

Mathematics-Content Endorsement for Teacher Education Track

Recommended Four-Year Plan (Fall 2012)

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 2012-2013 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
GenEd/MATH 110-Precalculus*	4		MATH 121-Calculus I	4	
GenEd: INTD 101-First Year Seminar	4		MATH 237-Discrete Structures or MATH 205-Mathematical Structures	4	
GenEd: CRWT 102-Critical Reading & Writing II	4		GenEd: SOSC 101-Social Issues	4	
CMPS 147-Computer Science I	4		GenEd: History	4	
Total:	16		Total:	16	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH 122-Calculus II	4		MATH 225-Multivariable Calculus	4	
MATH 262-Linear Algebra	4		MATH 321 Geometry	4	
GenEd/PHYS 114-Physics I w/ Calculus	4		PSYC101 Introduction to Psychology	4	
GenEd: AIID 201-Readings in Humanities	4		GenEd: Intercultural North America/TE EDUC 221-Social Context of Education	4	
Total:	16		Total:	16	

Summer Semester	HRS	✓
GenEd/TE: COMM 222-Public Speaking fulfills Topics in Arts & Humanities	4	
TE: Physiology & Hygiene Requirement	4	
Total:	8	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
MATH Elective numbered above 237	4		MATH 432-Abstract Algebra	4	
MATH 416-Introduction to Analysis	4		MATH 253-Probability	4	
TE: EDUC 222-Teaching Principles & Practice	4		Math 282-Number Theory	4	
TE: PSYC 215: Learning Cognition & Teaching	4		EDUC 343: Teaching for Effective Learning	4	
Total:	16		Total:	16	

Summer Semester	HRS	✓
TE: EDUC341 Technology in the Classroom or EDUC 340 Systems Thinking	4	
Total:	4	

Fourth Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
TE: EDUC 350 Reading & Writing in the Content Areas	4		Student Teaching	12	
School Core/MATH 441-History of Math	4				
GenEd: International Issues	4				
MATH 353- Statistics	4				
Total:	16		Total:	12	

Total Credits Required: 136 credits

GPA: 2.0

***Not Part of Major-Take if Needed**