

BS in Business Analytics

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

IB or C in MAC 1147 or higher, AP for MAC 2311	EGN 1006 Career Design for STEM Disciplines (1)	ECO 2013 Principles of Macroeconomics (3)	COP 2073 Foundation of Data Analytics (3)	ISC 2310 Python for Data Analytics (3)	STA 3036 Probability and Statistics for Business, Data Science, and Economics (3)	OMB 4690 Process Design Using Lean Sigma (2)	IDC 4942 Data Analytics Capstone 1. (3)	IDC 4943 Data Analytics Capstone 2. (3)
	IDS 1380 Foundational Lessons in Applications of Math/Ematics (3)	COP 2271 Introduction to Computation and Programming (3)	ACG 2020 Accounting for Managers (3)	BUL 2241 Law, Public Policy, Negotiation and Business (3)	ECP 4031 Benefit Cost Analysis (3)	COP 3710 Database 1 (3)	CAP 4770 Data Mining & Text Mining (3)	MAN 4633 Strategic Management (3)
	MAC 2311 Analytic Geometry and Calculus 1 (4)	AMH 2020 History or POS 2041 (3)	STA 2023 Statistics 1 (3)	ECO 2023 Principles of Microeconomics (3,W)	EGS 3625 Eng. & Tech. Project Mgmt (3)	EGN 3448 Operations Research (3)	IDS 2144 Legal, Ethical, and Management Issues in Tech (3)	MAR 4705 Marketing Analytics (3)
	EVR 1001 Environmental Science or CHM 2045 Chemistry 1 (3)	EVR 1001 Environmental Science or CHM 2045 Chemistry 1 (3)	Select from Arts and Humanities Req. List (3)	FIN 2000 Introduction to Business Finance (3)	MAN 3504 Intro to Operations and Supply Chain Mgmt (3)	GEB 3373 Intl. & Comparative Dim. of Business (3)	Business Analytics Concentration or Program Elective (3)	Business Analytics Concentration or Program Elective (3)
	EVR 1001L Environmental Science Lab or CMH 2045L Chemistry 1 Lab (1)	EVR 1001L Environmental Science Lab or CMH 2045L Chemistry 1 Lab (1)	Any Arts and Humanities Elective (3)	ENT 2112 Entrepreneurial Opportunity Analysis (3)	Business Analytics Concentration or Program Elective (3)	Business Analytics Concentration or Program Elective (3)	Business Analytics Concentration or Program Elective (3)	Business Analytics Concentration or Program Elective (3)
	ENC 1101 English Composition 1 (3,W)	ENC 2210 Technical Writing (3,W)			IDS 4941 Professional Exp. Internship (0)			

Legend:

Course Prefix & Number | Credits | Course Name

General Education Elective | Credits

Program or Concentration Elective | Credits

C grade or better is required

Program/Concentration Electives

Advanced Topics

Choose 12 credits from Business Analytics Concentrations or Business Analytics elective courses.

Logistics and Supply Chain Management

- MAN 3570 - Purchasing and Materials Management Credits: 3
- MAN 3610 - Global Logistics Management Credits: 3

Select two courses from the following:

- MAN 4594 - Reverse Logistics Credits: 3
- MAN 4593 - National Transportation Management Credits: 3
- MAN 4522 - Planning and Control Systems for Supply Chain Management Credits: 3
- AVM 3012 - Air Transportation and Operations Credits: 3

Intelligent Mobility & Autonomous Systems

Required:

- ESI 4513 - Intelligent Mobility Credits: 3

Choose two or three from the following:

- ESI 4011 - Data Analytics for Smart City & Transportation Credits:
- ESI 3005 - Introduction to Networks and a Connected World Credits: 3
- COP 4421 - Autonomous Systems Programming Credits: 3
- CAP 4613 - Applied Deep Learning Credits: 3

Possible Elective (maximum of one may be taken):

- MAN 4593 - National Transportation Management Credits: 3
- CAP 4410 - Computer Vision Credits: 3
- CEN 4721 - Human Computer Interaction Credits: 3

Quantitative Economic & Econometrics

- ECO 4400 - Game Theory and Strategic Decisions Credits: 3
- ECO 4422 - Econometrics: Causal Inference, Panel and Survey Data Credits: 3
- ECP 3004 - Contemporary Economic Issues Credits: 3
- ECP 4044 - Economic Analysis for Technologists Credits: 3

Business Analytics Program Electives

- STA 3241 - Statistical Learning Credits: 3
- STA 4853 - Time Series Analysis for Business, Data Science, and Economics Credits: 3
- COP 3834 - Web Application Development Credits: 3
- MAC 2312 - Analytic Geometry and Calculus 2 Credits: 4
- MAN 3613 - Supply Chain Risk Management Credits: 3
- Any DSBA concentration course outside of a pursued concentration.

Arts, Humanities, and Social Sciences

Arts & Humanities

Select 6 credits from the following:

Required one (1) from the following:

- ARH 2000 - Art Appreciation (3-W)
- HUM 2020 - Introduction to Humanities (3-W)
- PHI 2010 - Introduction to Philosophy (3)
- MUL 2010 - Music Appreciation (3)
- LIT 2000 - Introduction to Literature (3)

Optional one of the following or more from Arts & Humanities required or Social Sciences:

- IDS 2144 - Legal, Ethical, and Management Issues in Technology (3-W)
- HUM 2022 - Explorations in the Humanities (3-W)

Social Sciences

Select 9 credits from the following:

Required, all of the following:

- ECO 2013 - Principles of Macroeconomics Credits: 3
- ECO 2023 - Principles of Microeconomics Credits: 3

Required: Students must take AMH 2020 or POS 2041, unless Civics Literacy requirement has been met elsewhere. Credits: 3

- AMH 2020 - American History Since 1877 Credits: 3
- POS 2041 - American Government Credits: 3
- AMH 2010 - American History to 1877 Credits: 3
- HIS 2930 - Special Topics Credits: 3

