# DATA SCIENCE, B.A.

## THREE-YEAR PLAN

## SAMPLE THREE-YEAR PLAN

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:

- MATH 221 Calculus and Analytic Geometry 1
- MATH 222 Calculus and Analytic Geometry 2
- 3-4 units of foreign language

**First Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| STAT 240 | 4 | STAT 340 | 4 |
| COMP SCI 220 | 4 | COMP SCI 320 | 4 |
| Communications A<br>complete during first year | 3 | Ethnics Studies<br>complete within first 60 credits | 3 |
| Social Science Breadth | 3 | Humanities Breadth | 3 |
| | **14** | | **14** |

**Second Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| L I S 461 (meets Humanities Breadth, 4cr section meets Communication B) | 3-4 | Machine Learning Course | 3 |
| Linear Algebra Course | 3 | Statistical Modeling Course | 3 |
| Biological Science Breadth | 3 | Literature Breadth | 3 |
| Social Science Breadth | 3 | Physical Science Breadth | 3 |
| Elective | 3-4 | INTER-LS 210 | 1 |
| | | Elective | 3 |
| | **16** | | **16** |

**Third Year**

| Fall | Credits | Spring | Credits |
|---|---|---|---|
| Advanced Computing Course | 3 | Data Science Elective | 3 |
| Data Science Elective | 3 | Literature Breath | 3 |
| Science Breadth | 3 | Science Breadth | 3 |
| Social Science Breadth | 6 | Electives | 6 |
| | **15** | | **15** |

**Total Credits 90**