



The Bachelor of Science in Mathematics Education Option Four-Year Plan for Catalog Year 2014

THIS IS A SAMPLE PROGRAM. EACH STUDENT SHOULD CONSULT A DEPARTMENT ADVISOR TO PREPARE A PROGRAM THAT FITS HIS/HER INDIVIDUAL BACKGROUND AND ACADEMIC NEEDS.

<u>Fall Semester</u>		<u>Spring Semester</u>	
Freshman Year			
MATH 122A & B or 125	5/3	MATH 129	3
ENGL 101 or 103H or 107 or 109H	3	C SC 127A or ISTA 130	4
Tier I INDV (150)	3	ENGL 102 or 104H or 108	3
Tier I TRAD (160)	3	Tier I INDV (150 diff letter)	3
Elective (First Year Colloquium)	<u>1</u>	Tier I TRAD (160 diff letter)	<u>3</u>
Total	15/13	Total	16
Sophomore Year			
MATH 215	3	MATH 355	3
MATH 223	4	MATH 361	3
Lab Science ¹	4	Lab Science ¹	4
MATH 205 ³	3	Tier II Humanities	3
	—	STCH 310	<u>3</u>
Total	14	Total	16
Junior Year			
MATH 330	3	MATH 315	3
MATH 323	3	MATH 406A	4
Tier II INDV ²	3	LRC 435	3
LCEV 408 (online)	3	LCEV 416 (online)	3
POL 210 ²	<u>3</u>	SERP 301B	<u>2</u>
Total	15	Total	15
Senior Year			
MATH 404	3	MATH 494C ³	15
MATH 406B	4		
MATH 407	3		
Tier II Arts	3		
Elective	<u>1/3</u>		
Total	14/16	Total	15

This degree program requires at least 120 total credits, including 42 upper-division credits (300-400 level)

¹The BS degree in Mathematics is a science-intensive major. One of the following sequences of science courses is required to satisfy the Tier I General Education requirements: CHEM 151, 152; CHEM 105A,B,106A,B; MCB 181, 181L, ECOL 182R, 182L; PHYS 141 & (142 or 241); PHYS 161H, 162H; GEOS 251 & (302 or 304); PSIO 201, 202. MATH 215 fulfills the Tier II general education requirement for Natural Science.

²The Constitution Requirement for AZ state certification is fulfilled by completing one of the following: (1) POL 210 at UA (summer only); (2) POS 210 at Pima Community College; (3) Equivalent course from another AZ community college; (4) Attaining a passing score on the AEP A AZ and US Constitution exams. POL 210 has had limited availability at UA in recent semesters, so please plan ahead.

³Prior to Fall 2010, these courses were named differently. MATH 205 was previously named STCH 250 and MATH 494C was previously named STCH 494C. Please contact mcenter@math.arizona.edu if you need a STCH/MATH substitution on your advisement report.

NOTE:

Second semester proficiency in a second language is required for the BS degree.
One Tier I or Tier II course may also fulfill the Diversity requirement.
See advisor if you have questions regarding the Mid-Career Writing Assessment requirement.