

UNIVERSITY OF DETROIT MERCY OUTCOMES-BASED CORE CURRICULUM STRUCTURE

Effective Fall 2017

KNOWLEDGE AREAS	
KNOWLEDGE AREA A - COMMUNICATION SKILLS	6
KA-A1. Oral Communication (3)	
KA-A2. Written Communication (3)	
KNOWLEDGE AREA B – MATHEMATICAL & STATISTICAL KNOWLEDGE	6
KA-B1. Quantitative & Symbolic Reasoning (3)	
KA-B2. Statistical & Probabilistic Reasoning (3)	
KNOWLEDGE AREA C – SCIENTIFIC KNOWLEDGE	6
KA-C1. Physical Science (3)	
KA-C2. Social Science (3)	
KNOWLEDGE AREA D – RELIGIOUS & PHILOSOPHICAL KNOWLEDGE	9
KA-D1. PHIL 1000 (3)	
KA-D2. One 2000-level RELS Course (3)	
KA-D3. PHL or RELS Elective (3)	
KNOWLEDGE AREA E – ESSENTIAL HUMANITIES	9
KA-E1. Historical Experience (3)	
KA-E2. Literary Experience (3)	
KA-E3. Aesthetic Experience (3)	
KNOWLEDGE AREA F – ETHICS & SOCIAL RESPONSIBILITY	3
F1. Ethics (3)	
TOTAL CREDITS	39

INTEGRATING THEMES*	
INTEGRATING THEME 1 – READING, WRITING, & RESEARCH ACROSS THE UNIVERSITY	3
INTEGRATING THEME 2 – CRITICAL THINKING	3
INTEGRATING THEME 3 – CULTURAL DIVERSITY	3
INTEGRATING THEME 4 – HUMAN DIFFERENCE	3
INTEGRATING THEME 5 – PERSONAL SPIRITUAL DEVELOPMENT	3
INTEGRATING THEME 6 – SPIRITUALITY & SOCIAL JUSTICE	3
TOTAL CREDITS	18

*Each IT requirement may be fulfilled by a course in the student's major that has been approved for the Core Curriculum or by another Core Curriculum course.

KNOWLEDGE AREA A – COMMUNICATION SKILLS

KA-A1. ORAL COMMUNICATION - LEARNING OUTCOMES

- A1.1:** Demonstrate an understanding of the types of speech presentation. (Comprehension)
- A1.2:** Formulate a clear, achievable, ethical purpose for a speech. (Application)
- A1.3:** Analyze an audience and adapt the speech to achieve a specific purpose. (Analysis)
- A1.4:** Deliver a speech extemporaneously. (Application)
- A1.5:** Demonstrate effective use of voice (pitch, rate, volume, etc.) and nonverbal cues (eye contact, gestures, etc.) to achieve a speech goal. (Application)
- A1.6:** Integrate supporting material and supplementary aids into a speech in an ethical manner. (Application)
- A1.7:** Demonstrate an understanding of the role and elements of speaker credibility and integrate elements to enhance credibility. (Application)

KA-A2. WRITTEN COMMUNICATION - LEARNING OUTCOMES

- A2.1:** Develop and use metacognitive or alternative strategies to comprehend text and other resource content. (Application)
- A2.2:** Summarize the main ideas and key details of written texts and other forms of communication. (Analysis)
- A2.3:** Engage in pre-writing activities that generate ideas and explore facts, feelings, and assumptions, while employing a process that fosters self-knowledge and further inquiry. (Application)
- A2.4:** Develop a purposeful writing process appropriate to the argumentative or analytic nature of academic work that includes generating ideas, focusing, drafting, and revising—revision being a process that involves reflection, editing, feedback and publishing for a particular audience. (Application)
- A2.5:** Create a thesis statement or main claim and supporting claims for academic presentation and argument (on the basis of further inquiry.) (Synthesis)
- A2.6:** Determine target audiences and demonstrate rhetorical strategies appropriate in form and tone to engage the audience using standard, discipline-appropriate academic language and documentation. (Evaluation)
- A2.7:** Use appropriate research strategies with a variety of resources to support research papers and other academic arguments, including: analyzing sources for relevance to the argument, and synthesizing these sources into written work while avoiding plagiarism and infringements of copyright regulations. (Synthesis)

KNOWLEDGE AREA B – MATHEMATICS / STATISTICAL KNOWLEDGE

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-B1. QUANTITATIVE & SYMBOLIC REASONING - LEARNING OUTCOMES

B1.1: Demonstrate number sense. Estimate and check answers to mathematical problems in order to determine reasonableness, identify alternatives, and select optimal results. Make appropriate use of technology, being mindful of its limitations when solving problems. (Knowledge and Application)

B1.2: Recognize the behavior of polynomial, rational, radical, exponential, and logarithmic models. Represent the quantitative phenomena in these models using verbal, graphical, tabular and symbolic form. (Knowledge and Application)

B1.3: Solve problems using mathematical (arithmetical, algebraic, geometric, and statistical) methods. (Application and Analysis)

B1.4: Correctly convert, interpret, and analyze different units of measure. (Application and Analysis)

B1.5: Use mathematical models to interpret, hypothesize, and communicate about quantitative phenomena, such as the behavior of drugs in the blood, changes in populations, and fluctuations in prices. (Application and Synthesis)

KA-B2. STATISTICAL & PROBABILISTIC REASONING - LEARNING OUTCOMES

B2.1: Use simple sampling and estimation techniques. (Application)

B2.2: Perform basic statistical analyses, including hypothesis testing and confidence intervals. (Application)

B2.3: Represent data groups graphically and symbolically for various types of data, such as demographic information. (Application)

B2.4: Apply concepts of probability and probability measures, for instance, in determining risk assessment or interpreting predictions. (Application)

B2.5: Analyze and evaluate common statistical situations, such as making a claim of a novel scientific finding or outcomes of polls and surveys. (Analysis and evaluation)

B2.6: Recognize that mathematical and statistical methods have limits, and be able to identify their misuse. (Evaluation)

B2.7: Effectively communicate technical results of statistical work. (Synthesis)

KNOWLEDGE AREA C – SCIENTIFIC KNOWLEDGE

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-C1. PHYSICAL SCIENCES - LEARNING OUTCOMES

C1.1: Acquire basic contemporary science literacy that enables discussion of scientific issues at a non-professional level of expertise. (Knowledge)

C1.2: Apply the distinctively empirical methodology of the sciences to study physical phenomena. (Application)

C1.3: Recognize the interdisciplinary aspect of science, not only to other forms of scientific inquiry, but to fields of study outside of science. (Comprehension)

C1.4: Identify ethical boundaries and implications of contemporary scientific developments. (Comprehension)

C1.5: Identify the historical development and social impact of science. (Knowledge)

KA-C2. SOCIAL SCIENCES - LEARNING OUTCOMES

C2.1: Identify major ideas and theories and their application in the social sciences. (Application)

C2.2: Recognize how scientific methodology is used to study major areas of both personal and public life. (Comprehension)

C2.3: Evaluate the implications of qualitative and quantitative methods and their results. (Evaluation)

C2.4: Recognize the relationship between the social sciences and other academic disciplines. (Comprehension)

C2.5: Distinguish the use and misuse of research findings from the social sciences in public life. (Analysis)

KNOWLEDGE AREA D – RELIGIOUS AND PHILOSOPHICAL KNOWLEDGE

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-D1: PHILOSOPHICAL KNOWLEDGE - LEARNING OUTCOMES

D1.1: Define the basic elements of the logical analysis of arguments. (Knowledge)

D1.2: Recognize the role of philosophy as a foundation for other modes of inquiry. (Comprehension)

D1.3: Identify and discuss central issues of philosophy, that is, questions concerning truth and knowledge, reality, moral values, and social justice. (Comprehension)

D1.4: Recognize the rich diversity of philosophical viewpoints. (Comprehension)

D1.5: Provide rational support for their beliefs, and fairly and reasonably evaluate the positions of others. (Application)

KA-D2. RELIGIOUS KNOWLEDGE - LEARNING OUTCOMES

D2.1: Identify sources and purposes of religious ideas and rituals and how differences of interpretation form within and among religions. (Comprehend)

D2.2: Explain the role of religion and spirituality in human life and society, regardless of their personal beliefs. (Application)

D2.3: Demonstrate a critical appreciation for the approach, analysis, and comprehension of religion through the broader perspectives of various disciplines. (Synthesis)

KNOWLEDGE AREA D – RELIGIOUS AND PHILOSOPHICAL KNOWLEDGE, Cont.

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-D3: PHILOSOPHY OR RELIGIOUS STUDIES DEPTH REQUIREMENT

Choose one of approved courses—either a PHL or a RELS course—for this category from document “List of Approved Core Curriculum Courses.”

D3-PHILOSOPHY

D3-PHL.1: Identify and discuss specific areas, issues, or questions in philosophy, particular philosophers, or historical periods in philosophy. (Deeper Comprehension)

D3-PHL.2: Recognize, compare, and contrast the rich diversity of philosophical viewpoints on a given topic or question or within a particular historical period. (Deeper Comprehension)

D3-PHL.3: Evaluate this diversity of viewpoints using the principles of the philosophical method, grounded in the basics of sound argumentation. (Deeper Application)

D3-RELIGIOUS STUDIES

D3-RELS.1: Employ one or more academic methods in the study of religion (literary studies, history, philosophy, feminist studies, psychology, sociology, anthropology, cultural studies, or theology) to examine one or more religious traditions in depth. (Deeper Application)

D3-RELS.2: Outline and critique the issues as identified by scholars who have expertise in the religious tradition(s) as well as the academic method(s). (Analysis and Evaluation)

D3-RELS.3: Generate research based on what has been learned about the religious tradition(s) and the academic method(s). (Creation)

KNOWLEDGE AREA E – ESSENTIAL HUMANITIES

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-E1: HISTORICAL EXPERIENCES - LEARNING OUTCOMES

E1.1: Recognize and appreciate the forces of historical continuity and change. (Comprehension)

E1.2: Explain the relationships among historical events, culture and social forces. (Comprehension)

E1.3: Demonstrate how history and the writing of history influence culture and social perspectives, and how culture and social perspectives influence history and the writing of history. (Application)

E1.4: Evaluate historical and contemporary perspectives about the world. (Evaluation)

E1.5: Explain how major historical events shape societies. (Comprehension)

KA-E2: LITERARY EXPERIENCES - LEARNING OUTCOMES

E2.1: Develop an awareness of the diverse literatures and genres that express human experiences and represent varied cultural perspectives. (Knowledge)

E2.2: Recognize how various theoretical perspectives may alter or illuminate the interpretation of a work of literature. (Comprehension)

E2.3: Demonstrate an understanding of the problems associated with literary representation, such as the relationship of a given work of literature to the culture of which it is an artifact, the relationship between one text and another and the relationship between the author, the text and the reader. (Application)

E2.4: Compare and contrast literary theories as they complement, overlap with, or conflict with each other and with the perspectives of other disciplines. (Evaluation)

E2.5: Write analytic essays as well as less formal responses to literature making use of a literary critical vocabulary to address issues in specific texts. (Analysis)

KNOWLEDGE AREA E – ESSENTIAL HUMANITIES, Cont.

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-E3: AESTHETIC EXPERIENCES - LEARNING OUTCOMES

E3.1: Demonstrate basic visual and aural literacy. (Knowledge)

E3.2: Comprehend the historic development of an artistic form and locate specific works within that tradition. (Comprehension)

E3.3: Explain the relationship between artistic production and the culture in which it arises. (Comprehension)

E3.4: Discuss the multiple interpretative possibilities of any artistic production and how they change over time. (Comprehension)

E3.5: Evaluate works of art in light of aesthetic principles and historic precedent. (Evaluation)

E3.6: Distinguish works of fine art from products of popular and vernacular culture. (Evaluation)

E3.7: Formulate cogent arguments about artistic works using the appropriate critical and technical vocabulary. (Application)

E3.8: Apply critical principles to the examination of an immediate, direct personal experience with a work of art. (Application)

KNOWLEDGE AREA F – ETHICS AND SOCIAL RESPONSIBILITY

Courses Approved for Knowledge Areas B-F of the Core also must fulfill the first two Learning outcomes for Integrating Theme 1: IT1.1 and IT1.2.

KA-F1: ETHICS - Learning Outcomes

F1.1: Define basic norms of other-regarding (moral) conduct (Knowledge)

F1.2: Recognize the moral dimension of everyday human interactions and experiences (Comprehension)

F1.3: Recognize at personal, professional and societal levels the significant moral interests and claims of individuals and the common good (Comprehension)

F1.4: Compare and contrast basic theories of moral reasoning by evaluating their strengths and weaknesses (Evaluation)

F1.5: Formulate and support ethical judgments by assessing relevant values, principles, virtues, rights and responsibilities of all concerned (Synthesis)

INTEGRATING THEME 1 – READING, WRITING, & RESEARCH ACROSS THE UNIVERSITY

LEARNING OUTCOMES

- IT1.1:** Develop a purposeful writing process appropriate to the argumentative and analytic nature of academic work that includes generating ideas, focusing, drafting, and revising—revision being a process that involves reflection, editing, feedback and publishing for a particular audience. (Application)
- IT1.2:** Comprehend and practice ethical methods to avoid plagiarism and infringements of copyright regulations. (Application)
- IT1.3:** Develop and use metacognitive or alternative strategies in order to comprehend text and other resource content. (Application)
- IT1.4:** Demonstrate the ability to summarize the main ideas and key details of a resource. (Analysis)
- IT1.5:** Employ appropriate research strategies with a variety of resources. Evaluate the resources used and the information selected from them. (Evaluation)
- IT1.6:** Document resource citations according to standard writing styles, such as APA and MLA. In cases of scientific papers or lab reports cite resources and findings in a method that effectively communicates the results of an experiment. (Synthesis)
- IT1.7:** Determine target audiences and develop rhetorical strategies appropriate to those audiences. (Analysis)
- IT1.8:** Develop and refine proficiency in punctuation, spelling, grammatical usage, parallel structure, varied and mature sentence structure, and other elements of Standard Written English. (Application)
- IT1.9:** When writing scientific papers, describe and apply basic empirical research methods, including research design, analysis of data and of causal relationships, and interpretation of results. Recognize the strengths and limitations of empirical evidence-based research methods in a specific field of study. (Application)

INTEGRATING THEME 2 – CRITICAL THINKING

LEARNING OUTCOMES

- IT2.1:** Identify the assumptions, methods, and standards of evidence in various fields of study. (Comprehension)
- IT2.2:** Recognize the discipline-specific language of signs and symbols and their role across disciplines (Comprehension)
- IT2.3:** Apply the fundamentals of sound argumentation in order to critically analyze the evolving aspects of human knowledge and experience. (Application)
- IT2.4:** Compare different opinions and claims of knowledge, and recognize the limitations of their own perspectives. (Analysis)
- IT2.5:** Discriminate between results and conclusions, and evaluate their implications. (Evaluation)

INTEGRATING THEME 3 – CULTURAL DIVERSITY

LEARNING OUTCOMES

IT3.1: Express a basic knowledge of a variety of cultures and the issues and challenges experienced. (Comprehension)

IT3.2: Recognize the interdependence of cultures in both domestic and global terms. (Comprehension)

IT3.3: Recognize the intellectual and/or spiritual limitations of their own cultural assumptions and biases by attaining new perspectives and demonstrate an understanding of diverse ways of knowing. (Application)

IT3.4: Cultivate intercultural competence. (Application)

INTEGRATING THEME 4 – HUMAN DIFFERENCE

LEARNING OUTCOMES

IT4.1: Express greater interpersonal understanding, recognizing that human differences, such as gender, race, ethnicity, class, sexuality, ableness, and other identity categories, are complex and varied. (Comprehension)

IT4.2: Interpret ways in which group identities are formed in a heterogeneous society. (Application)

IT4.3: Evaluate the issues arising from inequity, prejudice and exclusion in contemporary societies. (Evaluation)

INTEGRATING THEME 5 – PERSONAL SPIRITUAL DEVELOPMENT

LEARNING OUTCOMES

IT5.1: Articulate the Ignatian and Mercy charisms in the context of the Catholic intellectual tradition as a faith that engages the world.

IT5.2: Recognize the value of the human person, human endeavor, human community, and the theological belief in a world that is inherently good.

IT5.3: Examine one's experience with regard to the search for transcendence, faith, and spirituality.

IT5.4: Explore one's personal vocation and mission.

INTEGRATING THEME 6 – SPIRITUALITY & SOCIAL JUSTICE

LEARNING OUTCOMES

IT6.1: Appraise and evaluate the goals, values, and conceptions of social justice.

IT6.2: Cultivate an understanding of the dynamics of economic, political, and social injustice.

IT6.3: Investigate remedies to social injustice.