



The Bachelor of Science¹ in Mathematics For Catalog Year 2016

(For the Math Education Emphasis 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 122A & B or 125	5/3	MATH 129	3
ENGL 101 or 107 or 109H	3	CSC 127A or ISTA 130 [‡]	4
Tier I INDV (150)	3	ENGL 102 or 108	3
Tier I TRAD (160)	3	Tier I INDV (150)	3
Elective (First Year Colloquium) ²	1	Tier I TRAD (160)	3
	Total 15/13		Total 16
Sophomore Year			
MATH 223	4	MATH 323	3
MATH 313	3	MATH 355	3
Lab Science ³	4	Lab Science ³	4
Tier II Individuals & Societies	3	Tier II Humanities	3
Tier II Arts	3	Elective	3
	Total 17		Total 16
Junior Year			
400-level Math Course ⁴	3	400-level Math Course ⁴	3
Minor Course [†]	3	Minor Courses [†]	6
Elective Courses	9	Elective Courses	6
	Total 15		Total 15
Senior Year			
400-level Math Course ⁴	3	400-level Math Course ⁴	3
Minor Courses [†]	6	400-level Math Course ⁴	3
Elective Course	3	Minor Course	3
400-level Math Course ⁴ or Elective Course	3	Elective Courses	2/4
	Total 15		Total 11/13

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 122B or 125 or a higher mathematics course as a corequisite or prerequisite. See the current official catalog requirements for a list of available courses. This requirement does not apply to the Math Education option.

²Honors College Freshmen are required to take a 1 unit honors colloquium in their first semester.

³The BS degree in Mathematics is science-intensive. One of the following 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 141 & (142 or 241); PHYS 161H, 162H; GEOS 251 & (302 or 304); PSIO 201, 202. Note: MATH 313 fulfills the Tier II General Education requirement for Natural Science in the B.S.

⁴See 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 if you do not know who your faculty advisor is.

[†] To declare your minor, contact an advisor from the appropriate department.

[‡] These courses are recommended for most math majors. Other courses that can be used are: CSC 227, ECE 175, MIS 301, MSE 350, and PHYS 305. These latter courses may have additional eligibility criteria.

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