

Plan of Study

Associate of Science Business Analytics

Catalog Year: 2022 - 2023

Sample Schedule: students are not limited to this plan; it is meant to serve as a guide for planning purposes in discussions with your academic advisor. This plan is one possible path to completing this degree in *four years*.

| FIRST YEAR | | | | |
|--|--|---------|-----------|------------|
| First Semester | | | On Campus | Online |
| Course | Prerequisites / Comments | Credits | Semester(| s) Offered |
| CIS 325 Management Information Systems | | 3 | F | F/S/SU |
| CSC 105 Introduction to Computers | | 3 | F/S | F/S/SU |
| CSC 150 Computer Science I | | 3 | F/S | F/S/SU |
| SGE Written Communication | 1 of 1, ENGL 101 required | 3 | F/S | F/S/SU |
| SGE Math | 1 of 1, MATH 114 required, can take higher math based on placement | 3 | F/S | F/S/SU |
| GS 100 University Experience | Not required online | 0 | F | - |
| | Total Credit Hours | 15 | | |

Second Semester

| Course | Prerequisites / Comments | Credits | Semester(s) Offered | |
|---|--------------------------|---------|---------------------|--------|
| BADM 220 Business Statistics | Math 104 or higher | 3 | F/S | F/SU |
| CIS 251 Business Applications Programming | CSC 150 | 3 | S | F/S/SU |
| CIS 484 Database Management Systems | | 3 | F/S | F/S/SU |
| SGE Written Communication | 2 of 2, ENGL 201 | 3 | F/S | F/S |
| SGE Natural Sciences | 1 of 1 | 3 | F/S | F/S/SU |
| | Total Credit Hours | 15 | | |

SECOND YEAR

Third Semester

| Course | Prerequisites / Comments | Credits | Semester(s) Offered | |
|--|----------------------------------|---------|---------------------|--------|
| BADM 321 Business Statistics II | BADM 220 or MATH 281 or STAT 281 | 3 | F/S | S/SU |
| CIS 372 Programing for Analytics | CIS 123 or CIS 130 or CSC 150 | 3 | F | F |
| CIS 474 Business Intelligence and Big Data | CIS 123 or CIS 130 or CSC 150 | 3 | F | F |
| SGE Arts & Humanities | 1 of 1 | 3 | F/S | F/S/SU |
| SGE Social Sciences | 1 of 1 | 3 | F/S | F/S/SU |
| | Total Credit Hours | 15 | | |

Fourth Semester

| Course | Prerequisites / Comments | Credits | Semester | (s) Offered |
|---|--|---------|----------|-------------|
| CIS 206, 207, 208 Advanced Applications | Chance 2 of 4 Dramany initiaty CCC 105 | 2 | S | F/S/SU |
| CIS 210 QuickBooks I | Choose 3 of 4, Prerequisites: CSC 105 | 3 | F | F |
| CIS 368 Predictive Analytics | CIS 372 and BADM 220 or MATH 281 or MATH 381 | 3 | S | S |
| Open Elective | 1 of 1 | 3 | F/S | F/S/SU |
| SGE Oral Communications | 1 of 1 (CMST 101, 215, 222) | 3 | F/S | F/S/SU |
| SGE Elective | 1 of 1, (Must take ECON 201) | 3 | F/S | F/S/SU |
| | Total Credit Hours | 15 | | |

P = Course Prerequisite

Semester: F = Fall; S = Spring; SU = Summer

Information and course schedules may change. This is not a contract.