

**Accelerated
B.S. * (Mathematics)/M.S. (Statistics & Data Science)
Probability & Statistics Emphasis
For Catalog Years 2024 & 2025**

THIS IS A SAMPLE PROGRAM. EACH STUDENT SHOULD CONSULT A DEPARTMENT ADVISOR TO PREPARE A PROGRAM THAT FITS THEIR INDIVIDUAL BACKGROUND AND ACADEMIC NEEDS.

| <u>Fall Semester</u> | | <u>Spring Semester</u> | |
|--|-----------|--|-----------|
| Freshman Year | | | |
| MATH 122A & B | 5 | MATH 129 | 3 |
| ENGL 101 or 107 or 109H | 3 | C SC 110 or ISTA 130 ¹ | 4 |
| GE Core | 3 | ENGL 102 or 108 | 3 |
| GE Core | 3 | GE Core | 3 |
| MATH 195M [†] | 1 | GE Core | 3 |
| UNIV 101 | 1 | | |
| Total | 16 | Total | 16 |
| Sophomore Year | | | |
| MATH 223 | 4 | MATH 323 | 3 |
| MATH 313 | 3 | MATH 355 | 3 |
| Lab Science* | 4 | MATH 396L ² | 1 |
| Second Language | 4 | Lab Science* | 4 |
| | | Second Language | 4 |
| Total | 15 | Total | 15 |
| Junior Year | | | |
| MATH 425A ³ | 3 | MATH 413 ³ | 3 |
| Minor Course | 3 | Minor Courses | 6 |
| GE Core | 3 | GE Core | 3 |
| GE Core | 3 | UNIV 301 | 1 |
| Mathematics Application Course* | 3 | UG Elective ⁴ or MATH 425B ³ | 3 |
| Total | 15 | Total | 16 |
| Senior Year | | | |
| STAT 564 ³ | 3 | STAT 566 ³ | 3 |
| STAT 571A | 3 | STAT 571B | 3 |
| Minor Courses | 6 | Minor Course | 3 |
| UG Elective Course ⁴ | 3 | UG Elective Course ⁴ or MATH 468 ³ | 3 |
| Total | 15 | Total | 12 |
| Fifth Year | | | |
| STAT 688 ⁵ | 3 | Advanced Statistical Course ⁷ | 3 |
| Graduate Elective Courses ⁶ | 6 | Graduate Elective Courses ⁶ | 6 |
| Total | 9 | Total | 9 |

*See the official undergraduate BS requirements for detailed information regarding Gen Eds, Foundations, Lab Science, Application Courses, and Minor requirements.

[†]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.

¹See the complete math major requirements for alternative programming courses.

²MATH 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.

³See a Mathematics Faculty Advisor regarding the selection and scheduling of these courses. Courses used to fulfill the Probability & Statistics emphasis in the undergraduate major are: STAT 564, 566; MATH 425A, 413, and either 468 or 425B (as the 5th course).

⁴Undergraduate electives are needed to reach the 120 total and 42 upper-division units required for the B.S. They may come from any subject. Honors College Freshmen are expected to take an Honors Freshman Colloquium during their first semester.

⁵A maximum of 3 units of Statistical Consulting may be applied towards the Core M.S. course requirements.

⁶Graduate elective courses must come from the approved list. See your M.S. advisor for more information.

⁷Advanced statistical coursework may be taken in Fall or Spring, depending on the course. See your M.S. advisor for more information.

A minimum of 30 units of graduate coursework (graded C or better) is required for the M.S. degree.

For additional information, contact the Statistics Graduate Interdisciplinary Program: GRAD-Stat@arizona.edu