**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.

**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

**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)**