

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 for admission to the Bachelor of Arts (BA) in Applied Data Analysis program. Applicants are required to complete at least 24 credits, 15 of which must be at UConn, with a cumulative GPA of 3.2 or higher.

MATH 1132Q

STAT 1000Q/1100Q

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

Additional courses:

Total credits:

Cumulative GPA:

Major Course Requirements

Applied data analysis majors are required to take at least 36 major credits, including the following courses, and maintain a 3.2 cumulative GPA:

- 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:

Cumulative GPA:

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 Institutions

Domain: three of the following: POLS 3600, POLS 3601, POLS 3604, POLS 3606

Capstone: DSDA 4815

W course: POLS 3603WQ

American Political Representation

Domain: three of the following: POLS 2607, POLS 3612, POLS 3617, POLS 3618, POLS 3625

Capstone: DSDA 4815

W course: POLS 3608W

Earth Data Science

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

Capstone: EARTH 4150

W course: EARTH 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 3098, PP 4031, PP 4034

Capstone: DSDA 4815

W course: PP 3020W

Survey Research Methods

Domain: PP 2100, PP 3030, PP 3098

Capstone: DSDA 4815

W course: PP 3020W