

# BS in Business Analytics

2020-2021 Catalog

## Freshman Year

Semester 1

Semester 2

## Sophomore Year

Semester 1

Semester 2

## Junior Year

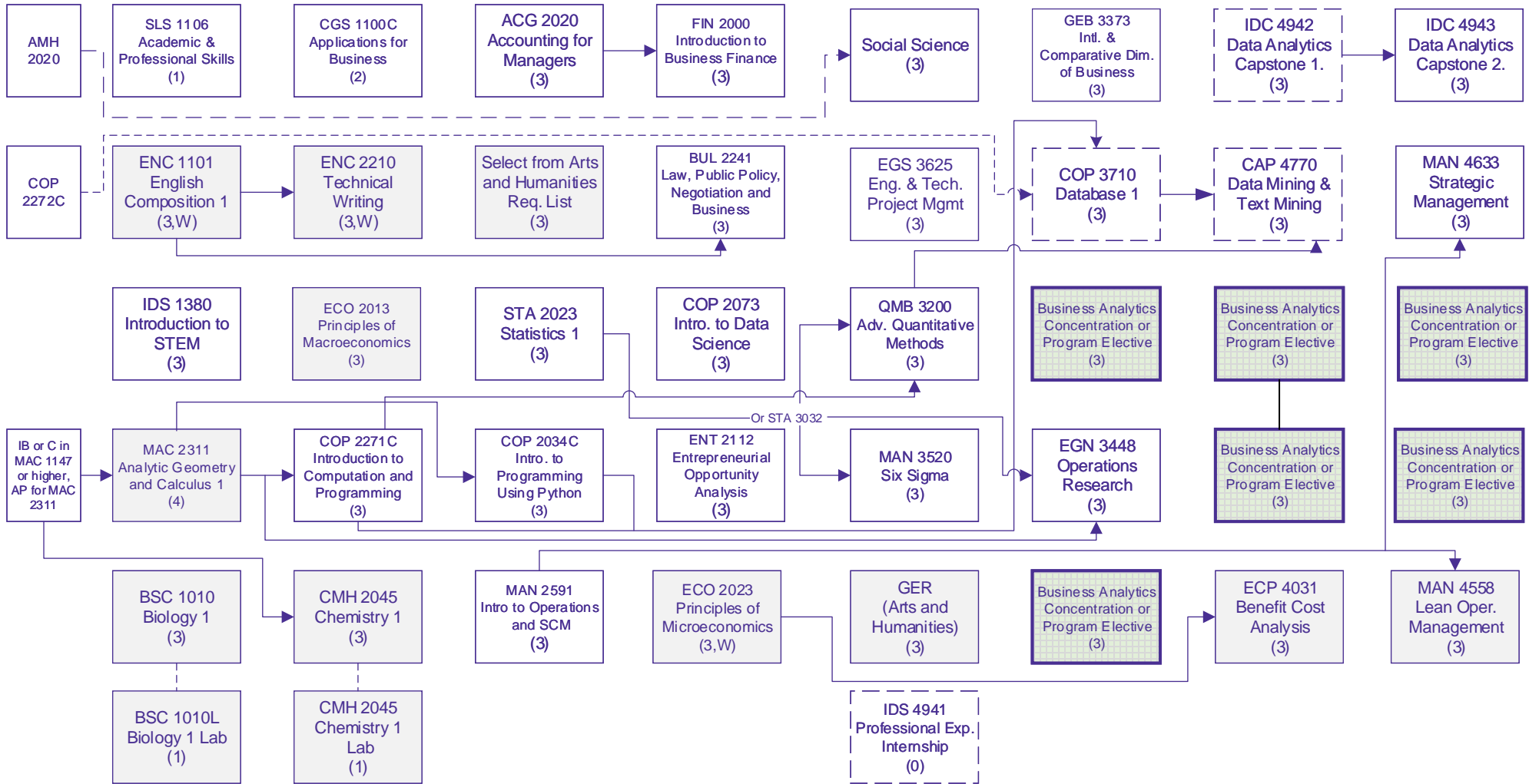
Semester 1

Semester 2

## Senior Year

Semester 1

Semester 2



It is recommended that COP 2271C should get taken during the freshman year, semester one and IDS 1380 should get taken during the freshman year, semester two

### Legend:

Course Number Course Name (credit, requirement met)	Program/ Concentration Elective	General Education or Technical Elective	Permission from Dept. Chair, Provost, or Designee Needed	→ Prerequisite
				- - - Co-requisite
				- - - → Pre-Requisite OR Co-Requisite



**BS in Business Analytics**  
**Program/Concentration Electives and General Education**

2020-2021 Catalog

Program/Concentration Electives

**Logistics and Supply Chain Management**

MAN 3570 - Purchasing and Materials Management Credits: 3

MAN 3610 - Global Logistics Management Credits: 3

MAN 4594 - Reverse Logistics Credits: 3

-or-

ENV 4610 - Sustainable Logistics Credits: 3

Select one course from the following:

MAN 4522 - Planning and Control Systems for Supply Chain Management Credits: 3

MAN 4593 - National Transportation Management Credits: 3

AVM 3012 - Air Transportation and Operations Credits: 3

EGN 3466 - Discrete Event Simulation Credits: 3

**Intelligent Mobility**

ESI 3005 - Introduction to Networks and a Connected World Credits: 3

-or-

CNT 3004C - Introduction to Computer Networks Credits: 3

ESI 4011 - Data Analytics for Smart City & Transportation Credits:

ESI 4513 - Intelligent Mobility Credits: 3

Select one course from the following:

MAN 4593 - National Transportation Management Credits: 3

MAN 4594 - Reverse Logistics Credits: 3

AVM 3012 - Air Transportation and Operations Credits: 3

**Quantitative Economics & Econometrics**

ECP 4044 - Economic Analysis for Technologists Credits: 3

ECO 3930 - Special Topics Credits: 3

Other Concentration course or program elective Credits: 3

ECP 4031 - Benefit Cost Analysis Credits: 3

-or-

CAP 4763 - Time Series Modeling and Forecasting Credits: 3

(students take whichever is not already required in the degree)

**Health Systems Engineering**

• HIM 3490 - Introduction to Health Systems Engineering Credits: 3

• HIM 3514 - Health Systems Modeling and Optimization Credits: 3

• HIM 3654 - Health Systems Implementation Credits: 3

• Other DSBA concentration course OR program elective

Business Analytics Program Electives

- STA 3241 Statistical Learning (3, QMB 3200, or STA 2023 and MAS 3114)
- CNT 3200 Distributed Information Systems (3, COP 3710)
- HIM 4654 Implementation of EHR/EMR and Clinical Support Methods (3, COP 3710)
- HIM 4016 Policy Issues in Health Informatics (3)
- COP 3330C Computer Programming 2 (3, COP 2272C)
- MAC 2312 Analytic Geometry and Calculus 2 (3, MAC 2311)
- AVM 3012 Air Transportation and Operations (3, MAN 2591)
- COP 3834C Web Application Development (3, COP 2271C)
- ENV 4610 Sustainable Logistics (3)
- MAN 3613 Supply Chain Risk Management (3, MAN 2591)
- EGN 3466 Discrete Event Simulation

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 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**

Required one (1) from the following:

- AMH 2010 American History Since 1877 (3-W-Civic Literacy)
- PSY 2012 General Psychology (3-W)
- ECO 2013 Principles of Macroeconomics (3-W)

Required one (1) from the following:

- AMH 2020 American History to 1877 (3-W)
- AMH 2930 Special Topics (1 to 3-W)
- ECO 2023 Principles of Microeconomics (3-W); Already in plan of study

**Total Program Credits: 120**

[Click Here to print program planner](#)

[Click Here to access entire Florida Poly Catalog](#)

[Click Here to view program plan of study](#)



# BS in Business Analytics Concentration: Logistics and Supply Chain Management

2019-2020 Catalog

## Freshman Year

Semester 1      Semester 2

## Sophomore Year

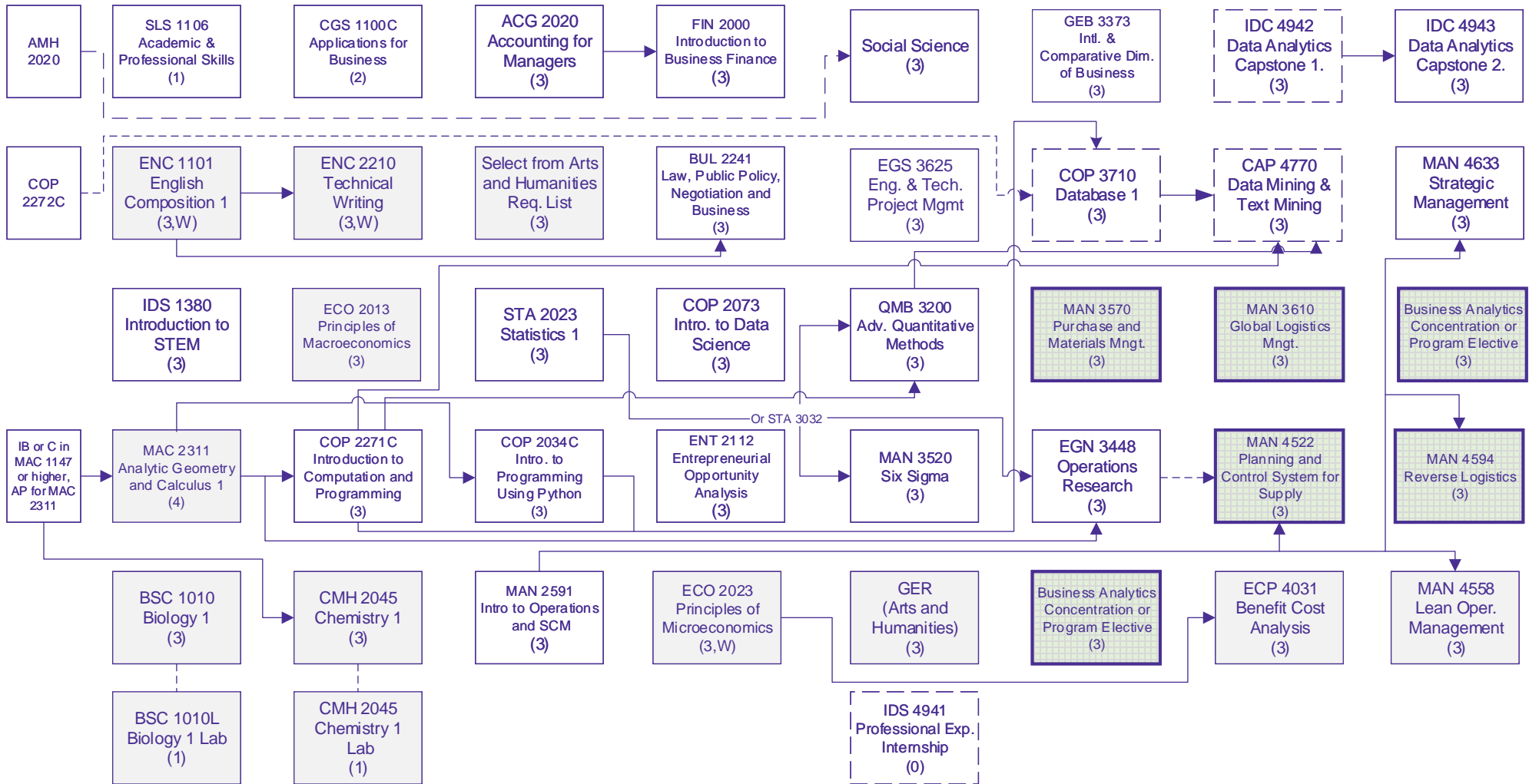
Semester 1      Semester 2

## Junior Year

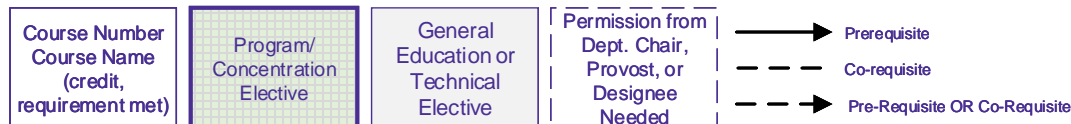
Semester 1      Semester 2

## Senior Year

Semester 1      Semester 2



### Legend:



# BS in Business Analytics Concentration: Intelligent Mobility

2019-2020 Catalog

## Freshman Year

Semester 1

Semester 2

## Sophomore Year

Semester 1

Semester 2

## Junior Year

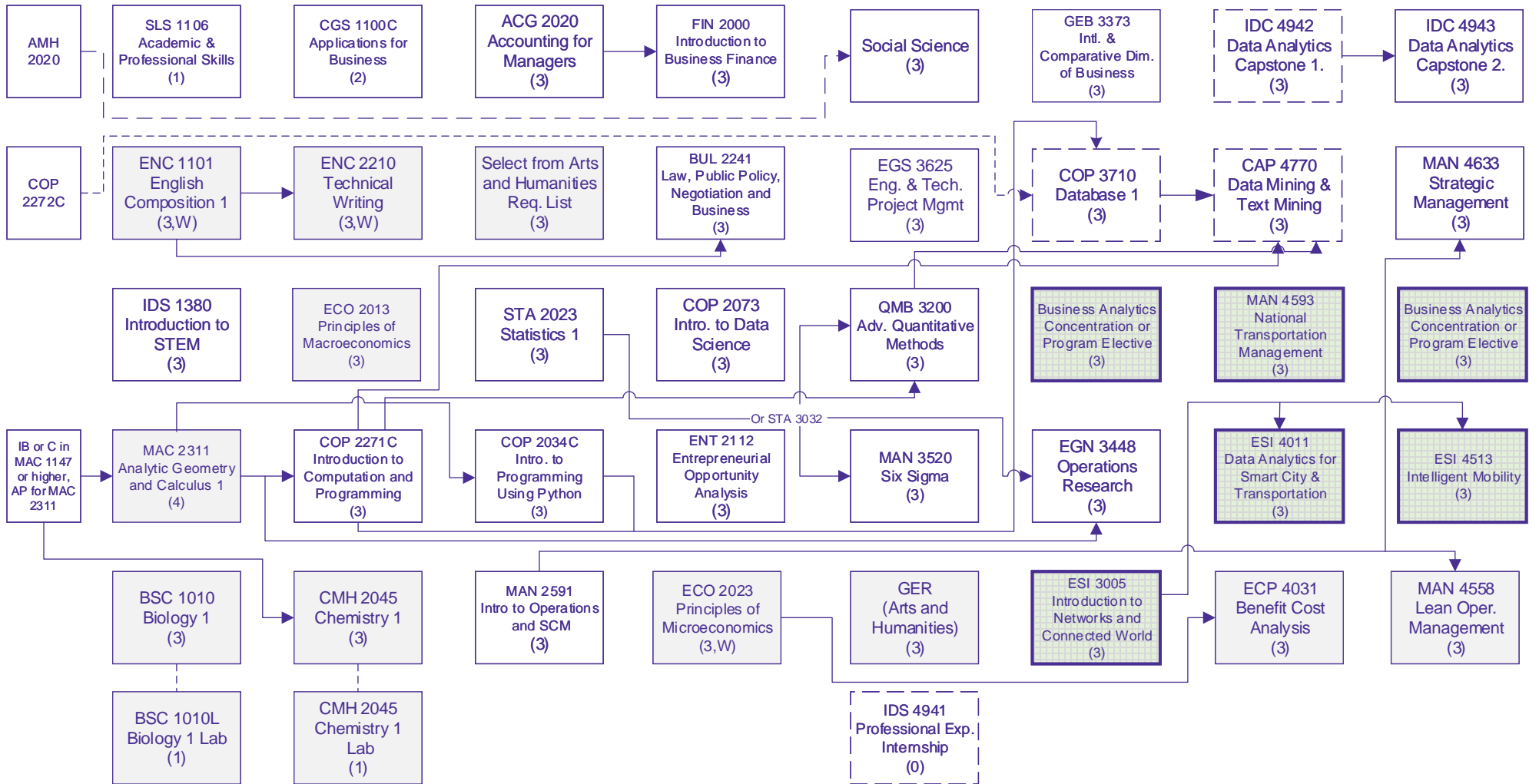
Semester 1

Semester 2

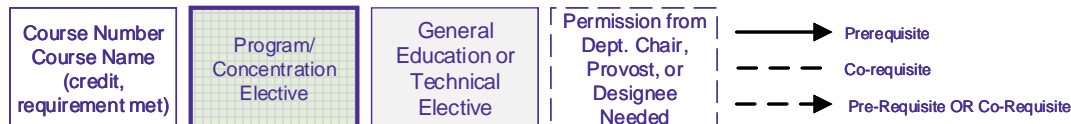
## Senior Year

Semester 1

Semester 2



### Legend:



# BS in Business Analytics Concentration: Health Informatics

2019-2020 Catalog

## Freshman Year

Semester 1      Semester 2

## Sophomore Year

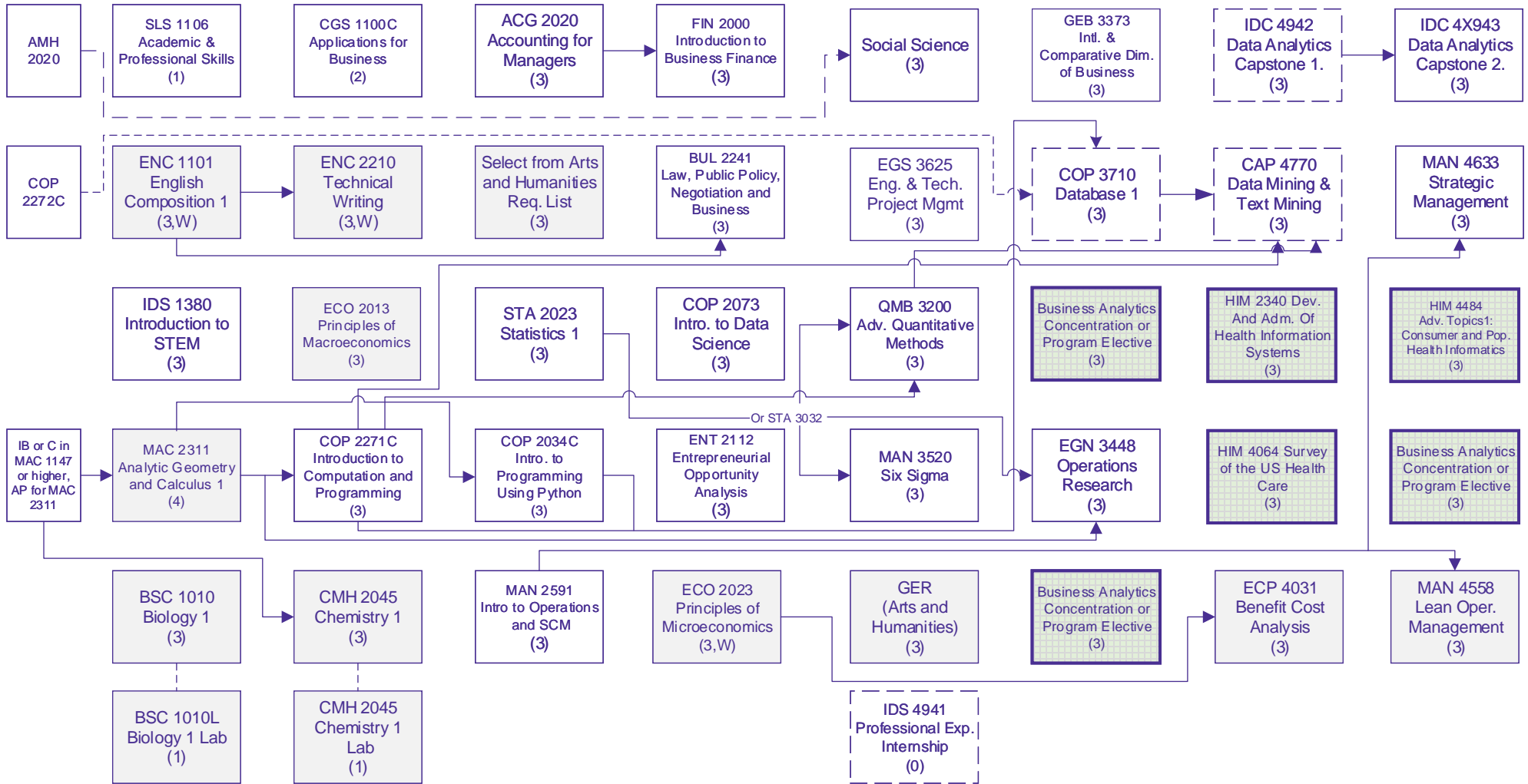
Semester 1      Semester 2

## Junior Year

Semester 1      Semester 2

## Senior Year

Semester 1      Semester 2



### Legend:



# BS in Business Analytics Concentration: Quantitative Economics and Econometrics

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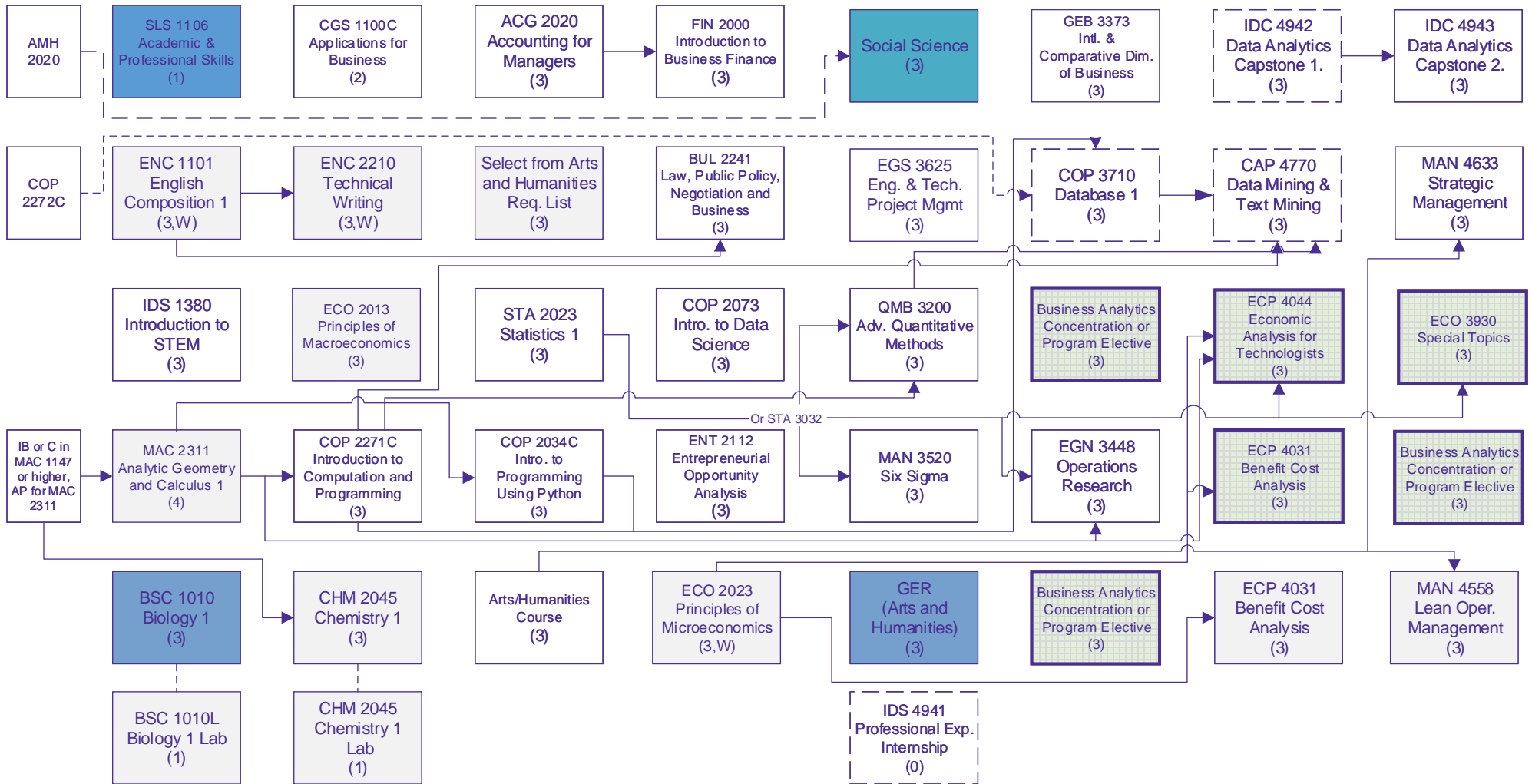
Semester 1      Semester 2

## Junior Year

Semester 1      Semester 2

## Senior Year

Semester 1      Semester 2



### Legend:

