# Plan of Study: Bachelor of Arts in Applied Data Analysis

College of Liberal Arts and Sciences

Student Name:

Student ID:

Catalog Year:

## Prerequisite Course Requirements

Students must apply to the Bachelor of Arts (BA) in Applied Data Analysis program. Contact the Staff Advisor for more information.

MATH 1131Q

STAT 1000Q/1100Q

Introductory programming course (CSE 1010, CSE 1729, STAT 2255, or COGS 2500Q):

Total credits:

## Major Course Requirements

Applied data analysis majors are required to take at least 36 major credits, including the following courses:

* One or more courses in each of the Core Area Requirements.
* A domain sequence that includes a capstone course and a W course.
* STAT 3255. Introduction to Data Science.
* Additional credits taken from any of the approved domain sequences or from the following list: GEOG 2500, GEOG 3500Q, STAT 2215Q, STAT 3025Q, STAT3515Q, STAT 3375Q.

### Core Area Requirements

Programming and Data Management (STAT 2255 or COGS 2500):

Basic Data Analysis (STAT 3215Q):

Data Ethics (PHIL 3202):

Data Visualization (STAT 3675Q or GEOG 3510):

### Domain Sequence

Domain name:

Domain courses:            

Capstone:

W Course:

### Additional Required Courses

STAT 3255

Additional credits:            

Total credits:

## Qualifying Courses for the Major

### Core Area Requirements

* Programming and Data Management: STAT 2255 or COGS 2500 (one course, 3 credits).
* Basic Data Analysis: STAT 3215Q (one course, 3 credits).
* Data Ethics: PHIL 3202 (one course, 3 credits).
* Data Visualization: STAT 3675Q or GEOG 3510 (one course, at least 3 credits).

### Domain Sequences

#### American Political Representation

Domain: three of the following: POLS 2607, POLS 2618 (formerly 3618), POLS 3608, POLS 3612, POLS 3617, POLS 3625.

Capstone: DSDA 4815.

W course: POLS 3603WQ.

#### Earth Data Science

Domain: three of the following: ERTH 2800, ERTH 3020, ERTH 3710, ERTH 4230, ERTH 4810.

Capstone: ERTH 4150.

W course: ERTH 2050W.

#### Population Dynamics

Domain: three of the following: SOCI 2110(W), SOCI 2651(W), SOCI 2660(W), SOCI 2820(W), SOCI 2901(W), SOCI 3971(W).

Capstone: DSDA 4815.

W course: one of the W versions in the domain list.

#### Public Management and Policy

Domain: three of the following: PP 3032, PP 3033, PP 3034, PP 3035, PP 4031, PP 4034, PP 3098 (by department approval).

Capstone: DSDA 4815.

W course: PP 3020W.

#### Survey Research Methods

Domain: three of the following: PP 2100, PP 2110, PP 3030, PP 3031, PP 3098 (by department approval).

Capstone: DSDA 4815.

W course: PP 3020W.