

Four Year Model Plan of Study for a Major in Statistics and Operations Research 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
MCS 260	4 hours	IDS 270	4 hours
Total	16 hours	Total	16 hours
Second Year			
Fall Semester		Spring Semester	
Math 210	3 hours	Math 300	1 hour
Econ 130	5 hours	IDS 371	3 hours
Foreign Language	4 hours	Econ 218	4 hours
General Education Requirement Course	3 hours	Foreign Language	4 hours
		General Education Requirement Course	3-5 hours
Total	15 hours	Total	15-17 hours
Third Year			
Fall Semester		Spring Semester	
IDS 355	3 hours	Stat 401	3 hours
Stat 381 ⁵	3 hours	Math 310	3 hours
Computing Elective ²	3 hours	Computing Elective ²	3 hours
General Education Requirement Course	3 hours	General Education Requirement Course	3-5 hours
General Education Requirement Course	3 hours	General Education Requirement Course	3 hours
Total	15 hours	Total	15-17 hours
Fourth Year			
Fall Semester		Spring Semester	
Operations Research elective ³	3 hours	Operations Research elective ³	3 hours
General Education Requirement Course	3-5 hours	Statistics Electives ⁴	6 hours
General Education Requirement Course/Elective	3 hours	Math Electives ⁵	3 hours
General Education Requirement Course/Elective	3 hours	Electives	3 hours
Math Electives ⁵	3 hours		
Total	15-17 hours	Total	15 hours

1. Math 180 satisfies the LAS Quantitative Reasoning Requirement.

2. Two courses must be taken from MCS 261, 275, IDS 400, 401, 405, 410.

3. Two courses must be taken from Stat 471 or IDS 435; Stat 473; Stat 461 or IDS 437.

4. Two courses must be taken from Stat 381, 411, 416, 481, 494; IDS 470, 476; Stat 431 or IDS 460.

5. Electives in statistics, operations research, mathematics, and computing chosen in consultation with an advisor from the program from: Math 220, MCS 360, Stat 381, Any 400 level IDS, MCS, Math, and Stat classes.

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. 2 additional courses will be taken from any of these categories, and may be courses in the major.