

**Catalog Year 2017-2018 Sample 4-Year Schedule
BS in Information Systems & Operations Management (ISOM)**

First Year

| <u>Semester 1 - Fall</u> | Credits | <u>Semester 2 - Spring</u> | Credits |
|--|----------|---------------------------------|---------|
| ENGH 101 Composition (or 100) | 3 (or 4) | COMM 100/101 Oral Communication | 3 |
| ECON 103 Microeconomics | 3 | BUS 103 Professional Skills I | 3 |
| Fine Arts | 3 | MATH 108 Calculus | 3 |
| BUS 100 Business and Society | 3 | Laboratory Science | 4 |
| General Elective | 3 | ECON 104 Macroeconomics | 3 |
| (MATH 008 self-paced tutorial if needed) | (0) | | |
| Semester Credits: | 15 | Semester Credits: | 16 |
| Cumulative Credits: | 15 | Cumulative Credits: | 31 |

Second Year

| <u>Semester 3 - Fall</u> | Credits | <u>Semester 4 - Spring</u> | Credits |
|--|---------|--|---------|
| Laboratory Science | 4 | BULE 303 Legal Environment of Business | 3 |
| BUS 210 Business Analytics I | 3 | HIST 100 or 125 Western Civilization | 3 |
| Literature | 3 | MIS 303 Management Info Systems | 3 |
| BUS 200 Global Environment of Business | 3 | BUS 310 Business Analytics II | 3 |
| ACCT 203 Survey of Accounting | 3 | General Elective | 3 |
| Semester Credits: | 16 | Semester Credits: | 15 |
| Cumulative Credits: | 47 | Cumulative Credits: | 62 |

Third Year

| <u>Semester 5 - Fall</u> | Credits | <u>Semester 6 - Spring</u> | Credits |
|---|---------|-----------------------------------|---------|
| OM 303 Operations Management | 3 | MKTG 303 Principles of Marketing | 3 |
| ACCT 303 Accounting for Decision Making | 3 | BUS 303 Professional Skills II | 3 |
| MGMT 303 Principles of Management | 3 | MIS 330 Systems Analysis & Design | 3 |
| ENGH 302 (Business section recommended) | 3 | ISOM Elective | 3 |
| MIS 310 Database Management Systems | 3 | General Elective | 3 |
| Semester Credits: | 15 | Semester Credits: | 15 |
| Cumulative Credits: | 77 | Cumulative Credits: | 92 |

Fourth Year

| <u>Semester 7 - Fall</u> | Credits | <u>Semester 8 - Spring</u> | Credits |
|------------------------------------|---------|----------------------------|---------|
| FNAN 303 Financial Management | 3 | BUS 498 Business Capstone | 3 |
| OM 493 Management of Tech Projects | 3 | ISOM Elective | 3 |
| ISOM Elective | 3 | ISOM Elective | 3 |
| General Elective | 3 | General Elective | 3 |
| General Elective | 3 | General Elective | 1 |
| Semester Credits: | 15 | Semester Credits: | 13 |
| Cumulative Credits: | 107 | Cumulative Credits: | 120 |

ISOM Electives:

- MIS 302 Introduction to Programming for Business Applications
- MIS 320 Networks and Security
- MIS 410 Advanced Database Systems
- MIS 412 E-Business Systems Development
- MIS 415 Information Systems Audit and Control
- MIS 420 Information Security and Assurance
- MIS 430 Data Warehousing
- MIS 431 Data Mining for Business Applications
- MIS 462 Honors Seminar in Management Information Systems
- MIS 491 Seminar in Management Information Systems
- MIS 499 Independent Study in Management Information Systems
- OM 320 Supply Chain Management in a Global Economy
- OM 352 Management Science
- OM 435 Business Process Analysis and Simulation
- OM 452 Business Forecasting
- OM 456 Quality Management
- OM 462 Honors Seminar in Operations Management
- OM 499 Independent Study in Operations Management
- BUS 492 Internship