# MERCYHURST COLLEGE 2007-2008 DEGREE REQUIREMENTS

## Name

## Major

### CORE CURRICULUM

#### COMMON CORE

- American History
- Arts Appreciation
- College Writing I
- College Writing II
- European or World History
- Mathematics
- Natural Science
- Philosophy
- Religious Traditions
- Western or World Classics

#### DISTRIBUTION CORE

- Behavior/Social Science (3 credits) - Human Growth and Development
- Behavior/Social Science (3 credits)
- Ethics
- Humanities
- Mathematics/Natural Sciences
- Religious Studies
- World Perspectives (3 credits)
- World Perspectives (3 credits)

### MAJOR - MATHEMATICS EDUCATION

1. MATH 170 Calculus I
2. MATH 171 Calculus II
3. MATH 233 Calculus III
4. MIS 126 C++ Programming I
5. MATH 150 Linear Algebra
6. MATH 240 Differential Equations
7. MATH 245 Geometry/Education
8. MATH 250 Numerical Analysis
9. MATH 260 Applied Mathematics
10. MATH 265 Transition to Advanced Mathematics
11. MATH 280 Modern Algebra
12. MATH 290 Probability Theory
13. MATH 291 Statistical Analysis
14. MATH 300 Methods in Secondary Education Mathematics
15. MATH 370 Advanced Calculus

16. HDFR 110 Human Growth & Development
17. EDUC 274/275 Seminar in Inclusive Education/Classroom Management
18. EDUC 201 Foundations of Education
19. EDUC 302 Educational Psychology
20. EDUC 300 Methods in Sec. Ed Mathematics
21. EDUC 475 Student Teaching

The student must complete at least two terms of 10 hours each of tutoring assistance through Academic Skills Center before graduation.

1. College Writing I, College Writing II and Mathematics must be taken in the first year.
2. Behavior/Social Sciences-Choose courses from two different depts; one must be taken in first year.
3. Mathematics/Natural Sciences courses taken from Distribution Core must differ from the Mathematics/Natural Sciences courses taken from Common Core; the second Natural Sciences must be taken from different dept.
4. World Perspectives: one must be non-Western.
5. Applied Ethics or Social Ethics must be taken during senior year.
6. 120 credits are required for graduation. See the College Catalog for complete details concerning graduations requirements.