

Accelerated B.A. * (Mathematics)/M.S. (Statistics & Data Science) Probability & Statistics Emphasis For Catalog Years 2021

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 or 125	5/3	MATH 129	3
ENGL 101 or 107 or 109H	3	CSC 110 or ISTA 130 ⁵	4
Tier I INDV (150)	3	ENGL 102 or 108	3
Second Language	4	Tier I TRAD (160)	3
Elective (First Year Colloquium) [†]	1	Second Language	4
Total	16/14	Total	17
Sophomore Year			
MATH 223	4	MATH 323	3
MATH 313	3	MATH 355	3
Tier I NATS (170)	3	Tier I NATS (170)	3
Tier I TRAD (160)	3	Tier I INDV (150)	3
Tier II Arts	3	Tier II Individuals & Societies	3
Total	16	Total	15
Junior Year			
MATH 425A ¹	3	MATH 413 ¹	3
Minor Course	3	Minor Courses	6
Tier II Humanities	3	Tier II Natural Science	3
Undergraduate Elective Courses [†]	6	UG Elective [†] or MATH 425B ¹	3
Total	15	Total	15
Senior Year			
STAT 564 ¹	3	STAT 566 ¹	3
STAT 571A	3	STAT 571B	3
Minor Courses	6	Minor Course	3
UG Elective Courses [†]	2/4	UG Elective Course [†] or MATH 468 ¹	3
Total	14/16	Total	12
Fifth Year			
STAT 688 ²	3	Advanced Statistical Course ⁴	3
Graduate Elective Courses ³	6	Graduate Elective Courses ³	6
Total	9	Total	9

*See the official undergraduate BA requirements for detailed information regarding Gen Eds (including Natural Science), Foundations (including Language), and Minor requirements.

[†]Undergraduate 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.

¹See 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).

²A maximum of 3 units of Statistical Consulting may be applied towards the Core M.S. course requirements.

³Graduate elective courses must come from the approved list. See your M.S. advisor for more information.

⁴Advanced statistical coursework may be taken in Fall or Spring, depending on the course. See your M.S. advisor for more information.

⁵See the complete math major requirements for alternative programming courses.

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: gradstats@math.arizona.edu