

**Four Year Model Plan of Study for a Major in Mathematics
2009-2010**

First Year			
Fall Semester		Spring Semester	
Engl 160	3 hours	Engl 161	3 hours
Math 180 ¹	5 hours	Math 181	5 hours
Foreign Language	4 hours	Foreign Language	4 hours
General Education Requirement Course	3 hours	General Education Requirement Course	3 hours
Total	15 hours	Total	15 hours
Second Year			
Fall Semester		Spring Semester	
Math 210	3 hours	Math 320	3 hours
Math 215	3 hours	Math 300	1 hour
Foreign Language	4 hours	Foreign Language	4 hours
General Education Requirement Course	3-5 hours	General Education Requirement Course	5 hours
Electives	3 hours	General Education Requirement Course	3 hours
Total	16-18 hours	Total	16 hours
Third Year			
Fall Semester		Spring Semester	
Math 330 or Math 313	3 hours	Math 330 or Math 313 or MSCS elective	3 hours
Math 313 or Math 330 or MSCS elective ²	3 hours	MSCS Elective ²	3 hours
General Education Requirement Course	3 hours	General Education Requirement Course/Elective	3 hours
General Education Requirement Course	3-5 hours	General Education Requirement Course/Elective	3 hours
Electives	3 hours	Electives	3 hours
Total	15-17 hours	Total	15 hours
Fourth Year			
Fall Semester		Spring Semester	
Two MSCS electives (at least one at 400 level) ²	6 hours	Two MSCS electives(at least one at 400 level) ²	6 hours
Electives	9 hours	Electives	9 hours
Total	15 hours	Total	15 hours

1. Math 180 satisfies the LAS Quantitative Reasoning Requirement.

2. See the Math advising guides for suggested elective options: Pure Mathematics, Applied Mathematics, Computational and Industrial Mathematics, and Probability and Statistics.

Note: Students must earn at least 40 hours at the 200, 300, or 400-level at a 4-year college or university. These hours may include hours in the major.

Note: Beginning fall 2007, the General Education Requirement is 9 courses, 2 laboratory courses from Analyzing the Natural World, 1 course from each of Understanding the Individual and Society, Understanding the Past, Understanding the Creative Arts , Exploring World Cultures, and Understanding U.S. Society.. The 2 additional courses taken from any of these categories are satisfied by Math 180 and 181.