

Bachelor of Science¹ in Mathematics

For Catalog Years 1998-2004

(For the 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.

Fall Semester

Spring Semester

Freshman Year

MATH 124/125	3/5	MATH 129	3
ENGL 101/103H/106	3	C SC 127A	4
Tier I INDV	3	ENGL 102/104H/107	3
Tier I TRAD	3	Tier I INDV	3
Elective (First Year Colloquium)	1	Tier I TRAD	3
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 Indiv & Soc	3	Tier II Humanities	3
Tier II Arts	3	Elective Course	3
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	9	Elective Courses	6
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	3	Elective Courses	3/5
Total	15	Total	12/14

1 For the BS degree in Mathematics, students must complete one of the following three sequences of courses: PHYS 131,181,132,182; PHYS 141, 142 (3 units) or 241; PHYS 151, 152 OR six units of course work outside the Mathematics Department, approved by the major advisor and that require 124 or 125 or higher math course as a corequisite or prerequisite. (except Education Option)

2 The BS degree in Mathematics is a science-intensive major. One of the following six sequences of science courses is required to satisfy the Tier I general education requirements: CHEM 103a,104a,103b,104b; MCB 181,181L,ECOL 182; PHYS 131,181,132,182; PHYS 141,142 (3 units or 241; PHYS 151,152; Two of the following courses: GEOS 251, 302, 304. MATH 215 fulfills the Tier II general education requirement for Natural Science.

3 See a mathematics advisor regarding the scheduling of these courses. Selection of 400-level courses will depend on the option chosen and course offerings.

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.

For more information, contact a Department of Mathematics advisor: Math East 146, 621-2056, mcenter@math.arizona.edu