Simmons UNIVERSITY

Mathematics
Academic Planning Worksheet
2018-2019 Catalog

Notes

- Major requires 48-52 credit hours.
- See Simmons PLAN worksheet for all-college requirements.
- Some students will have taken the equivalent of MATH 120 & 121 in high school; others will take MATH 120 & 121 at Simmons prior to taking MATH 220.

Major Core

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
MATH 118 OR MATH 227	Introductory Statistics OR Statistical Design and Analysis	4	
MATH 210	Discrete Math	4	
MATH 211	Linear Algebra	4	
MATH 220	Multivariable Calculus	4	
MATH 310	Modern Algebra	4	
MATH 320	Introduction to Real Analysis I	4	
MATH 321	Introduction to Real Analysis II	4	
CS 112	Introduction to Computer Science OR another programming course, with departmental approval.	4	

Electives

Choose ONE elective from the following courses.

Course Selected	Credits	Completed
	4	

MATH 338 Probability
MATH 343 Mathematical Modeling

Choose TWO electives from the following courses.

Course Selected	Credits	Completed
	4	
	4	
	4	
	4	

MATH 225 Differential Equations
MATH 338 Probability*
MATH 343 Mathematical Modeling*
MATH 390 Special Topics in Mathematics Seminar (may be taken more than once)

*may not double count with the above requirement

Capstone

Complete 4-8 credit hours to fulfill the Capstone Requirement. At least 4 credits must be completed in Mathematics. MATH 390 may be used to satisfy Capstone.

Course(s) Selected	Credits	Completed