

BS in Data Science

Freshman Year

Sophomore Year

Junior Year

Senior Year

Semester 1

Semester 2

Semester 1

Semester 2

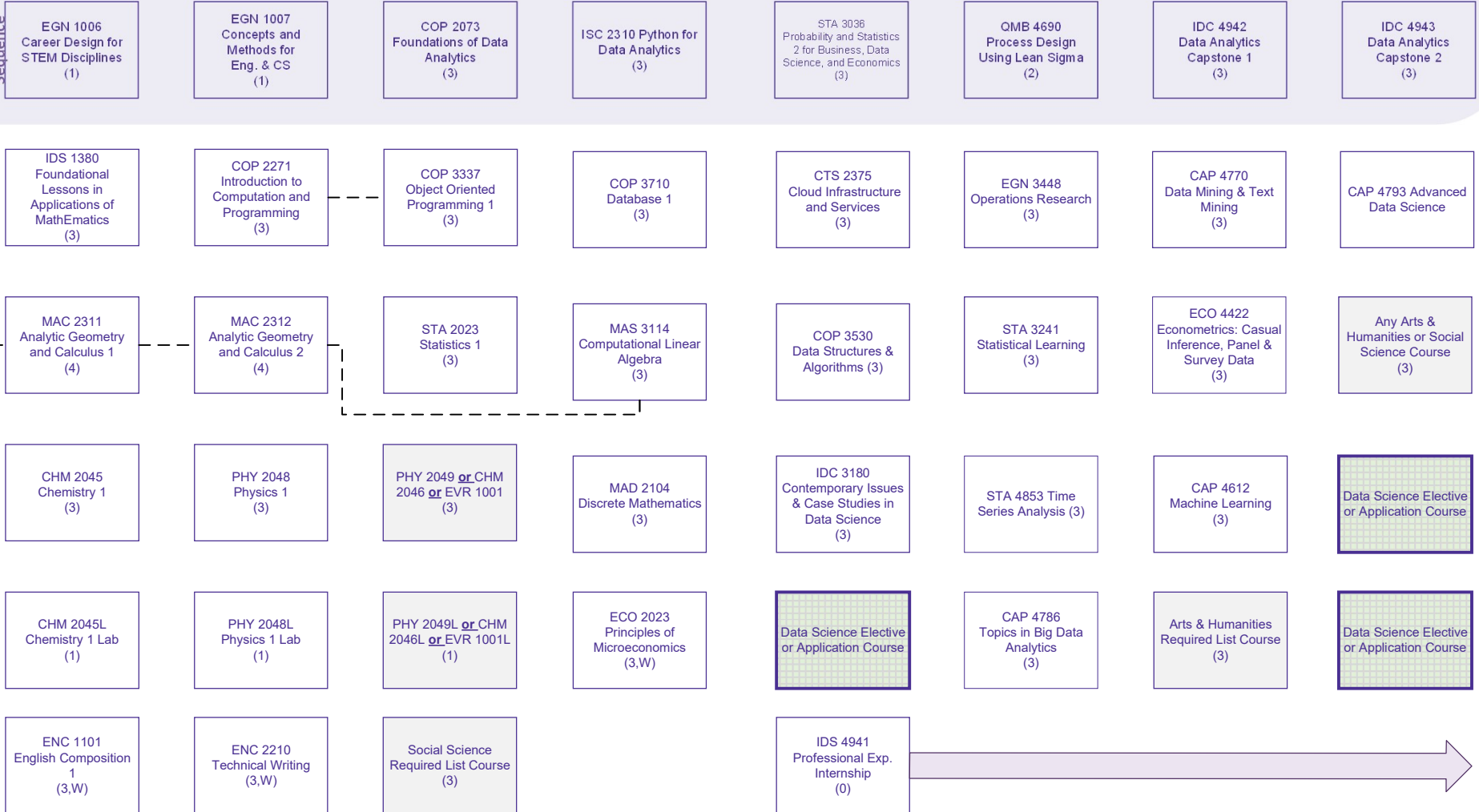
Semester 1

Semester 2

Semester 1

Semester 2

Florida Poly Experience Sequence



Legend:

Course Prefix & Number | Credits | Course Name

General Education Elective | Credits

Program or Concentration Elective | Credits

C grade or better is required

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 4XXX - Investment, Financial Modeling and Analytics Credits: 3**

Data Science Program Electives

Choose three credits from the list below or from available concentration 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
- CEN 4721 - Human Computer Interaction 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

Arts, Humanities, and Social Sciences

Arts & Humanities

Data Science majors select 12 credits from Art and Humanities and Social Sciences. Three to six credits, as noted below, must be taken in Art and Humanities.

University required, one from the following:

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

Optional to Fulfill Arts & Humanities Requirement:

- IDS 2144 - Legal, Ethical, and Management Issues in Technology Credits: 3
- HUM 2020 - Introduction to the Humanities Credits: 3

Social Sciences

Six to nine credits, as noted below, must be taken in Social Sciences.

University required, one from the following:

- AMH 2020 - American History Since 1877 Credits: 3 (Fulfills Civic Literacy Requirement)
- POS 2041 - American Government Credits: 3 (Fulfills Civic Literacy Requirement)
- ECO 2013 - Principles of Macroeconomics Credits: 3
- PSY 2012 - General Psychology Credits: 3

Program required:

- ECO 2023 - Principles of Microeconomics Credits: 3