

The Bachelor of Science in Mathematics

Education Option

Four-Year Plan 2003-2009 Catalogs

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)	<u>1</u>	Tier I TRAD	<u>3</u>
Total	<u>13/15</u>	Total	<u>16</u>
Sophomore Year			
MATH 215	3	MATH 362	3
MATH 223	4	MATH 355	3
Lab Science ¹	4	Lab Science ¹	4
STCH 250	3	Tier II Humanities	3
		STCH 310	<u>3</u>
Total	<u>14</u>	Total	<u>16</u>
Junior Year			
MATH 330	3	MATH 315	3
MATH 323	3	MATH 406A	4
Tier II INDV ²	3	LRC 435	3
POL 210 ²	3	Tier II Arts	3
SERP 301B	2	Elective	<u>3</u>
Elective	<u>3</u>		
Total	<u>17</u>	Total	<u>16</u>
Senior Year			
MATH 404	3	STCH 494C	12
MATH 406B	4		
MATH 407	3		
LRC 416	3		
Elective	<u>3</u>		
Total	<u>16</u>	Total	<u>12</u>

¹The BS degree in Mathematics is a science-intensive major. One of the following seven sequences of science courses is required to satisfy the Tier I General Education requirements: CHEM 151, 152; MCB 181, 181L, ECOL 182R, 182L; PHYS 131, 181, 132, 182; PHYS 141 & (142 or 241); PHYS 151, 152; PHYS 161H, 162H; 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.