



## The Bachelor of Science in Mathematics Education Option Four-Year Plan for Catalog Years 2012-2013

**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>	
<b>Freshman Year</b>			
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>
<b>Total</b>	<b>15/13</b>	<b>Total</b>	<b>16</b>
<b><u>Summer (Pre-Session, Summer 1, or Summer 2)</u></b>			
	POL 210 <sup>2</sup>	3	
<b>Sophomore Year</b>			
MATH 215	3	MATH 355	3
MATH 223	4	MATH 361	3
Lab Science <sup>1</sup>	4	Lab Science <sup>1</sup>	4
MATH 205 <sup>3</sup>	3	Tier II Humanities	3
	—	STCH 310	<u>3</u>
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>16</b>
<b>Junior Year</b>			
MATH 330	3	MATH 315	3
MATH 323	3	MATH 406A	4
Tier II INDV <sup>2</sup>	3	LRC 435	3
LCEV 408 (online)	3	LCEV 416	3
SERP 301B	<u>2</u>	Elective	<u>1/3</u>
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14/16</b>
<b>Senior Year</b>			
MATH 404	3	MATH 494C <sup>3</sup>	15
MATH 406B	4		
MATH 407	3		
Tier II Arts	<u>3</u>		
<b>Total</b>	<b>13</b>	<b>Total</b>	<b>15</b>

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

<sup>1</sup>The 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.

<sup>2</sup>The 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 AEPA AZ and US Constitution exams.

<sup>3</sup>Prior 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](mailto: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.