

**Four Year Model Plan of Study for a Major in Mathematics  
Fall 2003**

First Year			
Fall Semester		Spring Semester	
Engl 160 Math 180 <sup>1</sup> Foreign Language Humanities, Social Sciences, or Cultural Diversity	3 hours 5 hours 4 hours 3-4 hours	Engl 161 Math 181 Foreign Language Humanities, Social Sciences, or Cultural Diversity	3 hours 5 hours 4 hours 3-4 hours
Total	15-16 hours	Total	15-16 hours
Second Year			
Fall Semester		Spring Semester	
Math 210 Math 215 Foreign Language Natural Sciences	3 hours 3 hours 4 hours 5 hours	Math 320 Math 300 Foreign Language Natural Sciences Humanities, Social Sciences, or Cultural Diversity	3 hours 1 hour 4 hours 5 hours 3-4 hours
Total	15 hours	Total	16-17hours
Third Year			
Fall Semester		Spring Semester	
Math 330 Math 413 Natural Sciences Humanities, Social Sciences, or Cultural Diversity Humanities, Social Sciences, or Cultural Diversity	3 hours 3 hours 3-5 hours 3-4 hours 3 hours	Math 414 Math, Stat, or MCS 4xx <sup>2</sup> Humanities, Social Sciences, or Cultural Diversity Humanities, Social Sciences, or Cultural Diversity Collateral course or electives <sup>3</sup>	3 hours 3 hours 3 hours 3-4 hours 3 hours
Total	15-18 hours	Total	15-16 hours
Fourth Year			
Fall Semester		Spring Semester	
Math, Stat, or MCS 4xx <sup>2</sup> Math elective <sup>4</sup> Collateral course or electives <sup>3</sup>	3 hours 3 hours 9 hours	Math elective <sup>4</sup> Collateral course or electives <sup>3</sup>	3 hours 10 hours
Total	15 hours	Total	13 hours

1. Math 180 satisfies the LAS Quantitative Reasoning Requirement.

2. Two courses must be chosen from Math 417, 425, 430, 435, 445, 480, Stat 401, and MCS 401, 421. Some of these courses have prerequisites not listed in this table.

3. Collateral courses are required that satisfy one of three options: 1) A minor in another department, 2) Phys 141, 142, 244, and 245, or 3) a program designed with a departmental advisor. These courses may be used to satisfy requirements for Humanity, Social Science, Natural Science, or Cultural Diversity.

4. Two courses must be taken in Math, Stat, or MCS at the 200, 300, or 400 level. This cannot include Math 310.

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.