

Mathematics-Content Endorsement for Teacher Education Track
 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 and with their Teacher Education Advisor to ensure appropriate sequencing and timing of courses to meet State of New Jersey teacher certification requirements. 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: International Issues	4	
CMPS 147—Computer Science I	4		Gen Ed: History	4	
Total:	16		Total:	16	

Summer Session	HRS	✓
TE: PSYC 101 Introduction to Psychology	4	

Second Year					
Fall Semester 2018	HRS	✓	Spring Semester 2019	HRS	✓
MATH 225-Multivariable Calculus	4		MATH 253-Probability	4	
MATH 262-Linear Algebra WI	4		MATH 282-Number Theory	4	
Gen Ed: PHYS 116-Physics I w/ Calculus Lec	4		MATH Elective numbered above 237	4	
Gen Ed: PHYS 118L-Introductory Physics I Lab	1				
Gen Ed: AIID 201-Readings in Humanities WI	4		Gen Ed: Topics Social Science/TE: EDUC 211- Student Literacy Corps (OR Gen Ed: Topics Arts & Humanities/TE: COMM 222—Public Speaking **)	4	
Total:	17		Total:	16	

Summer Session (online)	HRS	✓
Gen Ed: Intercultural North America/TE: EDUC 221—Social Context of Education	4	
TE: EDUC 241—Instructional Technology	4	

Third Year					
Fall Semester 2019	HRS	✓	Spring Semester 2020	HRS	✓
MATH 432-Abstract Algebra WI	4		MATH 416-Introduction to Analysis	4	
MATH 353- Statistics	4		MATH 321-Geometry	4	
TE: EDUC 222-Teaching: Principles & Practices	4		TE: Physiology & Hygiene Requirement	4	
TE: PSYC 215-Learning Cognition & Teaching	4		TE: EDUC 360-Introduction to Special Education	4	
Total:	16		Total:	16	

Summer Session 2020	HRS	✓
Gen Ed/TE: SOSOC 101—Social Issues***	4	

Fourth Year or Final Year****					
Fall Semester2020	HRS	✓	Spring Semester 2021	HRS	✓
TE: EDUC 350 Reading & Writing in the Content Areas	4		TE: EDUC 491—Student Teaching	12	
TE: EDUC 310: Methods of Teaching: Math/Science	4				
MATH 441-History of Math WI	4				
Total:	12		Total:	12	

Total Credits Required: 137 credits

GPA: 2.0

Cumulative GPA Required for Teacher Certification: 3.0

**** For those students who are officially admitted into the Teacher Education Program by August 31, 2017, COMM 222 should be taken. For those admitted September 1, 2017 and following, EDUC 211 should be taken. A waiver can be issued by the Assistant Dean of Teacher Education if students have completed COMM 222 prior to Fall 2017, but students must be officially admitted no later than the end of Fall 2017 to be eligible for the waiver. See Dr. Lynn in Teacher Education as soon as possible for admissions requirements/advising.**

*****SOSC 101 (or any of the courses listed in summer on this plan) may be taken in any regular academic semester, even as an overload, to maximize tuition dollars. Individual plans for/time to graduation should be developed with your major and TE advisors.**

******The final year in the TE program must be a Fall-Spring Progression, with EDUC 310 and EDUC 350 required in the Fall and EDUC 491 Required in the Spring. This is to allow the candidate and the program to meet DOE mandated requirements of 175 hours of Clinical Practice (time in a school) during Fall (associated with the listed EDUC courses) and 525 hours of Clinical Practice (time in a school) during the Spring. No other course may be taken with Student Teaching.**

WI: Writing Intensive - 3 courses required in the major