

## Accelerated B.A.\* (Mathematics)/M.S. (Statistics) Probability & Statistics Emphasis For Catalog Years 2019-2020

**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>
<b>Freshman Year</b>	
MATH 122A & B or 125	MATH 129
ENGL 101 or 107 or 109H	CSC 110 or ISTA 130 <sup>5</sup>
Tier I INDV (150)	ENGL 102 or 108
Second Language	Tier I TRAD (160)
Elective (First Year Colloquium) <sup>†</sup>	Second Language
<b>Total</b>	<b>Total</b>
16/14	17
<b>Sophomore Year</b>	
MATH 223	MATH 323
MATH 313	MATH 355
Tier I NATS (170)	Tier I NATS (170)
Tier I TRAD (160)	Tier I INDV (150)
Tier II Arts	Tier II Individuals & Societies
<b>Total</b>	<b>Total</b>
16	15
<b>Junior Year</b>	
MATH 425A <sup>1</sup>	MATH 413 <sup>1</sup>
Minor Course	Minor Courses
Tier II Humanities	Tier II Natural Science
Undergraduate Elective Courses <sup>†</sup>	UG Elective <sup>†</sup> or MATH 425B <sup>1</sup>
<b>Total</b>	<b>Total</b>
15	15
<b>Senior Year</b>	
STAT 564 <sup>1</sup>	STAT 566 <sup>1</sup>
STAT 571A	STAT 571B
Minor Courses	Minor Course
UG Elective Courses <sup>†</sup>	UG Elective Course <sup>†</sup> or MATH 468 <sup>1</sup>
<b>Total</b>	<b>Total</b>
14/16	12
<b>Fifth Year</b>	
STAT 688 <sup>2</sup>	Advanced Statistical Course <sup>4</sup>
Graduate Elective Courses <sup>3</sup>	Graduate Elective Courses <sup>3</sup>
<b>Total</b>	<b>Total</b>
9	9

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

<sup>†</sup>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.

<sup>1</sup>See 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 5<sup>th</sup> course).

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

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

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

<sup>5</sup>See 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: [bowmanm@email.arizona.edu](mailto:bowmanm@email.arizona.edu)