

MINOR IN APPLIED DATA ANALYTICS AND INTELLIGENCE FOR SOCIAL IMPACT

Overview

The Minor in Applied Data Analytics and Intelligence for Social Impact (A-DAISI) equips undergraduate students across all disciplines with essential skills in data analysis, computational thinking, and programming—preparing them to harness data for informed, ethical, and impactful decision-making. The program targets students in social and behavioral sciences, sports administration, public health, education, political science, and more, who seek to become data-informed decision-makers, advocates, and researchers.

Curriculum Requirements

| Code | Title | Credit Hours |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Foundational Core Course (3 credits): | | |
| EPS 251 | Developing Data Wrangling Skills for Social, Behavioral, and Educational Data | 3 |
| Core Course (3 credits): | | |
| EPS 351 | Intro to Statistics for the Social, Behavioral, and Educational Sciences (Core course (or other equivalent course e.g., PSY291, PSY292, MAS201)) | 3 |
| Elective Core Courses (Choose 9 credits total): | | 9 |
| EPS 372 | Survey Methodology for the Social and Behavioral Sciences | |
| EPS 401 | Applied Regression in the Social and Behavioral Sciences | |
| EPS 402 | Statistical Programming: R, Python, and SQL for Social and Behavioral Data | |
| EPS 403 | Applied Machine Learning in the Social and Behavioral Sciences | |
| EPS 405 | Text Mining for the Social and Behavioral Sciences | |
| Total Credit Hours | | 15 |

Graduation Requirements

To successfully complete the DAISI Minor, students must meet the following graduation requirements:

- **Credit Hours**
 - Completion of a minimum of 15 credit hours in approved coursework for the minor.
- **Grade Requirements**
 - A minimum grade of **C** must be earned in each course counted toward the minor.
 - Students must achieve a **minimum cumulative GPA of 3.0** across all minor coursework.
- **Integration with Major Program**
 - Courses used to fulfill major requirements will not be double-counted toward the minor unless explicitly allowed by both programs.