

Name: _____

ID#: _____

Department of Mathematics and Statistics

MATHEMATICAL COMPUTING CONCENTRATION

Lower Division Requirements

Course	Title	Semester
Math 131	Calculus I	
Math 132	Calculus II	
Math 233	Calculus III	
Math 235	Linear Algebra	
Info 190S (or CS 121)	Programming	
Math 370	Junior Year Writing	

Integrative Experience (IE) for Primary Math/Stat Majors

One of the following:

- Math 455
- Math 456
- Math 475
- Stat 525

The IE can also satisfy another requirement on this page.

Discrete Mathematics

Choose one (1) sequence:

- CS 187 then CS 250 OR
- Math 300 then Math 455 (also satisfies Math/Stat IE requirement).

Taking CS 187 and 250 is strongly recommended.

Course	Semester

Comments:

Upper Division Requirements

Course	Title	Semester
Math 411	Intro to Abstract Algebra	
Stat 515	Statistics I	
Math 551	Intro to Scientific Computing	
CS 311	Intro to Algorithms	

Upper Division Electives

Two of: Math 331, Math 412, Math 456 (also satisfies Math/Stat IE requirement), Math 471, Math 545, Math 571, Math 552, Math 597U or Stat 516

Course	Semester

One of: CS 501, CS 575 or Math 513

Course	Semester

CS Elective

Choose one (1) 300+ level Computer Science course, but not CICS 305, CS 311, or any course used to satisfy another requirement on this sheet.

Course	Semester