# UNDERGRADUATE CURRICULUM AND DEGREE REQUIREMENTS 

## University Learning Outcomes

The University Assessment Committee has articulated six universitylevel 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


## 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 <br> 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 <br> Perspectives in History (3 credits) |  | Designated <br> Written <br> Communication |
| Mathematical Reasoning (2 credits) | Literature (3 credits) |  | Designated <br> Statistical <br> 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. 3) 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. 3) 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.3) 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. 3) 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. 3) 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. 3) 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 wideranging 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. 4) 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. 4) 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. 4) 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. 4) 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. 4) 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. 4) 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 |
| :--- | :--- | :--- |
| Contemporary | Composition |  |
| 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 <br> Knowledge | 3 |
| ENG 158 | Voices for Health: Contemporary Composition for | 3 |
|  | Pre-Health Students |  |

Critical Issues in Human Inquiry

| ANT 175 | Nutritional Anthropology: Introduction to <br> Foodways and Food Studies | 3 |
| :--- | :--- | :--- |
| ANT 178 | Global Citizenship | 3 |
| ANT 179 | Encountering Africa: Experiencing our Shared 3 <br>  Humanity |  |


| 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 |
| 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 | Writing 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 21 st 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 <br> 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 |
| Oral Communication |  |  |
| COM 101 | Digital Communication Lab | 1 |
| COM 152 | Civic Engagement through Public Communication | 3 |
| Mathematical Reasoning |  |  |
| 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 |
| Philosophical Ideas |  |  |
| 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 |
| PHL 113 | Philosophical Ideas:Nature, Time and God | 3 |
| PHL 116 | Philosophical Ideas: Faith and Reason | 3 |
| PHL 118 | Philosophical Ideas:Wisdom | 3 |
| The Christian Tradition |  |  |
| 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 |
| :--- | :--- | :---: |
| Ethics |  |  |
| JPS 271 | Philosophical Ethics: Cortina Community | 3 |
| JPS 274 | Theological Ethics: Social Action and Political <br>  | 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 |
| Global Perspectives in History |  |  |
| 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 |
| 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 |
| NSC 227 | Science/Fiction | 4 |
| SPN 315 | Cada loco con su tema": Reading Hispanic Diversity | 3 |
| THR 324 | Visions of America: The 21st Century Pulitzer Prize for Drama | 3 |
| Understanding Natural Science |  |  |
| 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 |
| ERG 251 | Introduction to Material Science | 2 |
| EVS 201 | Introduction to Environmental Science | 3 |
| EXS 111 | Fundamentals of Human Anatomy | 4 |
| EXS 112 | Fundamentals of Human Physiology | 4 |
| NSC 111 | Time's Arrow: The Evolving Universe | 2 |
| NSC 227 | Science/Fiction | 4 |
| PHY 105 | Frontiers in Astronomy | 2 |
| PHY 127 | Sound and Music | 2 |
| PHY 131 | Quantum Physics and Technology for Everyone | 2 |
| PHY 152 | Living in a Material World | 2 |
| PHY 157 | Sustainable Energy | 2 |
| PHY 187 | Conceptual Physics | 2 |
| PHY 201 | General Physics for the Life Sciences | 3 |
| PHY 213 | General Physics for the Physical Sciences I | 3 |
| PHY 221 | Advanced General Physics I:Modeling the Physical World | 3 |
| PHY 250 | Three Dimensional Design | 2 |
| Understanding Social Science |  |  |
| AMS 121 | American Government And Politics | 3 |
| AMS 345 | Sport in American Culture | 3 |
| ANT 111 | Introduction to Anthropology: Human and Cultural Diversity | 3 |


| ANT 112 | Introduction to Anthropology: Culture, Ecology and <br> Sustainability | 3 |
| :--- | :--- | :--- |
| ANT 113 | Introduction to Anthropology: Social and Cultural <br> Determinants of Health | 3 |
| ANT 345 | Sports in American Society | 3 |
| COM 200 | Communication Practices | 3 |
| COM 211 | Communication Studies:Relationships, Work, and <br> Culture | 3 |
| CRJ 201 | Introduction to the Criminal Justice System | 3 |
| CSC 444 | Human Computer Interaction | 3 |
| EDU 211 | Exploring Child and Adolescent Development | 3 |
| JRM 215 | Media Literacy | 3 |
| PLS 101 | Introduction to Politics | 3 |
| PLS 105 | Introduction to World Politics | 3 |
| PLS 121 | American Government And Politics | 3 |
| PSY 201 | Introductory Psychology | 3 |
| SOC 101 | Introduction to Sociology: Self and Society | 3 |
| SOC 201 | Introduction to the Criminal Justice System | 3 |
| SOC 345 | Sports in American Society | 3 |
| SWK 201 | Introduction to Social Work and Advocacy Skills | 3 |
| SWK 275 | Working with Infants through Adolescents - <br> Human Behavior and the Social Environment 1 | 3 |
| SWK 276 | Working with Adults through the Lifespan - Human <br> Behavior and the Social Environment 2 | 3 |

## The Biblical Tradition

| THL 215 | The Biblical Tradition: Ancestors and Heroes | 3 |
| :---: | :---: | :---: |
| THL 216 | The Biblical Tradition: The Human Question | 3 |
| THL 217 | The Biblical Tradition: Social Justice in the Old Testament | 3 |
| THL 230 | The Biblical Tradition: Gender, Economy, and Violence | 3 |
| THL 231 | The Biblical Tradition: Perspectives on Suffering and Evil | 3 |
| THL 235 | The Biblical Tradition: Sickness and Healing | 3 |
| THL 236 | The Biblical Tradition: New Testament | 3 |
| THL 237 | The Biblical Tradition: Early Christian Community and Identity | 3 |
| THL 238 | The Biblical Tradition: The Johannine Literature | 3 |
| THL 239 | The Biblical Tradition: The Synoptic Gospels | 3 |
| THL 240 | The Biblical Tradition: Messiah, Prophet, and Rabbi | 3 |
| THL 241 | The Biblical Tradition: The Gospel in Service of Social Justice | 3 |

Fine Arts (College of Arts \& Sciences only)

| ARH 210 | History of Art: The Ancient World | 3 |
| :--- | :--- | :--- |
| ARH 211 | The History of Art: The Medieval World | 3 |
| ARH 212 | The History of Art III: The Modern World | 3 |
| ARH 219 | History of Western Art and Architecture | 3 |
| ARH 301 | Topics in the History of Art | 3 |
| ARH 349 | Egyptian Art And Archaeology | 3 |
| ARH 354 | Greek Art and Archaeology | 3 |
| ARH 366 | Etruscan and Roman Art | 3 |
| ARH 369 | Medieval Art and Architecture | 3 |
| ARH 372 | Northern Renaissance Art and Architecture | 3 |
| ARH 375 | Italian Renaissance Art and Architecture | 3 |


| ARH 377 | Seventeenth-Century Art and Architecture | 3 |
| :---: | :---: | :---: |
| ARH 384 | Building the American City | 3 |
| ARH 385 | American Art and Architecture | 3 |
| ARH 390 | Nineteenth-Century Art and Architecture | 3 |
| ARH 394 | Modern Art and Architecture | 3 |
| ARH 410 | The Lives of Artists in Film | 3 |
| ARH 414 | The Jesuits and the Arts | 3 |
| ARH 440 | Climate Change and the City | 3 |
| ARH 445 | History of Architecture and Urbanism | 3 |
| ARH 450 | The City | 3 |
| ARH 465 | The City of Rome | 3 |
| ARH 475 | Michelangelo and the High Renaissance | 3 |
| ARH 535 | Exploring Italy | 3 |
| ART 105 | Drawing Fundamentals | 3 |
| ART 153 | Three Dimensional Foundations I | 3 |
| ART 154 | Figure Sculpture I | 3 |
| ART 211 | Introductory Ceramics | 3 |
| ART 247 | Printmaking Fundamentals | 3 |
| ART 271 | Photo Studio I:Beginning Black and White Photography | 3 |
| CNE 349 | Egyptian Art And Archaeology | 3 |
| CNE 354 | Greek Art and Archaeology | 3 |
| CNE 366 | Etruscan and Roman Art | 3 |
| CNE 369 | Medieval Art and Architecture | 3 |
| CNE 535 | Exploring Italy | 3 |
| DAN 101 | Introduction to the Dance | 3 |
| DAN 105 | Introduction to Hip Hop | 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 |
| GDE 370 | Video and Photo | 3 |
| HIS 349 | Egyptian Art And Archaeology | 3 |
| ITA 535 | Exploring Italy | 3 |
| MUS 212 | University Chorus I | 1 |
| MUS 218 | Symphonic Band I | 1 |
| MUS 220 | University Orchestra I | 1 |
| MUS 273 | Music Appreciation | 3 |
| MUS 313 | Chamber Choir | 1 |
| THL 349 | Egyptian Art and Archaeology | 3 |
| THR 131 | Acting I | 3 |
| THR 153 | Stagecraft I | 3 |
| THR 154 | Costume Construction | 3 |
| THR 161 | Theatre Appreciation | 3 |
| THR 254 | Introduction to Theatrical Design | 3 |

Foreign Language (College of Arts \& Sciences only)

| ARA 112 | Beginning Arabic for Daily Life II | 3 |
| :--- | :--- | :--- |
| CHN 112 | Beginning Chinese for Daily Life II | 4 |
| CHN 225 | Intermediate Chinese | 3 |
| FRN 110 | Beginning French for Daily Life II: Online Lab | 1 |
| FRN 112 | Beginning French for Daily Life II | 3 |
| FRN 225 | Intermediate French | 3 |
| FRN 311 | Advanced French I | 3 |
| GER 110 | Beginning German for Daily Life II: Online Lab | 1 |
| GER 112 | Beginning German for Daily Life II | 3 |
| GER 225 | Intermediate German | 3 |
| GER 303 | German Literature and Civilization I: From the | 3 |
|  | Middle Ages to 1871 |  |
| GRK 112 | Beginning Greek II | 3 |
| GRK 225 | Intermediate Greek | 3 |
| ITA 110 | Beginning Italian for Daily Life II: Online Lab | 1 |
| ITA 112 | Beginning Italian for Daily Life II | 3 |
| ITA 225 | Intermediate Italian | 3 |
| ITA 311 | Advanced Italian I | 3 |
| JPN 112 | Beginning Japanese for Daily Life II | 4 |
| JPN 225 | Intermediate Japanese | 3 |
| JPN 311 | Advanced Japanese I | 3 |
| LAT 112 | Beginning Latin II | 3 |
| LAT 225 | Intermediate Latin | 3 |
| SPN 110 | Beginning Spanish for Daily Life II: Online Lab | 1 |
| SPN 112 | Beginning Spanish for Daily Life II | 3 |
| SPN 225 | Intermediate Spanish | 3 |
| SPN 311 | Learning Spanish in Cultural Contexts | 3 |
| SPN 350 | Spanish for Heritage Speaker | 3 |

## Magis Core Integrations Courses

Integrations

| Code | Title | Credits |
| :--- | :--- | :--- |
| Intersections |  | 3 |
| AMS 455 | Global Bollywood | 3 |
| ANT 418 | Healthcare, Society and Culture | 3 |
| ANT 420 | Environment \& Society: Sociological Perspectives | 3 |
| ANT 421 | Public Health and Social Justice in Haiti | 3 |
| ANT 422 | Health, Disease, and Suffering in the Past and | 3 |
|  | Present | 3 |
| ANT 425 | What's for Dinner, Honey?: Food, Culture, Gender, | 3 |
| ANT 430 | and Health | 3 |
| ANT 561 | Defiont Environments and Sustainability | 3 |
| ARH 456 | Hungary and the United States | 3 |
| ART 401 | Art and War and Civic Engagement: Empty Bowls | 3 |
| ART 402 | Art and Activism | 3 |
| BUS 471 | Strategic Management | 3 |
| CNE 405 | Jews \& Judaism: History, Heroes, Holidays | 3 |
| COM 475 | Resisting the Politics of Everyday Life | 3 |
| COM 476 | National Parks-Created through Communication | 3 |


| COM 478 | Perspectives on Work-Life Balance, Wellness and Justice | 3 |
| :---: | :---: | :---: |
| CPS 400 | What Really Matters:Discernment, Conscience, Compassion | 3 |
| CSC 450 | Data of/by/for the People | 3 |
| EDP 461 | The Power of One: Poverty, Sustainable Development | 3 |
| EDU 595 | Restorative Justice in the Eyes of our Youth | 3 |
| ENG 400 | Novel Ecologies: History, Literature, and Environmental Crisis | 3 |
| ENG 424 | Adventurous Men and Wild Women: Genre, Gender and Geography in Fin-de-Siecle Literature | 3 |
| ENG 427 | Health, Justice and Literature | 3 |
| ENG 437 | Literature, Philosophy and Economics: In Search of Economic Justice | 3 |
| ENG 438 | Literacy And Community: Reading And Writing Toward Social Change | 3 |
| ENG 441 | Trauma in Literature | 3 |
| ENG 446 | The Body in Early English Literature | 3 |
| ENG 455 | Global Bollywood | 3 |
| ENG 483 | The Rhetoric of Emotion | 3 |
| ENG 489 | American Prisons: Punish or Reform | 3 |
| EVS 420 | Environment \& Society: Sociological Perspectives | 3 |
| EVS 430 | Violent Environments and Sustainability | 3 |
| EVS 476 | National Parks - Created through Communication | 3 |
| EVS 483 | History of Environmental Inequalities | 3 |
| EVS 488 | Global Environmental History | 3 |
| GER 468 | Resistance Throughout German History | 3 |
| HAP 404 | Bioethics and Society | 3 |
| HAP 416 | Healthcare Ethics: Public Health, Administration, and Clinical Care | 3 |
| HAP 418 | Healthcare, Society and Culture | 3 |
| HAP 422 | Health, Disease, and Suffering in the Past and Present | 3 |
| HIS 400 | Novel Ecologies: History, Literature, and Environmental Crisi | 3 |
| HIS 402 | Intersections: History of Disability | 3 |
| HIS 405 | Gender and Sexuality: A Non-Western Perspective | 3 |
| HIS 406 | FLPA to Hawaii and the Philippines: Empire in the Pacific | 3 |
| HIS 461 | History and Gender | 3 |
| HIS 475 | Medieval and Modern Religious Pilgrimage: Walking Spain's Camino de Santiago | 3 |
| HIS 477 | Science and Medicine in Social Context | 3 |
| HIS 483 | History of Environmental Inequalities | 3 |
| HIS 488 | Global Environmental History | 3 |
| HLM 499 | Capstone in Healthy Lifestyle Management | 3 |
| IDC 401 | Service Learning in Local Communities - Sports and Education | 3 |
| JPS 416 | Healthcare Ethics: Public Health, Administration, and Clinical Care | 3 |
| JPS 421 | Public Health and Social Justice in Haiti | 3 |
| JPS 430 | Violent Environments and Sustainability | 3 |
| JPS 443 | Ecclesiology in Global Context | 3 |


| JPS 460 | Models and Heroes of Service and Justice | 3 | EVS 123 | Science for a Changing Planet: An Introduction to | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| JPS 461 | The Crucified People of Today | 3 |  | Earth Systems |  |
| JPS 470 | Poverty in America | 3 | EVS 124 | Earth System Science Laboratory | 1 |
| JPS 499 | Land More Than a Job: Justice, Career, and <br> Vocational Discernment | 3 | EXS 320 | Human Physiology |  |


| CRJ 323 | Crime, Victimization and Public Health | 3 |
| :---: | :---: | :---: |
| CRJ 491 | Applied Research: Assessment and Evaluation | 4 |
| ECO 418 | Econometrics | 3 |
| EDP 362 | Dominican Republic in Context | 3 |
| EDU 299 | Understanding Educational Assessment and Statistical Reasoning | 4 |
| EDU 320 | Leadership: Theories, Styles, And Skills | 3 |
| EVS 396 | Food for Thought: Sustainability, Food, and Communication | 3 |
| EVS 459 | Environmental Communication | 3 |
| EXS 407 | Basic Statistics and Research Design | 3 |
| HAP 383 | Cultural Epidemiology: Global Perspectives | 3 |
| HAP 390 | Health Communication | 3 |
| HAP 491 | Applied Research: Assessment and Evaluation | 4 |
| ILS 320 | Theories of Leadership and Organizational Change | 3 |
| JPS 337 | Anthropology of War and Peace | 3 |
| JRM 339 | Global Case Studies | 3 |
| PLS 303 | Politics of Russia | 3 |
| PLS 311 | Politics of Africa | 3 |
| PLS 312 | Canadian Government and Politics | 3 |
| PLS 314 | The Politics of Japan | 3 |
| PLS 317 | Latin American Government And Politics | 3 |
| PLS 322 | American Presidency | 3 |
| PLS 324 | Congress And The Legislative Process | 3 |
| PLS 325 | State and Local Government | 3 |
| PLS 332 | Interest Groups and Political Parties | 3 |
| PLS 340 | International Politics | 3 |
| PLS 343 | Bombs and Rockets: National Security Policy | 3 |
| PLS 435 | Global Poverty and Development | 3 |
| PSY 315 | Research Methods And Statistics II | 3 |
| PSY 316 | Research Methods And Statistics II Laboratory | 1 |
| PSY 370 | Applying Research Methods and Statistics in Psychology | 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 415 | Social Stratification in the Dominican Republic | 3 |
| SOC 440 | Gender Communication | 3 |
| SPN 415 | Social Stratification in the Dominican Republic | 3 |
| SWK 491 | Applied Research: Assessment and Evaluation | 4 |
| Ultimate Questions (College of Arts \& Sciences only) |  |  |
| AFS 309 | Ultimate Questions: African Theology | 3 |
| NES 304 | Ultimate Questions: Where Theology Meets Neuroscience | 3 |
| PHL 300 | Ultimate Questions: Spirituality/Philosophy | 3 |
| PHL 320 | Ultimate Questions: God and Persons | 3 |
| THL 300 | Ultimate Questions: Jesus Christ, Yesterday and Today | 3 |
| THL 301 | Divine Providence, Catholic Social Teaching, \& the Problem of Climate Change | 3 |


| THL 302 | Ultimate Questions: God and the Creation of <br> Everything | 3 |
| :--- | :--- | :--- |
| THL 303 | Ignatian Spirituality and the Vocation to <br> Healthcare | 3 |
| THL 304 | Ultimate Questions: Where Theology Meets <br> Neuroscience | 3 |
| THL 305 | Ultimate Questions: Reconciliation |  |
| THL 309 | Ultimate Questions: African Christianity | 3 |
| THL 312 | The Spirituality and History of Ignatius of Loyola <br> and the Society of Jesus | 3 |
| THL 314 | Vatican II |  |
| THL 315 | Ultimate Questions: Theology of Christian <br> Marriage | 3 |
| THL 316 | Ultimate Questions: A Theology of the Catholic <br> Sacraments | 3 |
| THL 359 | Ultimate Questions in Living Religions of the World | 3 |

## Magis Core Designations Courses Designations

| Code | Title Cr | Credits |
| :---: | :---: | :---: |
| Ethics |  |  |
| AMS 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| ANT 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| ANT 350 | Forensic Anthropology Field School | 4 |
| ART 401 | Arts and Civic Engagement: Empty Bowls | 3 |
| ART 402 | Art and Activism | 3 |
| BIO 439 | Parasitology | 4 |
| BIO 464 | Neurobiology of Disease | 3 |
| BIO 467 | Developmental Biology | 4 |
| BUS 356 | Business Ethics | 3 |
| CHM 392 | Forensic Chemistry | 3 |
| CHM 499 | Chemistry Seminar | 1 |
| CHM 521 | Advanced Organic Chemistry: Synthetic Organic Methods | 3 |
| COM 490 | Communication and Community | 3 |
| CRJ 312 | Research Design for the Social Sciences | 3 |
| CRJ 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| CRJ 350 | Forensic Anthropology Field School | 4 |
| CSC 599 | Senior Capstone | 3 |
| DSC 599 | Data Science Senior Capstone | 3 |
| EDU 525 | Inclusion and Differentiation in the Elementary Classroom | 3 |
| EDU 591 | Clinical Practice (Student Teaching) | 1-14 |
| EDU 593 | Clinical Practice (Student Teaching) Seminar | 1 |
| ENG 332 | Sources and Methods of Justice | 3 |
| ENG 376 | Caring for the Poor. Poverty, Health Care, and the Novel | e 3 |
| ENG 378 | Hysteria: Gender and Health in Literature | 3 |
| ENG 386 | Medical Humanities in English Studies | 3 |


| ENG 424 | Adventurous Men and Wild Women: Genre, Gender and Geography in Fin-de-Siecle Literature | 3 |
| :---: | :---: | :---: |
| ENG 437 | Literature, Philosophy and Economics: In Search of Economic Justice | 3 |
| ENG 439 | Literacy And Technology. How Technology Shapes Cultural Literacy | 3 |
| ENG 476 | Writing and Working for Justice | 3 |
| EVS 354 | Environmental Ethics | 3 |
| EVS 439 | Parasitology | 0-4 |
| EVS 488 | Global Environmental History | 3 |
| EXS 407 | Basic Statistics and Research Design | 3 |
| FRN 410 | Introduction to Translation | 3 |
| GDE 380 | Graphic Design | 3 |
| GER 568 | The Multiplicity of German Culture: Cultural Differences and Marginality | 3 |
| HAP 312 | Research Design for the Social Sciences | 3 |
| HAP 331 | Public and Non-Profit Administration | 3 |
| HAP 404 | Bioethics and Society | 3 |
| HAP 416 | Healthcare Ethics: Public Health, Administration, and Clinical Care | 3 |
| HAP 457 | Biomedical Ethics: Philosophical and Theological Approaches | 3 |
| HIS 374 | The Politics of Heredity: Eugenics in America | 3 |
| HIS 488 | Global Environmental History | 3 |
| HIS 490 | Advanced Research Methods | 3 |
| HLM 451 | Heath and Wellness Coaching | 3 |
| ILS 303 | Ethical Dimensions of Leadership | 3 |
| JPS 416 | Healthcare Ethics: Public Health, Administration, and Clinical Care | 3 |
| JPS 460 | Models and Heroes of Service and Justice | 3 |
| JPS 499 | Land More Than a Job: Justice, Career, and Vocational Discernment | 3 |
| JPS 565 | Catholic Social Teaching | 3 |
| JRM 438 | Media Ethics and Law | 3 |
| MTH 400 | Current Issues in Mathematics | 1 |
| MTH 447 | Mathematics in Medicine and the Life Sciences I | 3 |
| MUS 300 | Music History I: Antiquity through Baroque | 3 |
| MUS 364 | Musical Theatre History and Repertoire II | 3 |
| MUS 400 | Music History II: Classical through Present | 3 |
| NES 464 | Neurobiology of Disease | 3 |
| NUR 476 | Applied Nursing Ethics | 3 |
| PHL 331 | Moral Philosophy | 3 |
| PHL 354 | Environmental Ethics | 3 |
| PHL 404 | Bioethics and Society | 3 |
| PHL 426 | The Carceral State: Police Violence, Adjudication, and Mass Incarceration | 3 |
| PHL 436 | Money and the Good Life | 3 |
| PHL 437 | Literature, Philosophy and Economics: In Search of Economic Justice | 3 |
| PHL 457 | Biomedical Ethics: Philosophical and Theological Approaches | 3 |
| PHY 491 | Physics Seminar | 1 |
| PHY 591 | Seminar in Engineering | 1-3 |
| PLS 331 | Public and Non-Profit Administration | 3 |


| PLS 483 | Public Affairs Internship | 1-6 |
| :---: | :---: | :---: |
| 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 |
| SPN 502 | Advanced Spanish Translation | 3 |
| SRP 457 | Biomedical Ethics: Philosophical and Theological Approaches | 3 |
| SWK 435 | Practice III: Social Work with Organizations and Communities | 3 |
| THL 457 | Biomedical Ethics: Philosophical and Theological Approaches | 3 |
| THL 565 | Catholic Social Teaching | 3 |
| THL 567 | Gender, Race and Morality | 3 |
| THR 341 | Play Direction And Script Analysis I | 3 |
| Oral Communication |  |  |
| AMS 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| ANT 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| ANT 338 | Understanding Global Dynamics of Food, Development, and Sustainability | 3 |
| ANT 350 | Forensic Anthropology Field School | 4 |
| ANT 491 | Applied Research: Assessment and Evaluation | 4 |
| ANT 499 | Senior Capstone: Applying the Social Sciences | 3 |
| ART 499 | Senior Thesis II | 1-3 |
| BIO 501 | Bioinformatics | 4 |
| BIO 517 | Current Topics in Genetics | 3 |
| BIO 532 | Current Topics in Cellular and Molecular Biology | 3 |
| BIO 539 | Ecology of Zoonotic Diseases | 3 |
| BIO 541 | Current Topics in Plant Biology | 3 |
| BIO 545 | Plant Diversity and Evolution | 4 |
| BIO 559 | Current Topics in Physiology | 3 |
| BIO 567 | Current Topics in Neuroscience | 3 |
| BIO 580 | Current Topics in Ecology | 3 |
| CHM 382 | Biochemistry Laboratory | 2 |
| CHM 392 | Forensic Chemistry | 3 |
| CHM 466 | Instrumental Analysis Laboratory | 0-2 |
| CHM 497 | Directed Independent Research II | 0-2 |
| CHM 521 | Advanced Organic Chemistry: Synthetic Organic Methods | 3 |
| CNE 300 | Introduction to the Ancient Mediterranean World | 3 |
| COM 462 | Gender, Work, and Organizing | 3 |
| COM 463 | Communication Consulting | 3 |
| COM 497 | Senior Research in Communication Studies | 3 |
| CRJ 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| CRJ 350 | Forensic Anthropology Field School | 4 |
| CRJ 491 | Applied Research: Assessment and Evaluation | 4 |
| CRJ 499 | Senior Capstone: Applying the Social Sciences | 3 |
| CSC 599 | Senior Capstone | 3 |
| DSC 599 | Data Science Senior Capstone | 3 |
| EDU 568 | Engaged in Math: Effective Methodologies for PreService Elementary School Teachers | 3 |


| ENG 378 | Hysteria: Gender and Health in Literature | 3 |
| :---: | :---: | :---: |
| ENG 438 | Literacy And Community: Reading And Writing Toward Social Change | 3 |
| ENG 476 | Writing and Working for Justice | 3 |
| ENG 483 | The Rhetoric of Emotion | 3 |
| ENG 489 | American Prisons: Punish or Reform | 3 |
| ENG 499 | Senior Project | 3 |
| EVS 488 | Global Environmental History | 3 |
| EVS 491 | Senior Seminar | 1 |
| EVS 539 | Ecology of Zoonotic Diseases | 3 |
| EVS 541 | Special Topics in Plant Biology | 3 |
| EVS 545 | Plant Diversity and Evolution | 4 |
| EVS 580 | Current Topics in Ecology | 3 |
| EXS 350 | Nutrition for Health and Sports Performance | 3 |
| EXS 391 | Career Preparation and Professionalism | 3 |
| EXS 407 | Basic Statistics and Research Design | 3 |
| FRN 411 | Advanced Spoken French | 3 |
| GDE 599 | Senior Capstone | 3 |
| GER 568 | The Multiplicity of German Culture: Cultural Differences and Marginality | 3 |
| GRK 410 | Diachronic Readings in Greek | 3 |
| HAP 411 | Seminar in Healthcare Administration: Healthcare Planning and Marketing | 3 |
| HAP 413 | Service Excellence and Human Resources in Healthcare | 3 |
| HAP 491 | Applied Research: Assessment and Evaluation | 4 |
| HIS 402 | Intersections: History of Disability | 3 |
| HIS 488 | Global Environmental History | 3 |
| HIS 490 | Advanced Research Methods | 3 |
| HLM 499 | Capstone in Healthy Lifestyle Management | 3 |
| ILS 304 | Financial and Quantitative Dimensions of Leadership | 3 |
| JRM 599 | Senior Capstone: Entrepreneurial Media | 3 |
| LAT 410 | Diachronic Readings in Latin | 3 |
| MTH 400 | Current Issues in Mathematics | 1 |
| MUS 363 | Musical Theatre History and Repertoire I | 3 |
| MUS 415 | Conducting | 3 |
| NES 592 | Neuroscience Senior Seminar | 1 |
| NUR 349 | Care Management Concepts Practicum II | 5 |
| NUR 477 | Evidence-Based Practice II | 2 |
| PHL 492 | Senior Seminar | 3 |
| PHY 491 | Physics Seminar | 1 |
| PHY 591 | Seminar in Engineering | 1-3 |
| PLS 591 | Senior Research Seminar In Political Science | 3 |
| PSY 316 | Research Methods And Statistics II Laboratory | 1 |
| SOC 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| SOC 499 | Senior Capstone: Applying the Social Sciences | 3 |
| SPN 405 | Spanish Phonetics | 3 |
| SPN 425 | Introduction to Literary Analysis | 3 |
| SUS 400 | Sustainable Practice: The Examined Life | 3 |
| SUS 491 | Senior Seminar | 1 |
| SWK 480 | Field Practicum Seminar II | 3 |


| SWK 491 | Applied Research: Assessment and Evaluation | 4 |
| :---: | :---: | :---: |
| THL 492 | Senior Seminar | 3 |
| THR 330 | Acting II | 3 |
| Statistical Reasoning |  |  |
| ANT 314 | Statistics for the Social Sciences | 4 |
| ANT 325 | Death Investigation: Forensic Anthropology Methods | 4 |
| ANT 491 | Applied Research: Assessment and Evaluation | 4 |
| BIO 159 | Human Biology | 4 |
| BIO 311 | Biostatistics | 4 |
| BIO 335 | Zoology | 4 |
| BIO 341 | Botany | 4 |
| BIO 372 | Animal Behavior Laboratory | 2 |
| BIO 439 | Parasitology | 4 |
| BIO 453 | Microbiology Laboratory | 1 |
| BIO 481 | Terrestrial Ecology | 4 |
| CHM 286 | Chemical and Statistical Analysis Laboratory | 2 |
| CHM 315 | Quantitative and Statistical Analysis | 4 |
| COM 261 | This is Us: Exploring Complex Communication in Family and Interpersonal Relationships | 3 |
| COM 300 | Communication Research Methods | 3 |
| COM 364 | Family Communication About Health and WellBeing | 3 |
| CRJ 314 | Statistics for the Social Sciences | 4 |
| CRJ 325 | Death Investigation: Forensic Anthropology Methods | 4 |
| CRJ 491 | Applied Research: Assessment and Evaluation | 4 |
| CSC 450 | Data of/by/for the People | 3 |
| EDU 299 | Understanding Educational Assessment and Statistical Reasoning | 4 |
| EVS 311 | Biostatistics | 4 |
| EVS 335 | Zoology | 4 |
| EVS 341 | Botany | 4 |
| EVS 372 | Animal Behavior Laboratory | 2 |
| EVS 439 | Parasitology | 0-4 |
| EVS 453 | Microbiology Lab | 1 |
| EVS 481 | Terrestrial Ecology | 4 |
| EXS 407 | Basic Statistics and Research Design | 3 |
| FPA 358 | Business of the Arts | 3 |
| GDE 380 | Graphic Design | 3 |
| HAP 314 | Statistics for the Social Sciences | 4 |
| HAP 491 | Applied Research: Assessment and Evaluation | 4 |
| JRM 440 | Media Research | 3 |
| MTH 206 | Mathematical Reasoning and Statistics | 3 |
| MTH 360 | Elementary Probability and Statistics | 3 |
| MTH 361 | Probability and Statistics in the Health Sciences | 3 |
| MTH 562 | Mathematical Statistics II | 3 |
| NUR 200 | Statistical Reasoning | 3 |
| PHY 110 | Astronomy Laboratory | 1 |
| PHY 302 | Modern Physics Laboratory | 1 |
| PHY 397 | Research Methods | 2 |
| PLS 310 | Political Science Research Methods 2 | 0-4 |
| PLS 312 | Canadian Government and Politics | 3 |


| PSY 315 | Research Methods And Statistics II | 3 |
| :---: | :---: | :---: |
| PSY 370 | Applying Research Methods and Statistics in Psychology | 3 |
| SOC 314 | Statistics for the Social Sciences | 4 |
| STA 361 | Probability and Statistics in the Health Sciences | 3 |
| SWK 491 | Applied Research: Assessment and Evaluation | 4 |
| THL 380 | Method and Theory in Theology | 3 |
| Technology |  |  |
| AMS 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| AMS 419 | Bible, Spirituality, \& American Public Life | 3 |
| AMS 570 | Making Maps that Matter. Introduction to GIS | 4 |
| ANT 314 | Statistics for the Social Sciences | 4 |
| ANT 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| ANT 325 | Death Investigation: Forensic Anthropology Methods | 4 |
| ANT 491 | Applied Research: Assessment and Evaluation | 4 |
| ANT 570 | Making Maps that Matter. Introduction to GIS | 4 |
| ARH 350 | Archaeology of Israel and Jordan | 3 |
| ART 498 | Senior Thesis I | 3 |
| BIA 253 | Management Information Systems | 3 |
| BIO 311 | Biostatistics | 4 |
| BIO 363 | Cell Structure and Function Laboratory | 1 |
| BIO 419 | Molecular Genetics Laboratory | 2 |
| BIO 450 | Physiology Laboratory | 1 |
| BIO 463 | Neurobiology Laboratory | 1 |
| BIO 501 | Bioinformatics | 4 |
| CHM 466 | Instrumental Analysis Laboratory | 0-2 |
| CNE 350 | Archaeology of Israel \& Jordan | 3 |
| COM 360 | Organizational Communication Theories | 3 |
| CRJ 314 | Statistics for the Social Sciences | 4 |
| CRJ 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| CRJ 325 | Death Investigation: Forensic Anthropology Methods | 4 |
| CRJ 491 | Applied Research: Assessment and Evaluation | 4 |
| CRJ 570 | Making Maps that Matter. Introduction to GIS | 4 |
| CSC 121 | Computers and Scientific Thinking | 3 |
| DAN 355 | Lighting Design I | 3 |
| EDU 242 | Computer Related Technologies In Teacher Education | 2 |
| ENG 330 | Sources and Methods of Writing | 3 |
| ENG 382 | History and Future of the Book | 3 |
| ENG 439 | Literacy And Technology: How Technology Shapes Cultural Literacy | 3 |
| ENG 476 | Writing and Working for Justice | 3 |
| EVS 311 | Biostatistics | 4 |
| EVS 483 | History of Environmental Inequalities | 3 |
| EVS 570 | Making Maps that Matter. Introduction to GIS | 4 |
| EXS 350 | Nutrition for Health and Sports Performance | 3 |
| EXS 401 | Exercise Prescription | 3 |
| FRN 411 | Advanced Spoken French | 3 |


| GDE 474 | Mini-Documentary Filmmaking | 3 |
| :---: | :---: | :---: |
| HAP 314 | Statistics for the Social Sciences | 4 |
| HAP 334 | Public Policy And Health Care | 3 |
| HAP 491 | Applied Research: Assessment and Evaluation | 4 |
| HIS 316 | Introduction to Digital Humanities | 3 |
| HIS 317 | Mapping History: Cartography from the Early Modern to Digital Age | 3 |
| HIS 324 | Global Perspectives in History: The Irish Experience | 3 |
| HIS 350 | Archaeology of Israel and Jordan | 3 |
| HIS 483 | History of Environmental Inequalities | 3 |
| HLM 301 | Determinants of Health | 3 |
| ILS 302 | Strategic Leadership \& Project Management | 3 |
| JPS 419 | Bible, Spirituality \& American Public Life | 3 |
| JRM 215 | Media Literacy | 3 |
| MTH 360 | Elementary Probability and Statistics | 3 |
| MTH 361 | Probability and Statistics in the Health Sciences | 3 |
| MTH 365 | Introduction to Data Science | 3 |
| MTH 400 | Current Issues in Mathematics | 1 |
| MUS 363 | Musical Theatre History and Repertoire I | 3 |
| MUS 415 | Conducting | 3 |
| NUR 357 | Professional Concepts II | 2 |
| PHL 340 | Philosophy of Language | 3 |
| PHL 358 | Social And Political Philosophy | 3 |
| PHY 499 | Research Capstone | 1 |
| PHY 512 | Optics Laboratory | 1 |
| PHY 553 | Computational Physics | 3 |
| PLS 310 | Political Science Research Methods 2 | 0-4 |
| PLS 334 | Public Policy and Healthcare | 3 |
| PSY 315 | Research Methods And Statistics II | 3 |
| SOC 314 | Statistics for the Social Sciences | 4 |
| SOC 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| SOC 570 | Making Maps that Matter. Introduction to GIS | 4 |
| SPN 405 | Spanish Phonetics | 3 |
| SPN 425 | Introduction to Literary Analysis | 3 |
| STA 361 | Probability and Statistics in the Health Sciences | 3 |
| SWK 491 | Applied Research: Assessment and Evaluation | 4 |
| THL 350 | Archaeology of Israel and Jordan | 3 |
| THL 380 | Method and Theory in Theology | 3 |
| THL 419 | Bible, Spirituality, \& American Public Life | 3 |
| THR 335 | Audition Technique | 3 |
| THR 355 | Lighting Design I | 3 |
| Written Communication |  |  |
| 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 |


| ANT 308 | An Anthropological and Transformational Approach to Alternative and Complementary Medicine | 3 |
| :---: | :---: | :---: |
| ANT 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| ANT 336 | An Introduction to Conflict Resolution | 3 |
| ANT 337 | Anthropology of War and Peace | 3 |
| ANT 383 | Cultural Epidemiology: Global Perspectives | 3 |
| ANT 499 | Senior Capstone: Applying the Social Sciences | 3 |
| ARH 386 | The History and Aesthetics of Latin American Photography | 3 |
| ART 499 | Senior Thesis II 1-3 | 1-3 |
| BIO 464 | Neurobiology of Disease | 3 |
| BIO 517 | Current Topics in Genetics | 3 |
| BIO 532 | Current Topics in Cellular and Molecular Biology | 3 |
| BIO 539 | Ecology of Zoonotic Diseases | 3 |
| BIO 541 | Current Topics in Plant Biology | 3 |
| BIO 545 | Plant Diversity and Evolution | 4 |
| BIO 559 | Current Topics in Physiology | 3 |
| BIO 580 | Current Topics in Ecology | 3 |
| BKS 390 | Introduction To African Literature | 3 |
| CHM 342 | Physical Chemistry Laboratory | 2 |
| CHM 382 | Biochemistry Laboratory | 2 |
| CHM 392 | Forensic Chemistry | 3 |
| CHM 521 | Advanced Organic Chemistry: Synthetic Organic Methods | 3 |
| CNE 300 | Introduction to the Ancient Mediterranean World | 3 |
| COM 359 | Rhetoric and Public Culture | 3 |
| CRJ 225 | From the Grave: Fundamentals of Forensic Anthropology | 3 |
| CRJ 312 | Research Design for the Social Sciences | 3 |
| CRJ 316 | Qualitative Methods, Ethnography, and Engagement | 3 |
| CRJ 499 | Senior Capstone: Applying the Social Sciences | 3 |
| DSC 599 | Data Science Senior Capstone | 3 |
| EDU 565 | Methods Of Teaching Language Arts In Elementary School | 3 |
| ENG 203 | Telling Your Story: Business Writing Skills Intensive 1 | . 5 |
| ENG 301 | Creative Writing: Narrative Forms | 3 |
| ENG 302 | Poetic Forms | 3 |
| ENG 376 | Caring for the Poor. Poverty, Health Care, and the Novel | 3 |
| ENG 382 | History and Future of the Book | 3 |
| ENG 386 | Medical Humanities in English Studies | 3 |
| ENG 390 | Introduction To African Literature | 3 |
| ENG 424 | Adventurous Men and Wild Women: Genre, Gender and Geography in Fin-de-Siecle Literature | 3 |
| ENG 437 | Literature, Philosophy and Economics: In Search of Economic Justice | 3 |
| ENG 438 | Literacy And Community: Reading And Writing Toward Social Change | 3 |
| ENG 439 | Literacy And Technology: How Technology Shapes Cultural Literacy | 3 |
| ENG 441 | Trauma in Literature | 3 |


| ENG 445 | Daughters of Erin: Irish Women Writers | 3 |
| :---: | :---: | :---: |
| ENG 455 | Global Bollywood | 3 |
| ENG 476 | Writing and Working for Justice | 3 |
| ENG 483 | The Rhetoric of Emotion | 3 |
| ENG 489 | American Prisons: Punish or Reform | 3 |
| ENG 499 | Senior Project | 3 |
| EVS 488 | Global Environmental History | 3 |
| EVS 539 | Ecology of Zoonotic Diseases | 3 |
| EVS 541 | Special Topics in Plant Biology | 3 |
| EVS 545 | Plant Diversity and Evolution | 4 |
| EVS 580 | Current Topics in Ecology | 3 |
| EXS 350 | Nutrition for Health and Sports Performance | 3 |
| FRN 410 | Introduction to Translation | 3 |
| FRN 411 | Advanced Spoken French | 3 |
| GER 568 | The Multiplicity of German Culture: Cultural Differences and Marginality | 3 |
| GRK 410 | Diachronic Readings in Greek | 3 |
| HAP 312 | Research Design for the Social Sciences | 3 |
| HAP 331 | Public and Non-Profit Administration | 3 |
| HAP 383 | Cultural Epidemiology: Global Perspectives | 3 |
| HIS 374 | The Politics of Heredity: Eugenics in America | 3 |
| HIS 402 | Intersections: History of Disability | 3 |
| HIS 405 | Gender and Sexuality: A Non-Western Perspective | 3 |
| HIS 477 | Science and Medicine in Social Context | 3 |
| HIS 488 | Global Environmental History | 3 |
| HIS 490 | Advanced Research Methods | 3 |
| HLM 450 | Lifestyle Medicine | 3 |
| ILS 499 | Leadership Capstone | 3 |
| JPS 337 | Anthropology of War and Peace | 3 |
| JRM 319 | Media Writing | 3 |
| JRM 320 | Professional Writing | 3 |
| JRM 341 | Public Relations Writing | 3 |
| LAT 410 | Diachronic Readings in Latin | 3 |
| MGT 301 | Managerial Process And Organizational Behavior | 3 |
| MTH 471 | Mathematical Analysis | 3 |
| MUS 300 | Music History I: Antiquity through Baroque | 3 |
| MUS 364 | Musical Theatre History and Repertoire II | 3 |
| MUS 400 | Music History II: Classical through Present | 3 |
| NES 464 | Neurobiology of Disease | 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 |
| 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 | 3 |
|  | 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) |  |

