

# STATISTICS, BA

## THREE-YEAR PLAN

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This Sample Three-Year Plan is a tool to assist students and their advisor(s). Students should use it –along with their DARS report, the Degree Planner, and Course Search & Enroll tools – to make their own three-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests.

Three-year plans may vary considerably from student to student, depending on their individual preparation and circumstances. Students interested in graduating in three years should meet with an advisor as early as possible to discuss feasibility, appropriate course sequencing, post-graduation plans (careers, graduate school, etc.), and opportunities they might forgo in pursuit of a three-year graduation plan.

### DEPARTMENTAL EXPECTATIONS

A three-year degree is feasible for students with a variety of backgrounds and specific preparation. Students should ideally be entering the University with a minimum of 30 advanced standing credits, and have satisfied the following requirements with course credit or via placement examination:

| Code        | Title                                                  | Credits |
|-------------|--------------------------------------------------------|---------|
| MATH 221    | Calculus and Analytic Geometry 1                       | 5       |
| MATH 222    | Calculus and Analytic Geometry 2                       | 4       |
| STAT 301    | Introduction to Statistical Methods                    | 3       |
| or STAT 324 | Introduction to Statistics for Science and Engineering |         |
| or STAT 371 | Introductory Applied Statistics for the Life Sciences  |         |
| or STAT 240 | Data Science Modeling I                                |         |

- 3-4 units of foreign language
- At least 3 credits of L&S Breadth (Humanities, Social Science, Biological Science, or Physical Science)

#### First Year

| Fall                   | Credits Spring               | Credits   |
|------------------------|------------------------------|-----------|
| MATH 234               | 4 STAT 303                   | 1         |
| COMP SCI 200 or 220    | 3-4 STAT 333 or 340          | 3-4       |
| Communications A       | 3 MATH 340, 341, 320, or 345 | 3         |
| Social Science Breadth | 3 Ethnic Studies             | 3         |
| Elective               | 3 Humanities Breadth         | 3         |
|                        | Elective                     | 3         |
| <b>16</b>              |                              | <b>16</b> |

#### Second Year

| Fall             | Credits Spring         | Credits |
|------------------|------------------------|---------|
| STAT/MATH 309    | 3 STAT/MATH 310        | 3       |
| STAT/M E 424     | 3 STAT Elective course | 3       |
| Communications B | 3 Literature Breadth   | 3       |

|                          |                              |           |
|--------------------------|------------------------------|-----------|
| Physical Science Breadth | 3 Biological Science Breadth | 3         |
| Social Science Breadth   | 3 INTER-LS 210               | 1         |
| <b>15</b>                |                              | <b>13</b> |

#### Third Year

| Fall                     | Credits Spring               | Credits   |
|--------------------------|------------------------------|-----------|
| STAT Elective course     | 3 STAT Elective course       | 3         |
| STAT Elective course     | 3 STAT Elective course       | 3         |
| Humanities Breadth       | 3 Literature Breadth         | 3         |
| Physical Science Breadth | 3 Biological Science Breadth | 3         |
| Social Science Breadth   | 3 Elective                   | 3         |
| <b>15</b>                |                              | <b>15</b> |

**Total Credits 90**