

MERCYHURST UNIVERSITY 2015-2016 DEGREE REQUIREMENTS

Name _____

CORE CURRICULUM

CORE AREA I. Required Freshmen Component (Take 1 in each subcategory)

Interdisciplinary/ Integrative

Research & Writing

Literary Classics

CORE AREA II. Religious & Philosophical Inquiry (Take 1 in each subcategory)

Religious Traditions

Philosophy

CORE AREA III. Language or Literature (Take only 1)

Language/Literature

CORE AREA IV. Civic Responsibility & Historical Understanding (Take 1 in each subcategory)

U.S. History **or** American Government

European or World History

CORE AREA V. Scientific, Quantitative & Critical Reasoning (Take 1 in each subcategory)

Natural Science w/ lab

Math/Comp Systems

CORE AREA VI. Arts Encounter (Take only 1)

CORE AREA VII. Analysis of Indv & Society (Take 2)

CORE AREA VIII. Global Awareness, Responsibilities, Religions, Cultures and Politics (Take 2)

CORE AREA IX. Any Course from Categories II-VIII (Take 1)

CORE AREA X. Mercyhurst Senior Capstone

Ethics

- 1) Research & Writing and Mathematics must be taken in the first year.
- 2) Applied Ethics or Social Ethics must be taken during senior year.
- 3) A minimum of 121 credits are required to graduate.

**** All students MUST take at least 2 Religious Studies Courses - one from Core Area II and an additional Religious Studies course from any other Core Area excluding Core Area X (Senior Capstone)**

MAJOR - MATHEMATICS

MATH 170 Calculus I

MATH 171 Calculus II

MATH 150 Linear Algebra

MATH 233 Calculus III

MATH 240 Differential Equations

MATH 245 Geometry

MATH 265 Transition to Advanced Mathematics

MATH 280 Modern Algebra I

MATH 281 Modern Algebra II

MATH 291 Statistical Analysis

MATH 370 Advanced Calculus

Programming Elective

MATH 400 Topics in Mathematics * may be repeated

MINOR - MATHEMATICS

MATH 150 Linear Algebra

MATH 170 Calculus I

MATH 171 Calculus II

MATH 233 Calculus III

Take Four (4) courses from the following:

MATH 240 Differential Equations

MATH 245 Geometry

MATH 265 Transition to Advanced Mathematics

MATH 280 Modern Algebra I

MATH 281 Modern Algebra II

MATH 291 Statistical Analysis

MATH 370 Advanced Calculus

MIS 126 Programming I

PHYS 201/203 General Physics I & Lab

PHYS 202/206 General Physics II & Lab

MATH 400 Topics in Mathematics * may be repeated