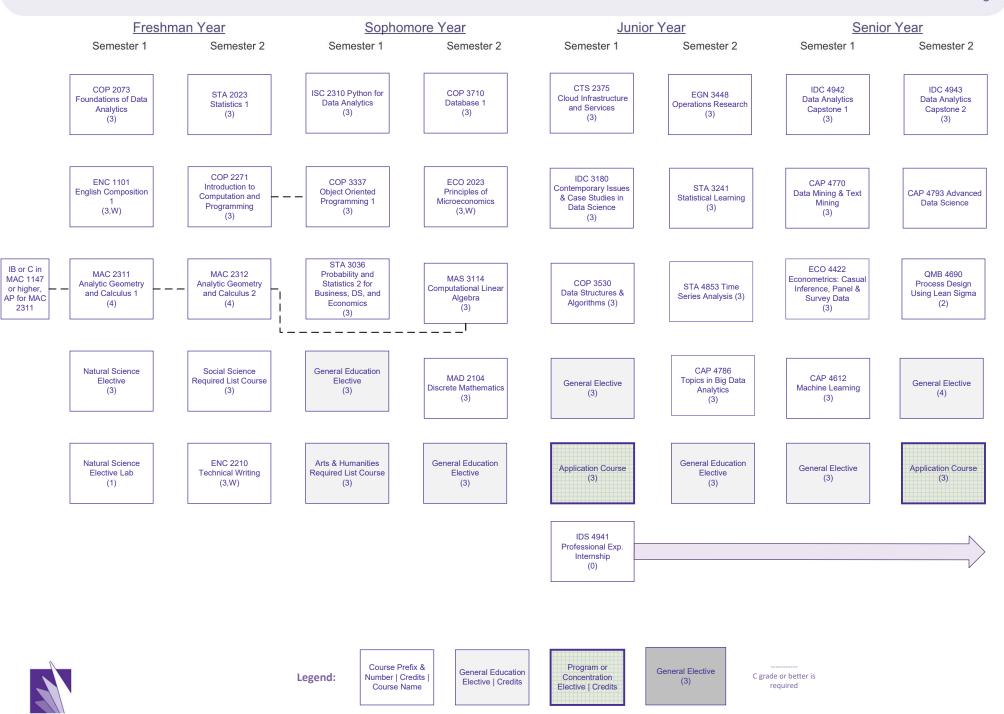
BS in Data Science

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