

**Bachelor of Science in Mathematics
Education Option
Four-Year Plan 2004-2005**

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 124/125	3/5	MATH 129	3
ENGL 101/103H/107	3	C SC 127A	4
Tier I INDV	3	ENGL 102/104H/108	3
Tier I TRAD	3	Tier I INDV	3
Elective (First Year Colloquium)	1	Tier I TRAD	3
Total	13/15	Total	16
Sophomore Year			
MATH 215	3	MATH 362	3
MATH 223	4	MATH 355	3
Lab Science ¹	4	Lab Science ¹	4
STCH 250	<u>3</u>	Tier II Humanities	
Total	14	STCH 310	<u>3</u>
		Total	16
Junior Year			
MATH 330	3	MATH 315	3
MATH 323	3	MATH 406A	4
Tier II INDV	3	LRC 435	3
POL 201 or 210 ²	3	Tier II Arts	3
Elective	<u>3</u>	Elective	<u>3</u>
Total	15	Total	16
Senior Year			
MATH 404	3	STCH 494A	12
MATH 406B	4	SERP 301B	<u>2</u>
MATH 407	3		
POL 214 or 230 or Elective ²	3		
Elective	<u>3</u>		
Total	16	Total	14

¹The BS degree in Mathematics is a science-intensive major. One of the following six sequences of science courses is required to satisfy the Tier I general education requirements: CHEM 103a,104a,103b,104b; MCB 181,181L,ECOL 182; PHYS 131,181,132,182; PHYS 141,142(3cr) or 241; PHYS 151,152; Two of the following courses: GEOS 251, 302, 304. 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: POL 210; POL 201 and (POL 214 or POL 230); Passing score on the AZ and US Constitution exams. POL 201 will also fulfill the Tier II Individuals and Societies requirement.

NOTE:

One Tier I or Tier II course must fulfill the gender/race/ethnicity requirement. See your advisor regarding the Mid-career Writing Assessment requirement.

For more information, contact a Department of Mathematics advisor: Math East 146, 621-2056, mcenter@math.arizona.edu