# MERCYHURST COLLEGE 2006-2007 DEGREE REQUIREMENTS

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## 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)
- Behavior/Social Science (3 credits)
- Ethics
- Humanities
- Mathematics/Natural Sciences
- Religious Studies
- World Perspectives (3 credits)
- World Perspectives (3 credits)

## MAJOR-MATHEMATICS

- MATH 170 Calculus I
- MATH 171 Calculus II
- MATH 233 Calculus III
- MIS 126 C++ Programming I
- MATH 150 Linear Algebra
- MATH 240 Differential Equations
- MATH 235 Operations Research
- MATH 250 Numerical Analysis
- MATH 260 Applied Mathematics
- MATH 265 Transition to Advanced Mathematics
- MATH 280 Modern Algebra
- MATH 290 Probability Theory
- MATH 291 Statistical Analysis
- MATH 370 Advanced Calculus
- MIS 226 C++ Programming II or Math 400 OR Internship/Co-op

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 graduation requirements.

9/06