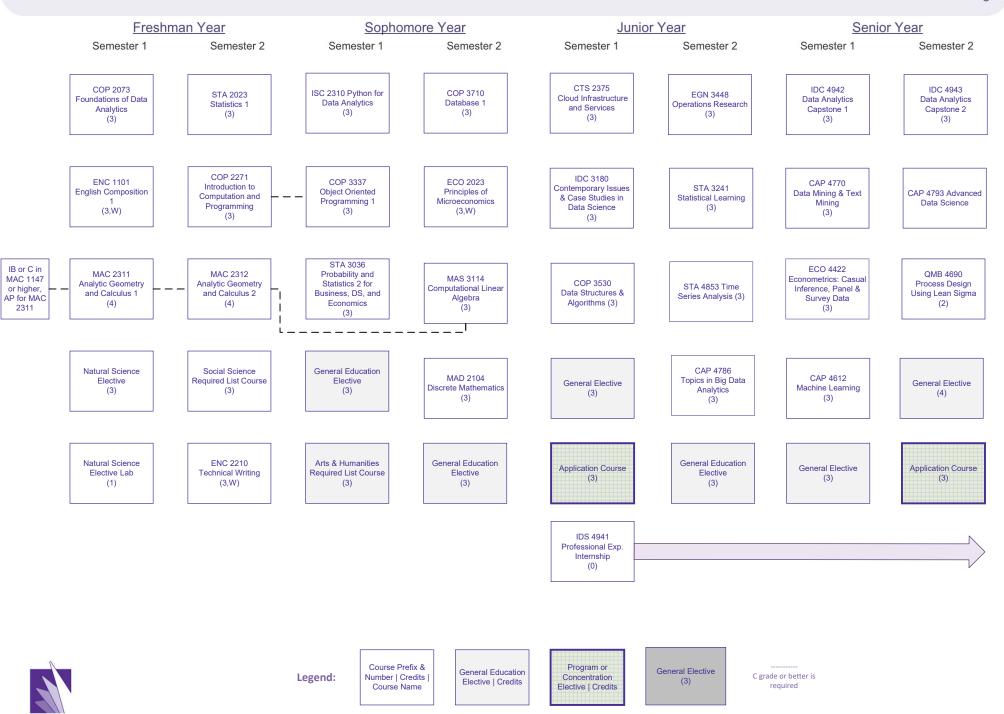
# **BS in Data Science**

2025-2026 Catalog



**FLORIDAPOLY** 

## BS in Data Science Program/Concentration Electives and General Education

### Application Area Electives

Choose six credits from the list below.

- ECP 3004 Contemporary Economic Issues Credits: 3
- MAR 4705 Marketing Analytics Credits: 3
- ESI 4011 Data Analytics for Smart City & Transportation Credits: 3
- FIN 4501 Investment, Financial Modeling and Analytics Credits: 3

Arts, Humanities, and Social Sciences

### Arts & Humanities

A total of 12 credit hours must be completed in the arts, humanities, and social sciences. Three to six credits, as noted below, must be taken in Art and Humanities.

# Atleast one course (3 credits) from the following state required list:

- ARH 2000 Art Appreciation Credits: 3
- LIT 2000 Introduction to Literature Credits: 3
- HUM 2020 Introduction to the Humanities Credits: 3
- PHI 2010 Introduction to Philosophy Credits: 3
- MUL 2010 Music Appreciation Credits: 3

### Optional additional course elective:

 IDS 2144 - Legal, Ethical, and Management Issues in Technology Credits: 3

### Social Sciences

A total of 12 credit hours must be completed in the arts, humanities, and social sciences. Six to nine credits, as noted below, must be taken in Social Sciences.

### **Required for DS majors:**

• ECO 2023 - Principles of Microeconomics Credits: 3

At least one course (3 credits) from the following state required list:

- AMH 2010 American History to 1877 Credits: 3
- AMH 2020 American History Since 1877 Credits: 3
- ECO 2013 Principles of Macroeconomics Credits: 3
- POS 2041 American Government Credits: 3
- PSY 2012 General Psychology Credits: 3



## **General Electives**

Any 1000 level or above course may fulfill this requirement.

Recommended Data Science Courses:

CAI 4304 - Natural Language Processing Credits: 3 CAP 4410 - Computer Vision Credits: 3 CAP 4630 - Artificial Intelligence Credits: 3 CAP 4613 - Applied Deep Learning Credits: 3 ENT 2112 - Entrepreneurial Opportunity Analysis Credits: 3 ECP 4031 - Benefit Cost Analysis Credits: 3 EGS 3625 - Engineering & Technology Project Management Credits: 3 ECO 4400 - Game Theory and Strategic Decisions Credits: 3 COP 4520 - Introduction to Parallel and Distributed Computing Credits: 3 CEN 4033 - Secure Software Engineering Credits: 3 CNT 4403 - Data Security Credits: 3