ARIZONA

# The Bachelor of Science (B.S.) in Mathematics <br> For Catalog Year 2022 

(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 THEIR INDIVIDUAL BACKGROUND AND ACADEMIC NEEDS.



This degree program requires at least 120 total units, including 42 upper division units (300-400 level)
${ }^{1}$ CSC 110, ISTA 130, ECE 175, or CHEE 205 are recommended for most math majors. Other courses that can be used are: CSC 120, MIS 301, NSCS 311, and PHYS 305. These latter courses may have additional eligibility criteria.
${ }^{2}$ MATH 195M is an optional one-unit colloquium for new majors. Other programs, including Honors, ASEMS, and more, may require 1 unit colloquia in certain semesters.
${ }^{3}$ BS degree requirements for Mathematics Majors: 1. Laboratory Science: Two of the following lab science courses are required to satisfy requirements: CHEM 141\&143, 142\&144; CHEM 151, 152; CHEM 161\&163, 162\&164; MCB 181R\&181L, ECOL 182R\&182L; PHYS 141, $161 \mathrm{H}, 142,241,162 \mathrm{H}, 261 \mathrm{H}$; GEOS 251, 302, 304, 308, 322; PSIO 201, 202. Note that for courses with separate registration for lecture and lab, BOTH components must be completed. 2. Application Course: students must complete at least 3 units of course work outside the Mathematics Department that require calculus (or a higher level math 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. 3. Second Language: Second-semester proficiency in a second language is required for the BS degree.
${ }^{4}$ MATH 396L is a 1 -unit supplement to 323 and is required for students earning a C or lower in 313 . Students who earn a D in 313 must take another proof-based course before 323.
${ }^{5}$ See 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.
${ }^{6}$ To declare your minor, contact an advisor from the appropriate department.
See an academic advisor if you have questions regarding the Mid-Career Writing Assessment requirement.

# The Bachelor of Arts (B.A.) in Mathematics <br> For Catalog Year 2022 

## (For the Education Emphasis, see the specific 4-year plan) <br> (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 THEIR INDIVIDUAL BACKGROUND AND ACADEMIC NEEDS.



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

[^0]NOTES: Fourth-semester proficiency in a second language is required for the BA degree.
See an academic advisor if you have questions regarding the Mid-Career Writing Assessment requirement.


[^0]:    ${ }^{1}$ CSC 110, ISTA 130, ECE 175, or CHEE 205 are recommended for most math majors. Other courses that can be used are: CSC 120, MIS 301, NSCS 311, and PHYS 305. These latter courses may have additional eligibility criteria.
    ${ }^{2}$ MATH 195M is an optional one-unit colloquium for new majors. Other programs, including Honors, ASEMS, and more, may require 1 unit colloquia in certain semesters.
    ${ }^{3}$ MATH 396L is a 1 -unit supplement to 323 and is required for students earning a C or lower in 313 . Students who earn a D in 313 must take another proof-based course before 323.
    ${ }^{4}$ See a Mathematics Faculty Advisor regarding the scheduling of these courses. Selection of 400 -level courses will depend on the emphasis chosen and course offerings. Contact the Math Center at mcenter@math.arizona.edu if you do not know who your faculty advisor is.
    ${ }^{5}$ To declare your minor, contact an advisor from the appropriate department.

