

Mathematics

Recommended Four-Year Plan (Fall 2017)

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans are the recommended sequences of courses. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan.

NOTE: This recommended Four-Year Plan is applicable to students admitted into the major during the 2017-2018 academic year.

First Year					
Fall Semester 2017	HRS	✓	Spring Semester 2018	HRS	✓
Gen Ed: MATH 121-Calculus I	4		MATH 122-Calculus II	4	
Gen Ed: INTD 101-First Year Seminar	4		MATH 237-Discrete Structures WI OR MATH 205- Mathematical Structures WI	4	
Gen Ed: CRWT 102-Critical Reading & Writing II WI	4		Gen Ed: SOSC 101-Social Issues OR BADM 115-Perspectives of Business & Society	4	
CMPS 147-Computer Science I	4		Gen Ed: History	4	
Total:	16		Total:	16	

Second Year					
Fall Semester 2018	HRS	✓	Spring Semester 2019	HRS	✓
MATH 225- Multivariable Calculus	4		MATH 305 – Differential Equations	4	
MATH 262-Linear Algebra	4		MATH Elective numbered above 237	4	
Gen Ed: PHYS 116-Physics I w/ Calculus Lec	4		Gen Ed: Intercultural North America	4	
Gen Ed: PHYS 118L-Introductory Physics I Lab	1				
Gen Ed: AIID 201-Readings in Humanities WI	4		Gen Ed: International Issues	4	
Total:	17		Total:	16	

Third Year					
Fall Semester 2019	HRS	✓	Spring Semester 2020	HRS	✓
MATH 432-Abstract Algebra WI	4		MATH 416-Introduction to Analysis	4	
MATH Elective Level 300 or Above	4		MATH Elective Level 300 or Above	4	
MATH Elective numbered above 237	4		Elective	4	
Gen Ed: Topics in Arts & Humanities or Topics in Social Science	4		Elective	4	
Total:	16		Total:	16	

Fourth Year					
Fall Semester 2020	HRS	✓	Spring Semester 2021	HRS	✓
MATH 441-History of Math WI	4		Elective	4	
Elective	4		Elective	4	
Elective	4		Elective	4	
Elective	4		Elective **	3	
Total:	16		Total:	15	

Total Credits Required: 128 credits

GPA: 2.0

WI: Writing Intensive - 3 courses required in the major.

** If a 3 credit hour elective cannot be found in the schedule, it may be replaced by an elective (or a combination of electives) worth at least 3 credits hours total.