



The Bachelor of Science¹ in Mathematics For Catalog Years 2017-2019

(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 110 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			Total
	15/13			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			Total
	17			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			Total
	15			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			Total
	15			11/13

This degree program requires at least 120 total units, including 42 upper division units (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 emphasis*.

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

³ The 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 141/143 & 142/144; CHEM 151 & 152; CHEM 161/163 & 162/164; MCB 181R/181L & ECOL 182R/182L; PHYS (141 or 161H) & (142 or 241 or 162H or 261H); GEOS 251 & (302 or 304 or 308 or 322); PSIO 201 & 202.

⁴See a Mathematics Faculty Advisor regarding the scheduling of these courses. Selection of 400-level math courses will depend on the emphasis 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 120, 127A, or 227, ECE 175, MIS 301, 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.