ART 153	Three Dimensional Foundations I	3
SWK 275	Working with Infants through Adolescents - Human Behavior and the Social Environment 1	3	ART 154	Figure Sculpture I	3
SWK 276	Working with Adults through the Lifespan - Human Behavior and the Social Environment 2	3	ART 211	Introductory Ceramics	3
<b>The Biblical Tradition</b>			ART 247	Printmaking Fundamentals	3
THL 215	The Biblical Tradition: Ancestors and Heroes	3	ART 271	Photo Studio I: Beginning Black and White Photography	3
THL 216	The Biblical Tradition: The Human Question	3	CNE 349	Egyptian Art And Archaeology	3
THL 217	The Biblical Tradition: Social Justice in the Old Testament	3	CNE 354	Greek Art and Archaeology	3
THL 230	The Biblical Tradition: Gender, Economy, and Violence	3	CNE 366	Etruscan and Roman Art	3
THL 231	The Biblical Tradition: Perspectives on Suffering and Evil	3	CNE 369	Medieval Art and Architecture	3
THL 235	The Biblical Tradition: Sickness and Healing	3	CNE 535	Exploring Italy	3
THL 236	The Biblical Tradition: New Testament	3	DAN 101	Introduction to the Dance	3
THL 237	The Biblical Tradition: Early Christian Community and Identity	3	DAN 105	Introduction to Hip Hop	3
THL 238	The Biblical Tradition: The Johannine Literature	3	DAN 153	Stagecraft I	3
			DAN 221	Intermediate Modern Dance	1-2
			DAN 231	Intermediate Tap/Jazz	1-2
			DAN 241	Intermediate Ballet	1-2
			EDU 104	Integration of Art, Music, and PE	3
			ENG 301	Creative Writing: Narrative Forms	3
			ENG 302	Poetic Forms	3
			GDE 300	Concept Sketch Development	3
			GDE 302	Community Mural Design	3

GDE 324	Digital Foundations	3	ANT 420	Environment & Society: Sociological Perspectives	3
GDE 370	Video and Photo	3	ANT 421	Public Health and Social Justice in Haiti	3
HIS 349	Egyptian Art And Archaeology	3	ANT 422	Health, Disease, and Suffering in the Past and Present	3
ITA 535	Exploring Italy	3	ANT 425	What's for Dinner, Honey?: Food, Culture, Gender, and Health	3
MUS 212	University Chorus I	1	ANT 430	Violent Environments and Sustainability	3
MUS 218	Symphonic Band I	1	ANT 561	Definitions of Health-Implications for Care: Austria, Hungary and the United States	3
MUS 220	University Orchestra I	1	ARH 456	Art and War	3
MUS 273	Music Appreciation	3	ART 401	Arts and Civic Engagement: Empty Bowls	3
MUS 313	Chamber Choir	1	ART 402	Art and Activism	3
THL 349	Egyptian Art and Archaeology	3	BUS 471	Strategic Management	3
THR 131	Acting I	3	CNE 405	Jews & Judaism: History, Heroes, Holidays	3
THR 153	Stagecraft I	3	COM 475	Resisting the Politics of Everyday Life	3
THR 154	Costume Construction	3	COM 476	National Parks-Created through Communication	3
THR 161	Theatre Appreciation	3	COM 478	Perspectives on Work-Life Balance, Wellness and Justice	3
THR 254	Introduction to Theatrical Design	3	CPS 400	What Really Matters: Discernment, Conscience, Compassion	3
<b>Foreign Language (College of Arts &amp; Sciences only)</b>					
ARA 112	Beginning Arabic for Daily Life II	3	CSC 450	Data of/by/for the People	3
CHN 112	Beginning Chinese for Daily Life II	4	EDP 461	The Power of One: Poverty, Sustainable Development	3
CHN 225	Intermediate Chinese	3	EDU 595	Restorative Justice in the Eyes of our Youth	3
FRN 110	Beginning French for Daily Life II: Online Lab	1	ENG 400	Novel Ecologies: History, Literature, and Environmental Crisis	3
FRN 112	Beginning French for Daily Life II	3	ENG 424	Adventurous Men and Wild Women: Genre, Gender and Geography in Fin-de-Siecle Literature	3
FRN 225	Intermediate French	3	ENG 427	Health, Justice and Literature	3
FRN 311	Advanced French I	3	ENG 437	Literature, Philosophy and Economics: In Search of Economic Justice	3
GER 110	Beginning German for Daily Life II: Online Lab	1	ENG 438	Literacy And Community: Reading And Writing Toward Social Change	3
GER 112	Beginning German for Daily Life II	3	ENG 441	Trauma in Literature	3
GER 225	Intermediate German	3	ENG 446	The Body in Early English Literature	3
GER 303	German Literature and Civilization I: From the Middle Ages to 1871	3	ENG 455	Global Bollywood	3
GRK 112	Beginning Greek II	3	ENG 483	The Rhetoric of Emotion	3
GRK 225	Intermediate Greek	3	ENG 489	American Prisons: Punish or Reform	3
ITA 110	Beginning Italian for Daily Life II: Online Lab	1	EVS 420	Environment & Society: Sociological Perspectives	3
ITA 112	Beginning Italian for Daily Life II	3	EVS 430	Violent Environments and Sustainability	3
ITA 225	Intermediate Italian	3	EVS 476	National Parks - Created through Communication	3
ITA 311	Advanced Italian I	3	EVS 483	History of Environmental Inequalities	3
JPN 112	Beginning Japanese for Daily Life II	4	EVS 488	Global Environmental History	3
JPN 225	Intermediate Japanese	3	GER 468	Resistance Throughout German History	3
JPN 311	Advanced Japanese I	3	HAP 404	Bioethics and Society	3
LAT 112	Beginning Latin II	3	HAP 416	Healthcare Ethics: Public Health, Administration, and Clinical Care	3
LAT 225	Intermediate Latin	3	HAP 418	Healthcare, Society and Culture	3
SPN 110	Beginning Spanish for Daily Life II: Online Lab	1	HAP 422	Health, Disease, and Suffering in the Past and Present	3
SPN 112	Beginning Spanish for Daily Life II	3	HIS 400	Novel Ecologies: History, Literature, and Environmental Crisi	3
SPN 225	Intermediate Spanish	3	HIS 402	Intersections: History of Disability	3
SPN 311	Learning Spanish in Cultural Contexts	3	HIS 405	Gender and Sexuality: A Non-Western Perspective	3
SPN 350	Spanish for Heritage Speaker	3			

## Magis Core Integrations Courses

### Integrations

Code	Title	Credits
<b>Intersections</b>		
AMS 455	Global Bollywood	3
ANT 418	Healthcare, Society and Culture	3

HIS 406	FLPA to Hawaii and the Philippines: Empire in the Pacific	3	ANT 325	Death Investigation: Forensic Anthropology Methods	4
HIS 461	History and Gender	3	ANT 350	Forensic Anthropology Field School	4
HIS 475	Medieval and Modern Religious Pilgrimage: Walking Spain's Camino de Santiago	3	BIO 159	Human Biology	4
HIS 477	Science and Medicine in Social Context	3	BIO 189	Novel Ecologies: Fundamentals of Ecological Conservation and Restoration	4
HIS 483	History of Environmental Inequalities	3	BIO 202	General Biology: Cellular and Molecular	3
HIS 488	Global Environmental History	3	BIO 206	General Biology: Cellular and Molecular Laboratory	1
IDC 401	Service Learning in Local Communities - Sports and Education	3	CRJ 325	Death Investigation: Forensic Anthropology Methods	4
JPS 416	Healthcare Ethics: Public Health, Administration, and Clinical Care	3	CRJ 350	Forensic Anthropology Field School	4
JPS 421	Public Health and Social Justice in Haiti	3	EVS 123	Science for a Changing Planet: An Introduction to Earth Systems	3
JPS 430	Violent Environments and Sustainability	3	EVS 124	Earth System Science Laboratory	1
JPS 443	Ecclesiology in Global Context	3	EXS 320	Human Physiology	4
JPS 460	Models and Heroes of Service and Justice	3	PHY 109	Introductory Astronomy	3
JPS 461	The Crucified People of Today	3	PHY 110	Astronomy Laboratory	1
JPS 470	Poverty in America	3	PHY 123	Science for a Changing Planet: An Introduction to Earth Systems	3
JPS 499	Land More Than a Job: Justice, Career, and Vocational Discernment	3	PHY 124	Earth System Science Laboratory	1
JRM 435	History of American Mass Media	3	PHY 202	General Physics for the Life Sciences II	3
MUS 471	Singing Social Justice	3	PHY 206	General Physics Laboratory II	1
NUR 439	Population-Based Health Concepts II	3	PHY 214	General Physics for the Physical Sciences II	3
PHL 404	Bioethics and Society	3	PHY 222	Advanced General Physics II: Modeling the Physical World	3
PHL 425	Sciences, Ethics & Society	3	PHY 224	Project Physics Laboratory II	1
PHL 426	The Carceral State: Police Violence, Adjudication, and Mass Incarceration	3	<b>Doing Social Science (College of Arts &amp; Sciences only)</b>		
PHL 427	Food, Sex, and the Good Life	3	AFS 311	Politics of Africa	3
PHL 436	Money and the Good Life	3	AMS 316	Qualitative Methods, Ethnography, and Engagement	3
PHL 437	Literature, Philosophy and Economics: In Search of Economic Justice	3	AMS 318	Gender in American Society	3
PLS 540	Structural Injustice: Engaging Constructively with Demographic Change	3	AMS 323	Crime, Victimization and Public Health	3
PSY 470	Human Sexuality	3	ANT 211	Medical Anthropology	3
SOC 418	Healthcare, Society and Culture	3	ANT 308	An Anthropological and Transformational Approach to Alternative and Complementary Medicine	3
SOC 420	Environment & Society: Sociological Perspectives	3	ANT 316	Qualitative Methods, Ethnography, and Engagement	3
SOC 425	What's for Dinner, Honey?: Food, Culture, Gender and Health	3	ANT 318	Applied Research: Assessment and Evaluation	4
SOC 430	Violent Environments and Sustainability	3	ANT 336	An Introduction to Conflict Resolution	3
SOC 540	Structural Injustice: Engaging Constructively with Demographic Change	3	ANT 337	Anthropology of War and Peace	3
SPN 475	Medieval and modern Religious Pilgrimage: Walking Spain's Caminio de Santiago	3	ANT 352	Magic, Witchcraft and Medicine	3
SUS 400	Sustainable Practice: The Examined Life	3	ANT 361	(De)Colonizing Bodies	3
SWK 435	Practice III: Social Work with Organizations and Communities	3	ANT 383	Cultural Epidemiology: Global Perspectives	3
THL 431	Jesus Christ: Liberator	3	ANT 415	Social Stratification in the Dominican Republic	3
THL 443	Ecclesiology in Global Context	3	BKS 311	Politics of Africa	3
THL 463	Social Justice in Selected Global Faith Traditions	3	COM 261	This is Us: Exploring Complex Communication in Family and Interpersonal Relationships	3
THL 464	Social Justice in Islam and Muslim Experience	3	COM 320	Leadership: Theories, Styles, And Skills	3
THL 471	The Spiritual Exercises of St. Ignatius	3	COM 321	Persuasion	3
THR 467	Theatre for Social Justice	3	COM 340	Gender Communication	3
<b>Doing Natural Science (College of Arts &amp; Sciences only)</b>			COM 344	Border Rhetorics	3
ANT 210	Biological Anthropology	4	COM 361	Interpersonal Communication	3



COM 364	Family Communication About Health and Well-Being	3	SWK 318	Applied Research: Assessment and Evaluation	4
COM 390	Health Communication	3	<b>Ultimate Questions (College of Arts &amp; Sciences only)</b>		
COM 396	Food for Thought: Sustainability, Food, and Communication	3	AFS 309	Ultimate Questions: African Theology	3
COM 442	Cultural Communication	3	NES 304	Ultimate Questions: Where Theology Meets Neuroscience	3
COM 459	Environmental Communication	3	PHL 300	Ultimate Questions: Spirituality/Philosophy	3
COM 462	Gender, Work, and Organizing	3	PHL 320	Ultimate Questions: God and Persons	3
COM 472	Communication in Close Relationships	3	THL 300	Ultimate Questions: Jesus Christ, Yesterday and Today	3
COM 474	The Dark Side of Personal Relationships	3	THL 301	Divine Providence, Catholic Social Teaching, & the Problem of Climate Change	3
CRJ 316	Qualitative Methods, Ethnography, and Engagement	3	THL 302	Ultimate Questions: God and the Creation of Everything	3
CRJ 318	Applied Research: Assessment and Evaluation	4	THL 303	Ignatian Spirituality and the Vocation to Healthcare	3
CRJ 323	Crime, Victimization and Public Health	3	THL 304	Ultimate Questions: Where Theology Meets Neuroscience	3
ECO 418	Econometrics	3	THL 305	Ultimate Questions: Reconciliation	3
EDP 362	Dominican Republic in Context	3	THL 309	Ultimate Questions: African Christianity	3
EDU 299	Understanding Educational Assessment and Statistical Reasoning	4	THL 312	The Spirituality and History of Ignatius of Loyola and the Society of Jesus	3
EDU 320	Leadership: Theories, Styles, And Skills	3	THL 314	Vatican II	3
EVS 396	Food for Thought: Sustainability, Food, and Communication	3	THL 315	Ultimate Questions: Theology of Christian Marriage	3
EVS 459	Environmental Communication	3	THL 316	Ultimate Questions: A Theology of the Catholic Sacraments	3
EXS 407	Basic Statistics and Research Design	3	THL 359	Ultimate Questions in Living Religions of the World	3
HAP 318	Applied Research: Assessment and Evaluation	4	<b>Magis Core Designations Courses</b>		
HAP 383	Cultural Epidemiology: Global Perspectives	3	<b>Designations</b>		
HAP 390	Health Communication	3	<b>Code</b>	<b>Title</b>	<b>Credits</b>
ILS 320	Theories of Leadership and Organizational Change	3	AMS 316	Qualitative Methods, Ethnography, and Engagement	3
JPS 337	Anthropology of War and Peace	3	ANT 316	Qualitative Methods, Ethnography, and Engagement	3
JRM 339	Global Case Studies	3	ANT 350	Forensic Anthropology Field School	4
PLS 303	Politics of Russia	3	ART 401	Arts and Civic Engagement: Empty Bowls	3
PLS 311	Politics of Africa	3	ART 402	Art and Activism	3
PLS 312	Canadian Government and Politics	3	BIO 439	Parasitology	4
PLS 314	The Politics of Japan	3	BIO 464	Neurobiology of Disease	3
PLS 317	Latin American Government And Politics	3	BIO 467	Developmental Biology	4
PLS 322	American Presidency	3	BUS 356	Business Ethics	3
PLS 324	Congress And The Legislative Process	3	CHM 392	Forensic Chemistry	3
PLS 332	Interest Groups and Political Parties	3	CHM 499	Chemistry Seminar	1
PLS 340	International Politics	3	CHM 521	Advanced Organic Chemistry: Synthetic Organic Methods	3
PLS 343	Bombs and Rockets: National Security Policy	3	COM 490	Communication and Community	3
PLS 435	Global Poverty and Development	3	CRJ 312	Research Design for the Social Sciences	3
PSY 315	Research Methods And Statistics II	3	CRJ 316	Qualitative Methods, Ethnography, and Engagement	3
PSY 316	Research Methods And Statistics II Laboratory	1	CRJ 350	Forensic Anthropology Field School	4
PSY 370	Applying Research Methods and Statistics in Psychology	3	CSC 599	Senior Capstone	3
SOC 313	Power and Society: Political Sociology in Action	3			
SOC 316	Qualitative Methods, Ethnography, and Engagement	3			
SOC 318	Gender in American Society	3			
SOC 323	Crime, Victimization and Public Health	3			
SOC 337	Anthropology of War and Peace	3			
SOC 340	Gender Communication	3			
SOC 415	Social Stratification in the Dominican Republic	3			
SPN 415	Social Stratification in the Dominican Republic	3			

DSC 599	Data Science Senior Capstone	3	PHL 437	Literature, Philosophy and Economics: In Search of Economic Justice	3
EDU 525	Inclusion and Differentiation in the Elementary Classroom	3	PHL 457	Biomedical Ethics: Philosophical and Theological Approaches	3
EDU 591	Clinical Practice (Student Teaching)	1-14	PHY 491	Physics Seminar	1
EDU 593	Clinical Practice (Student Teaching) Seminar	1	PHY 591	Seminar in Engineering	1-3
ENG 332	Sources and Methods of Justice	3	PLS 331	Public and Non-Profit Administration	3
ENG 376	Caring for the Poor: Poverty, Health Care, and the Novel	3	PLS 483	Public Affairs Internship	1-6
ENG 378	Hysteria: Gender and Health in Literature	3	PSY 316	Research Methods And Statistics II Laboratory	1
ENG 386	Medical Humanities in English Studies	3	SOC 312	Research Design for the Social Sciences	3
ENG 424	Adventurous Men and Wild Women: Genre, Gender and Geography in Fin-de-Siecle Literature	3	SOC 316	Qualitative Methods, Ethnography, and Engagement	3
ENG 437	Literature, Philosophy and Economics: In Search of Economic Justice	3	SPN 502	Advanced Spanish Translation	3
ENG 439	Literacy And Technology: How Technology Shapes Cultural Literacy	3	SWK 435	Practice III: Social Work with Organizations and Communities	3
ENG 476	Writing and Working for Justice	3	THL 457	Biomedical Ethics: Philosophical and Theological Approaches	3
EVS 354	Environmental Ethics	3	THL 565	Catholic Social Teaching	3
EVS 439	Parasitology	0-4	THL 567	Gender, Race and Morality	3
EXS 407	Basic Statistics and Research Design	3	THR 341	Play Direction And Script Analysis I	3
FRN 410	Introduction to Translation	3	<b>Oral Communication</b>		
GDE 380	Graphic Design	3	AMS 316	Qualitative Methods, Ethnography, and Engagement	3
GER 568	The Multiplicity of German Culture: Cultural Differences and Marginality	3	ANT 316	Qualitative Methods, Ethnography, and Engagement	3
HAP 312	Research Design for the Social Sciences	3	ANT 318	Applied Research: Assessment and Evaluation	4
HAP 331	Public and Non-Profit Administration	3	ANT 338	Understanding Global Dynamics of Food, Development, and Sustainability	3
HAP 404	Bioethics and Society	3	ANT 350	Forensic Anthropology Field School	4
HAP 416	Healthcare Ethics: Public Health, Administration, and Clinical Care	3	ANT 499	Senior Capstone: Applying the Social Sciences	3
HAP 457	Biomedical Ethics: Philosophical and Theological Approaches	3	ART 499	Senior Thesis II	1-3
HIS 374	The Politics of Heredity: Eugenics in America	3	BIO 501	Bioinformatics	4
HIS 490	Advanced Research Methods	3	BIO 517	Current Topics in Genetics	3
ILS 303	Ethical Dimensions of Leadership	3	BIO 532	Current Topics in Cellular and Molecular Biology	3
JPS 416	Healthcare Ethics: Public Health, Administration, and Clinical Care	3	BIO 539	Ecology of Zoonotic Diseases	3
JPS 460	Models and Heroes of Service and Justice	3	BIO 541	Current Topics in Plant Biology	3
JPS 499	Land More Than a Job: Justice, Career, and Vocational Discernment	3	BIO 545	Plant Diversity and Evolution	4
JPS 565	Catholic Social Teaching	3	BIO 559	Current Topics in Physiology	3
JRM 438	Media Ethics and Law	3	BIO 567	Current Topics in Neuroscience	3
MTH 400	Current Issues in Mathematics	1	BIO 580	Current Topics in Ecology	3
MUS 300	Music History I: Antiquity through Baroque	3	CHM 382	Biochemistry Laboratory	2
MUS 364	Musical Theatre History and Repertoire II	3	CHM 392	Forensic Chemistry	3
MUS 400	Music History II: Classical through Present	3	CHM 466	Instrumental Analysis Laboratory	0-2
NES 464	Neurobiology of Disease	3	CHM 497	Directed Independent Research II	0-2
NUR 476	Applied Nursing Ethics	3	CHM 521	Advanced Organic Chemistry: Synthetic Organic Methods	3
PHL 331	Moral Philosophy	3	CNE 300	Introduction to the Ancient Mediterranean World	3
PHL 354	Environmental Ethics	3	COM 462	Gender, Work, and Organizing	3
PHL 404	Bioethics and Society	3	COM 463	Communication Consulting	3
PHL 426	The Carceral State: Police Violence, Adjudication, and Mass Incarceration	3	COM 497	Senior Research in Communication Studies	3
PHL 436	Money and the Good Life	3	CRJ 316	Qualitative Methods, Ethnography, and Engagement	3
			CRJ 318	Applied Research: Assessment and Evaluation	4
			CRJ 350	Forensic Anthropology Field School	4

CRJ 499	Senior Capstone: Applying the Social Sciences	3	SOC 316	Qualitative Methods, Ethnography, and Engagement	3
CSC 599	Senior Capstone	3	SOC 499	Senior Capstone: Applying the Social Sciences	3
DSC 599	Data Science Senior Capstone	3	SPN 405	Spanish Phonetics	3
EDU 568	Engaged in Math: Effective Methodologies for Pre-Service Elementary School Teachers	3	SPN 425	Introduction to Literary Analysis	3
ENG 378	Hysteria: Gender and Health in Literature	3	SUS 400	Sustainable Practice: The Examined Life	3
ENG 438	Literacy And Community: Reading And Writing Toward Social Change	3	SUS 491	Senior Seminar	1
ENG 476	Writing and Working for Justice	3	SWK 318	Applied Research: Assessment and Evaluation	4
ENG 483	The Rhetoric of Emotion	3	SWK 480	Field Practicum Seminar II	3
ENG 489	American Prisons: Punish or Reform	3	THL 492	Senior Seminar	3
ENG 499	Senior Project	3	THR 330	Acting II	3
EVS 488	Global Environmental History	3	<b>Statistical Reasoning</b>		
EVS 491	Senior Seminar	2	ANT 314	Statistics for the Social Sciences	4
EVS 539	Ecology of Zoonotic Diseases	3	ANT 318	Applied Research: Assessment and Evaluation	4
EVS 541	Special Topics in Plant Biology	3	ANT 325	Death Investigation: Forensic Anthropology Methods	4
EVS 545	Plant Diversity and Evolution	4	BIO 159	Human Biology	4
EVS 580	Current Topics in Ecology	3	BIO 311	Biostatistics	4
EXS 391	Career Preparation and Professionalism	3	BIO 335	Zoology	4
EXS 407	Basic Statistics and Research Design	3	BIO 341	Botany	4
EXS 450	Nutrition Health&Sports Perfor	3	BIO 372	Animal Behavior Laboratory	2
FRN 411	Advanced Spoken French	3	BIO 439	Parasitology	4
GDE 599	Senior Capstone	3	BIO 453	Microbiology Laboratory	1
GER 568	The Multiplicity of German Culture: Cultural Differences and Marginality	3	BIO 481	Terrestrial Ecology	4
GRK 410	Diachronic Readings in Greek	3	CHM 286	Chemical and Statistical Analysis Laboratory	2
HAP 318	Applied Research: Assessment and Evaluation	4	CHM 315	Quantitative and Statistical Analysis	4
HAP 411	Seminar in Healthcare Administration: Healthcare Planning and Marketing	3	COM 261	This is Us: Exploring Complex Communication in Family and Interpersonal Relationships	3
HAP 413	Service Excellence and Human Resources in Healthcare	3	COM 300	Communication Research Methods	3
HIS 402	Intersections: History of Disability	3	COM 364	Family Communication About Health and Well-Being	3
HIS 488	Global Environmental History	3	CRJ 314	Statistics for the Social Sciences	4
HIS 490	Advanced Research Methods	3	CRJ 318	Applied Research: Assessment and Evaluation	4
ILS 304	Financial and Quantitative Dimensions of Leadership	3	CRJ 325	Death Investigation: Forensic Anthropology Methods	4
JPS 365	Liberation and Integration: Ignatian Reflections	1	CSC 450	Data of/by/for the People	3
JPS 460	Models and Heroes of Service and Justice	3	EDU 299	Understanding Educational Assessment and Statistical Reasoning	4
JRM 599	Senior Capstone: Entrepreneurial Media	3	EVS 311	Biostatistics	4
LAT 410	Diachronic Readings in Latin	3	EVS 335	Zoology	4
MTH 400	Current Issues in Mathematics	1	EVS 341	Botany	4
MUS 363	Musical Theatre History and Repertoire I	3	EVS 372	Animal Behavior Laboratory	2
MUS 415	Conducting	3	EVS 439	Parasitology	0-4
NES 592	Neuroscience Senior Seminar	1	EVS 453	Microbiology Lab	1
NUR 349	Care Management Concepts Practicum II	5	EVS 481	Terrestrial Ecology	4
NUR 477	Evidence-Based Practice II	2	EXS 407	Basic Statistics and Research Design	3
PHL 492	Senior Seminar	3	FPA 358	Business of the Arts	3
PHY 491	Physics Seminar	1	GDE 380	Graphic Design	3
PHY 591	Seminar in Engineering	1-3	HAP 314	Statistics for the Social Sciences	4
PLS 591	Senior Research Seminar In Political Science	3	HAP 318	Applied Research: Assessment and Evaluation	4
PMC 418	Transition to Paramedicine Practice	3	HIS 316	Introduction to Digital Humanities	3
PMC 425	Paramedicine Capstone	7	JRM 440	Media Research	3
PSY 316	Research Methods And Statistics II Laboratory	1	MTH 206	Mathematical Reasoning and Statistics	3

MTH 360	Elementary Probability and Statistics	3	EVS 483	History of Environmental Inequalities	3
MTH 361	Probability and Statistics in the Health Sciences	3	EXS 401	Exercise Prescription	3
NUR 200	Statistical Reasoning	3	EXS 450	Nutrition Health&Sports Perfor	3
PHY 110	Astronomy Laboratory	1	FRN 411	Advanced Spoken French	3
PHY 302	Modern Physics Laboratory	1	GDE 474	Mini-Documentary Filmmaking	3
PHY 397	Research Methods	2	HAP 314	Statistics for the Social Sciences	4
PLS 310	Political Science Research Methods 2	0-4	HAP 318	Applied Research: Assessment and Evaluation	4
PLS 312	Canadian Government and Politics	3	HAP 334	Public Policy And Health Care	3
PSY 315	Research Methods And Statistics II	3	HIS 316	Introduction to Digital Humanities	3
PSY 370	Applying Research Methods and Statistics in Psychology	3	HIS 317	Mapping History: Cartography from the Early Modern to Digital Age	3
SOC 314	Statistics for the Social Sciences	4	HIS 324	Global Perspectives in History: The Irish Experience	3
STA 361	Probability and Statistics in the Health Sciences	3	HIS 350	Archaeology of Israel and Jordan	3
SWK 318	Applied Research: Assessment and Evaluation	4	HIS 483	History of Environmental Inequalities	3
THL 380	Method and Theory in Theology	3	ILS 302	Strategic Leadership & Project Management	3
<b>Technology</b>			JPS 419	Bible, Spirituality & American Public Life	3
AMS 316	Qualitative Methods, Ethnography, and Engagement	3	JRM 215	Media Literacy	3
AMS 419	Bible, Spirituality, & American Public Life	3	MTH 360	Elementary Probability and Statistics	3
ANT 314	Statistics for the Social Sciences	4	MTH 361	Probability and Statistics in the Health Sciences	3
ANT 316	Qualitative Methods, Ethnography, and Engagement	3	MTH 400	Current Issues in Mathematics	1
ANT 318	Applied Research: Assessment and Evaluation	4	MUS 363	Musical Theatre History and Repertoire I	3
ANT 325	Death Investigation: Forensic Anthropology Methods	4	MUS 415	Conducting	3
ARH 350	Archaeology of Israel and Jordan	3	NUR 357	Professional Concepts II	2
ART 498	Senior Thesis I	3	PHL 340	Philosophy of Language	3
BIA 253	Management Information Systems	3	PHL 358	Social And Political Philosophy	3
BIO 311	Biostatistics	4	PHY 499	Research Capstone	1
BIO 363	Cell Structure and Function Laboratory	1	PHY 512	Optics Laboratory	1
BIO 419	Molecular Genetics Laboratory	2	PHY 553	Computational Physics	3
BIO 450	Physiology Laboratory	1	PLS 310	Political Science Research Methods 2	0-4
BIO 463	Neurobiology Laboratory	1	PLS 334	Public Policy and Healthcare	3
BIO 501	Bioinformatics	4	PMC 303	Introduction to Paramedicine	2
CHM 466	Instrumental Analysis Laboratory	0-2	PMC 425	Paramedicine Capstone	7
CNE 350	Archaeology of Israel & Jordan	3	PSY 315	Research Methods And Statistics II	3
COM 360	Organizational Communication Theories	3	SOC 314	Statistics for the Social Sciences	4
CRJ 314	Statistics for the Social Sciences	4	SOC 316	Qualitative Methods, Ethnography, and Engagement	3
CRJ 316	Qualitative Methods, Ethnography, and Engagement	3	SPN 405	Spanish Phonetics	3
CRJ 325	Death Investigation: Forensic Anthropology Methods	4	SPN 425	Introduction to Literary Analysis	3
CSC 121	Computers and Scientific Thinking	3	STA 361	Probability and Statistics in the Health Sciences	3
DAN 355	Lighting Design I	3	SWK 318	Applied Research: Assessment and Evaluation	4
DSC 365	Introduction to Data Science	3	THL 350	Archaeology of Israel and Jordan	3
EDU 242	Computer Related Technologies In Teacher Education	2	THL 380	Method and Theory in Theology	3
ENG 330	Sources and Methods of Writing	3	THL 419	Bible, Spirituality, & American Public Life	3
ENG 382	History and Future of the Book	3	THR 335	Audition Technique	3
ENG 439	Literacy And Technology: How Technology Shapes Cultural Literacy	3	THR 355	Lighting Design I	3
ENG 476	Writing and Working for Justice	3	<b>Written Communication</b>		
EVS 311	Biostatistics	4	AFS 390	Introduction To African Literature	3
			AMS 316	Qualitative Methods, Ethnography, and Engagement	3
			AMS 455	Global Bollywood	3
			ANT 210	Biological Anthropology	4

ANT 225	From the Grave: Fundamentals of Forensic Anthropology	3	ENG 439	Literacy And Technology: How Technology Shapes Cultural Literacy	3
ANT 308	An Anthropological and Transformational Approach to Alternative and Complementary Medicine	3	ENG 441	Trauma in Literature	3
ANT 316	Qualitative Methods, Ethnography, and Engagement	3	ENG 445	Daughters of Erin: Irish Women Writers	3
ANT 336	An Introduction to Conflict Resolution	3	ENG 455	Global Bollywood	3
ANT 337	Anthropology of War and Peace	3	ENG 476	Writing and Working for Justice	3
ANT 383	Cultural Epidemiology: Global Perspectives	3	ENG 483	The Rhetoric of Emotion	3
ANT 499	Senior Capstone: Applying the Social Sciences	3	ENG 489	American Prisons: Punish or Reform	3
ARH 386	The History and Aesthetics of Latin American Photography	3	ENG 499	Senior Project	3
ART 499	Senior Thesis II	1-3	EVS 488	Global Environmental History	3
BIO 464	Neurobiology of Disease	3	EVS 539	Ecology of Zoonotic Diseases	3
BIO 517	Current Topics in Genetics	3	EVS 541	Special Topics in Plant Biology	3
BIO 532	Current Topics in Cellular and Molecular Biology	3	EVS 545	Plant Diversity and Evolution	4
BIO 539	Ecology of Zoonotic Diseases	3	EVS 580	Current Topics in Ecology	3
BIO 541	Current Topics in Plant Biology	3	EXS 450	Nutrition Health&Sports Perfor	3
BIO 545	Plant Diversity and Evolution	4	FRN 410	Introduction to Translation	3
BIO 559	Current Topics in Physiology	3	FRN 411	Advanced Spoken French	3
BIO 580	Current Topics in Ecology	3	GER 568	The Multiplicity of German Culture: Cultural Differences and Marginality	3
BKS 390	Introduction To African Literature	3	GRK 410	Diachronic Readings in Greek	3
CHM 342	Physical Chemistry Laboratory	2	HAP 312	Research Design for the Social Sciences	3
CHM 382	Biochemistry Laboratory	2	HAP 331	Public and Non-Profit Administration	3
CHM 392	Forensic Chemistry	3	HAP 383	Cultural Epidemiology: Global Perspectives	3
CHM 521	Advanced Organic Chemistry: Synthetic Organic Methods	3	HIS 374	The Politics of Heredity: Eugenics in America	3
CNE 300	Introduction to the Ancient Mediterranean World	3	HIS 402	Intersections: History of Disability	3
COM 359	Rhetoric and Public Culture	3	HIS 405	Gender and Sexuality: A Non-Western Perspective	3
CRJ 225	From the Grave: Fundamentals of Forensic Anthropology	3	HIS 477	Science and Medicine in Social Context	3
CRJ 312	Research Design for the Social Sciences	3	HIS 488	Global Environmental History	3
CRJ 316	Qualitative Methods, Ethnography, and Engagement	3	HIS 490	Advanced Research Methods	3
CRJ 499	Senior Capstone: Applying the Social Sciences	3	ILS 499	Leadership Capstone	3
DSC 599	Data Science Senior Capstone	3	JPS 337	Anthropology of War and Peace	3
EDU 565	Methods Of Teaching Language Arts In Elementary School	3	JRM 319	Media Writing	3
ENG 203	Telling Your Story: Business Writing Skills Intensive	1.5	JRM 320	Professional Writing	3
ENG 301	Creative Writing: Narrative Forms	3	JRM 341	Public Relations Writing	3
ENG 302	Poetic Forms	3	LAT 410	Diachronic Readings in Latin	3
ENG 376	Caring for the Poor: Poverty, Health Care, and the Novel	3	MGT 301	Managerial Process And Organizational Behavior	3
ENG 382	History and Future of the Book	3	MTH 471	Mathematical Analysis	3
ENG 386	Medical Humanities in English Studies	3	MUS 300	Music History I: Antiquity through Baroque	3
ENG 390	Introduction To African Literature	3	MUS 364	Musical Theatre History and Repertoire II	3
ENG 424	Adventurous Men and Wild Women: Genre, Gender and Geography in Fin-de-Siecle Literature	3	MUS 400	Music History II: Classical through Present	3
ENG 437	Literature, Philosophy and Economics: In Search of Economic Justice	3	NES 464	Neurobiology of Disease	3
ENG 438	Literacy And Community: Reading And Writing Toward Social Change	3	NES 510	Neurophysiology Lab	2
			NUR 416	Care Management Concepts III	5
			PHL 437	Literature, Philosophy and Economics: In Search of Economic Justice	3
			PHL 492	Senior Seminar	3
			PHY 499	Research Capstone	1
			PHY 591	Seminar in Engineering	1-3
			PLS 215	Political Science Research Methods 1	3
			PLS 331	Public and Non-Profit Administration	3
			PLS 591	Senior Research Seminar In Political Science	3
			PMC 303	Introduction to Paramedicine	2
			PSY 316	Research Methods And Statistics II Laboratory	1

SOC 312	Research Design for the Social Sciences	3
SOC 316	Qualitative Methods, Ethnography, and Engagement	3
SOC 337	Anthropology of War and Peace	3
SOC 499	Senior Capstone: Applying the Social Sciences	3
SPN 425	Introduction to Literary Analysis	3
SWK 480	Field Practicum Seminar II	3
THL 303	Ignatian Spirituality and the Vocation to Healthcare	3
THL 492	Senior Seminar	3
THR 465	Theatre History (5th Century, B.C.-1700)	3
THR 466	World Theatre History II: (1700-Present)	3