

**Accelerated  
B.S.\* (Mathematics)/M.S. (Statistics)  
Applied 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.**

**Fall Semester**

**Freshman Year**

MATH 122A & B or 125	5/3
ENGL 101 or 107 or 109H	3
Tier I INDV (150)	3
Tier I TRAD (160)	3
Undergraduate Elective <sup>†</sup> (First Year Colloquium)	1
<b>Total</b>	<b>15/13</b>

**Spring Semester**

MATH 129	3
C SC 110 or ISTA 130 <sup>5</sup>	4
ENGL 102 or 108	3
Tier I INDV (150 diff letter)	3
Tier I TRAD (160 diff letter)	3
<b>Total</b>	<b>16</b>

**Sophomore Year**

MATH 223	4
MATH 313	3
Lab Science*	4
Tier II INDV	3
Tier II Arts	3
<b>Total</b>	<b>17</b>

MATH 323	3
MATH 355	3
Lab Science*	4
Tier II Humanities	3
Undergraduate Elective Course <sup>†</sup>	3
<b>Total</b>	<b>16</b>

**Junior Year**

MATH 422 <sup>1</sup>	3
Minor Course	3
Undergraduate Elective Courses <sup>†</sup>	9
<b>Total</b>	<b>15</b>

MATH 413 <sup>1</sup>	3
MATH 485 <sup>1</sup>	3
Minor Courses	6
UG Elective Course <sup>†</sup>	3
<b>Total</b>	<b>15</b>

**Senior Year**

STAT 564	3
STAT 571A	3
Minor Courses	6
UG Elective Courses <sup>†</sup>	2/4
<b>Total</b>	<b>14/16</b>

STAT 566	3
STAT 571B	3
Minor Course	3
UG Elective Course <sup>†</sup>	3
<b>Total</b>	<b>12</b>

**Fifth Year**

STAT 688 <sup>2</sup>	3
Graduate Elective Courses <sup>3</sup>	6
<b>Total</b>	<b>9</b>

Advanced Statistical Course <sup>4</sup>	3
Graduate Elective Courses <sup>3</sup>	6
<b>Total</b>	<b>9</b>

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

<sup>†</sup>Undergraduate 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.

<sup>1</sup>Courses used to fulfill the Applied emphasis in the undergraduate major are: STAT 564, 566; MATH 422, 485, 413 (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)