

**Accelerated  
B.S. (Mathematics)/M.S. (Statistics)  
Probability & Statistics Option  
For Catalog Year 2015**

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

| <u>Fall Semester</u>  |              | <u>Spring Semester</u>                             |           |
|---|--------------|--|-----------|
| <b>Freshman Year</b>  |              |  |           |
| MATH 122A & B or 125  | 5/3          | MATH 129   | 3         |
| ENGL 101 or 103H or 107 or 109H                             | 3            | C SC 127A or ISTA 130 <sup>5</sup>                 | 4         |
| Tier I INDV (150)   | 3            | ENGL 102 or 104H or 108                            | 3         |
| Tier I TRAD (160)   | 3            | Tier I INDV (150 diff letter)                      | 3         |
| Undergraduate Elective <sup>+</sup> (First Year Colloquium) | <u>1</u>     | Tier I TRAD (160 diff letter)                      | <u>3</u>  |
| <b>Total</b>  | <b>15/13</b> | <b>Total</b>                                       | <b>16</b> |
| <b>Sophomore Year</b>                                       |              |  |           |
| MATH 223  | 4            | MATH 323   | 3         |
| MATH 313 (formerly 215)                                     | 3            | MATH 355   | 3         |
| Lab Science*  | 4            | Lab Science*                                       | 4         |
| Tier II INDV  | 3            | Tier II Humanities                                 | 3         |
| Tier II Arts  | <u>3</u>     | Undergraduate Elective Course <sup>+</sup>         | <u>3</u>  |
| <b>Total</b>  | <b>17</b>    | <b>Total</b>                                       | <b>16</b> |
| <b>Junior Year</b>  |              |  |           |
| MATH 425A <sup>1</sup>                                      | 3            | MATH 413 <sup>1</sup>                              | 3         |
| Minor Course  | 3            | Minor Courses                                      | 6         |
| Undergraduate Elective Courses <sup>+</sup>                 | 9            | UG Elective Courses <sup>+</sup>                   | 3         |
|   | <u>—</u>     | UG Elective <sup>+</sup> or MATH 425B <sup>1</sup> | <u>3</u>  |
| <b>Total</b>  | <b>15</b>    | <b>Total</b>                                       | <b>15</b> |
| <b>Senior Year</b>  |              |  |           |
| STAT 564  | 3            | STAT 566   | 3         |
| STAT 571A   | 3            | STAT 571B  | 3         |
| Minor Courses   | 6            | Minor Course                                       | 3         |
| UG Elective Courses <sup>+</sup>                            | <u>2/4</u>   | UG Elective <sup>+</sup> or MATH 468 <sup>1</sup>  | <u>3</u>  |
| <b>Total</b>  | <b>14/16</b> | <b>Total</b>                                       | <b>12</b> |
| <b>Fifth Year</b>   |              |  |           |
| STAT 688 <sup>2</sup>                                       | 3            | Advanced Statistical Course <sup>4</sup>           | 3         |
| Graduate Elective Courses <sup>3</sup>                      | <u>6</u>     | Graduate Elective Courses <sup>3</sup>             | <u>6</u>  |
| <b>Total</b>  | <b>9</b>     | <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>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 464, 466; 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: [GIDP-Stat@email.arizona.edu](mailto:GIDP-Stat@email.arizona.edu)