

The Bachelor of Science¹ in Mathematics For Catalog Years 1998-2009

(For the Math Education Option see the specific 4-year plan.)
(For earlier catalogs, see a Math Advisor.)

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	13/15	Total	16
Sophomore Year			
MATH 215	3	MATH 323	3
MATH 223	4	MATH 355	3
Lab Science ²	4	Lab Science ²	4
Tier II INDV	3	Tier II Humanities	3
Tier II Arts	<u>3</u>	Elective Course	<u>3</u>
Total	17	Total	16
Junior Year			
400-level Math Course ³	3	400-level Math Course ³	3
Minor Course	3	Minor Courses	6
Elective Courses	<u>9</u>	Elective Courses	<u>6</u>
Total	15	Total	15
Senior Year			
400-level Math Course ³	3	400-level Math Course ³	3
Minor Courses	6	400-level Math Course ³	3
Elective Courses	3	Minor Courses	3
400-level Math Course ³ or Elective Course	<u>3</u>	Elective Courses	<u>2/4</u>
Total	15	Total	12/14

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

¹Application Courses Requirement: For the B.S. degree, students must complete at least 6 units of course work outside the Mathematics Department that require MATH 124 or 125 or a higher mathematics course as a corequisite or prerequisite. Choose courses from the following: CHEM 105A, 105B, 407, 480A, 480B; C SC 345, 422, 433, 436, 437, 445, 453, 460, 473; ECON 332, 361, 411, 421; GEOS 322, 356, 411, 419, 431, 432, 434A, 448; PHYS 131, 132, 141, 142, 161H, 162H, 204, 241, 242; **OR** courses approved by the faculty advisor. The 'Application Courses Requirement' does not apply to the *Math Education option*.

²The BS degree in Mathematics is a science-intensive major. One of the following 7 sequences of science courses is required to satisfy the Tier I General Education requirements: CHEM 151,152; CHEM 105A,106A,105B,106B; MCB 181,181L & ECOL 182R, 182L; PHYS 131, 181 & 132, 182; PHYS 141 & (142 or 241); PHYS 161H, 162H; GEOS 251 & (302 or 304).

Note: MATH 215 fulfills the Tier II General Education requirement for Natural Science.

³See a Mathematics Faculty Advisor regarding the scheduling of these courses. Selection of 400-level math courses will depend on the option chosen and course offerings. Contact the Undergraduate Math Center at mcenter@math.arizona.edu, for assignment to a Faculty Advisor.

Note: One Tier I or Tier II general education course may fulfill the GRCENW requirement (consult w/advisor). See your advisor regarding the Mid-career Writing Assessment requirement..