

BS in Business Analytics

2018-2019 Catalog

Freshman Year

Semester 1

Semester 2

Sophomore Year

Semester 1

Semester 2

Junior Year

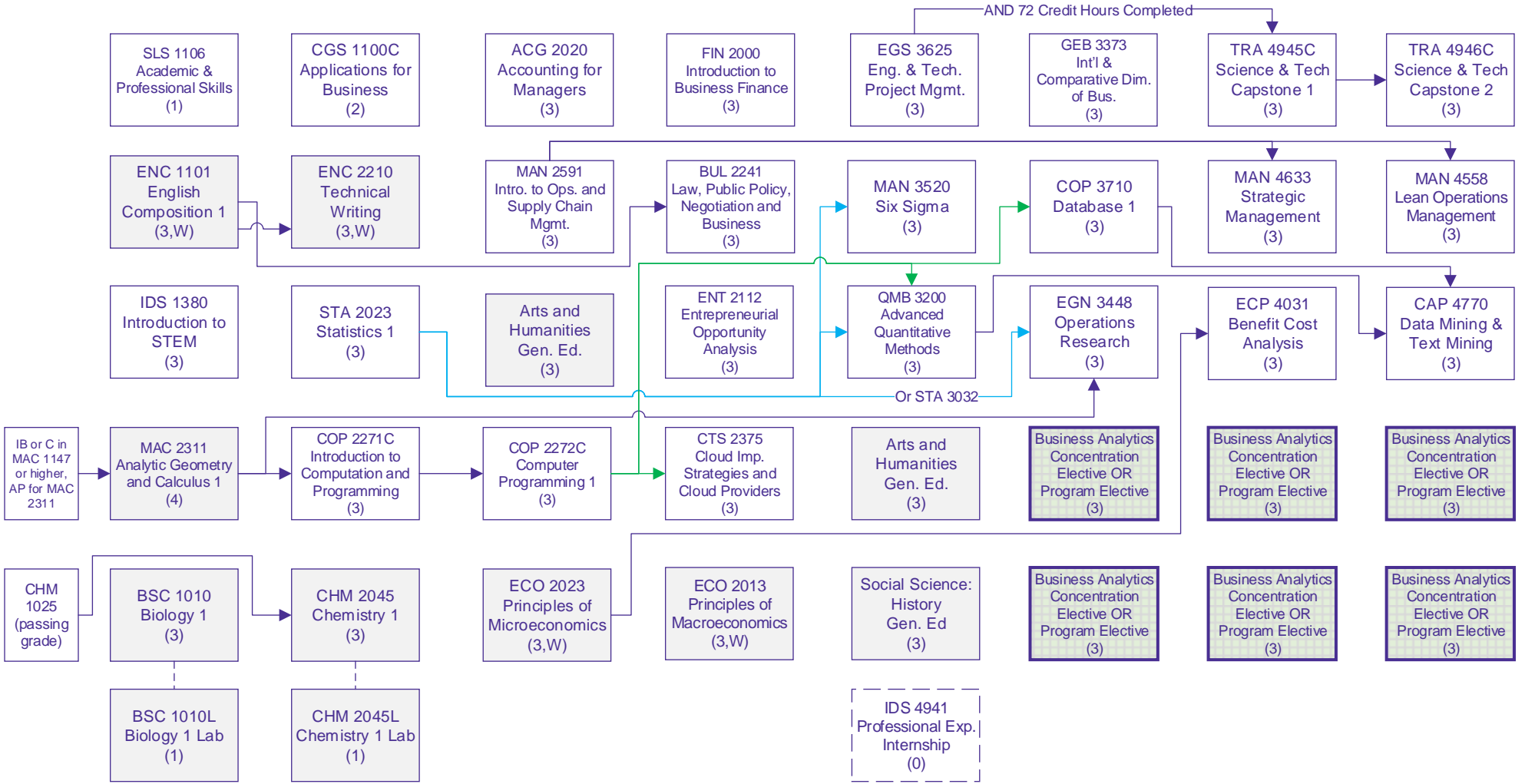
Semester 1

Semester 2

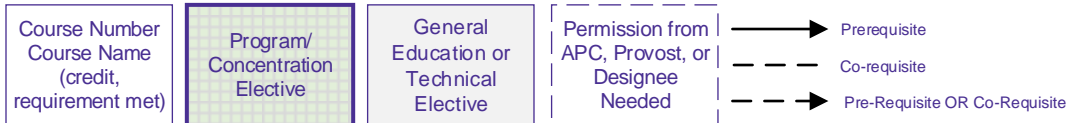
Senior Year

Semester 1

Semester 2



Legend:



Concentration Electives

Health Informatics

- HIM 2340 Development and Admin. of Health Information Systems (3)
- HIM 4064 Survey of the US Health Care System (3)
- HIM 4484 Advanced Topics 1: Consumer and Population Health Informatics (3, HIM 4064)
- XDS 4XXX Advanced Data Science (3, COP 3710, CAP 4770)

Intelligent Mobility

- MAN 4593 National Transportation Management (3, MAN 2591)
- CNT 4XXX Introduction to Transportation Networks (3, COP 2272C)
- CNT 4XX1 Data Analytics for Smart City & Transportation (3, COP 2272C)
- CNT 4XX2 Intelligent Mobility (3, COP 2272C)

Logistics and Supply Chain

- MAN 3570 Purchasing and Materials Management (3)
- MAN 3610 Global Logistics Management (3)
- MAN 4522 Planning and Control Systems for Supply Chain Management (3, MAN 2591 / EGN 3448)
- MAN 4594 Reverse Logistics (3, MAN 2591)

Quantitative Economic & Econometrics

- CIS 3301 Business Intelligence (3, COP 3710, QMB 3200)
- ECO 3930 Special Topics (3, MAC 2311, STA 2023 QR Equivalent)
- ECP 4044 Economic Analysis for Technologists (3, ECO 2023, MAC 2311, STA 2023 QR Equivalent)
- CAP 4763 Advanced Topic 1: Time Series Modeling and Forecasting (3, QMB 3200)

Business Analytics Electives

- AVM 3012 Air Transportation and Operations (3, MAN 2591)
- CAP 4830 Modeling and Simulation (3, STA 2023, COP 3330C)
- CIS 3301 Business Intelligence (3, COP 3710, QMB 3200)

Business Analytics Electives

- COP 2034C Intro. to Programming Using Python (3, MAC 2311)
- COP 3330C Computer Programming 2 (3, COP 2272C)
- COP 3834C Web Application Development (3, COP 2271C)
- ENV 4610 Sustainable Logistics (3)
- MAC 2312 Analytic Geometry and Calculus 2 (3, MAC 2311)
- MAN 3595 Logistics and Technology (3, MAN 2591)
- MAN 3613 Supply Chain Risk Management (3, MAN 2591)
- MAN 4545C Logistics and Supply Chain Mgmt. Computer Software (3, MAN 2591)
- MAN 4593 National Transportation Management (3, MAN 2591)

Arts, Humanities, and Social Sciences

Arts & Humanities

Required one (1) from the following:

- ARH 2000 Art Appreciation (3-W)
- HUM 2020 Introduction to Humanities (3-W, ENC 1101)
- PHI 2010 Introduction to Philosophy (3-W)

Optional one from the following:

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

Social Sciences

Required both of the following

- ECO 2013 Principles of Macroeconomics (3-W)
- ECO 2023 Principles of Microeconomics (3-W)

Must have AMH 2020 American History to 1877 (3-W; Civic Literacy). If Civic Literacy requirement has been met, may take one of the following:

- AMH 2010 American History to 1877 (3-W)
- AMH 2930 Special Topics (1 to 3-W)

Total Program Credits: 120

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