

MATHEMATICS

Semester Course Requirements - B.S.

for students beginning Sept 2003 or later

Requirements for Bachelor of Science: minimum of 128 SH with at least a 2.0 QPA
Requirements for B. S. in Mathematics:

- 9 Required mathematics courses (9*4SH = 36 SH)
- 5 Math. Electives (may include the Exper. Ed. Course) (5*4SH = 20SH)
- 2 Physics courses + Labs (2 * 5SH = 10 SH)
- 7 Arts and Science Core courses (7*4SH = 28 SH)
- 8 free electives (8*4Sh = 32 SH)
- (+ 3 1-credit seminars) (3 SH)

Required Mathematics Courses - 9 Courses

Math Discovery & Computers:	MTH U170	
Calculus 1, 2:	MTH U241	MTH U242
Calculus 3	MTH U341	
ODEs	MTH U345	
Linear Algebra	MTH U371	
Prob. & Stat.	MTH U481	
Real Analysis	MTH U550	
Groups/Rings	MTH U575	

Mathematics Electives - 5 Courses from U4xxx or higher

These courses should be chosen in consultation with your advisor and will depend upon your choice of track. There are 3 Mathematics tracks. They are Education, Industrial and Pure.

Experiential Education Requirement - 1 course (may count as one of the 5 math electives)

There is an experiential education requirement for all students.
In the math department these may be satisfied by the following courses
MTH U725, MTH U790, MTH U951

Math Seminars - 1 credit courses

MTH U100 Intro to college MTH U300, U400 Coop Reflection Seminars

Physics - 2 courses (course consists of a Lecture and a corresponding Lab)

Physics 1 and 2 for science majors PHY U161 + 162, PHY 165 + 166

A & S Core requirements - 7 Courses

- Category I: Freshman English
- Category II: Arts/Humanities
- Category II: Social World
- Category III: Diversity
- Category I: Middler writing
- Category IV: History/Ethics/Aesthetics
- Category V: Analysis

Other Math Courses - 3 1-credit courses

Intro to College Coop Reflection 1 Coop Reflection 2