

Accelerated B.A.* (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	CSC 110 or ISTA 130 ¹	4
GE Core	3	ENGL 102 or 108	3
GE Core	3	GE Core	3
UNIV 101	1	GE Core	3
MATH 195M [†]	1		
Total	16	Total	16
Sophomore Year			
MATH 223	4	MATH 323	3
MATH 313	3	MATH 355	3
Second Language	4	MATH 396L ²	1
Ge Core	3	Second Language	4
GE Core	3	GE Core	3
Total	17	Total	14
Junior Year			
MATH 425A ³	3	MATH 413 ³	3
Minor Course	3	Minor Course	3
UNIV 301	1	Minor Course	3
Second Language	4	Second Language	4
Undergraduate Elective Course ⁴	3	UG Elective Course ⁴ or MATH 425B ³	3
Total	14	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 BA requirements for detailed information regarding Gen Eds (including Natural Scientist), Foundations (including Language), 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 option 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.A. 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