



# Bachelor of Science in Information Technology to Master of Business Administration (Dual Degree Track)

**150  
CREDITS**

| ARTS AND SCIENCES COMPONENT  |                                     |  | CREDIT HOURS       |
|--|-------------------------------------|--|--------------------|
| ▶ Communications (Must include 6 credits in the Written English Requirement)   |                                     |  | 9                  |
| ▶ Humanities   |                                     |  | 3                  |
| ▶ Ethics   |                                     |  | 3                  |
| ▶ Social Sciences/History  |                                     |  |                    |
| Organizational Behavior <sup>①</sup>   |                                     |  | 9                  |
| Economics <sup>①</sup>   |                                     |  |                    |
| ▶ Mathematics and Natural Sciences   |                                     |  |                    |
| Natural Science (at least 3 credits)   |                                     |  | 12                 |
| Discrete Math  |                                     |  |                    |
| One course from the following: Calculus I, Statistics and Probability, Quantitative Methods <sup>①</sup> (prerequisite is Statistics and Probability), Finite Math or Mathematical Logic |                                     |  |                    |
| ▶ Arts and Sciences Electives  |                                     |  | 24                 |
| <b>TOTAL CREDITS FOR ARTS AND SCIENCES COMPONENT</b>   |                                     |  | <b>60</b>          |
| INFORMATION TECHNOLOGY COMPONENT   |                                     |  | CREDIT HOURS       |
| ▶ Core Requirements  |                                     |  |                    |
| Object-Oriented Programming <sup>②</sup>   | Data Communications and Networking  | Project Management                                     |                    |
| Computer Systems Architecture <sup>②</sup>   | Web Design and Development          | System Administration                                  |                    |
| Operating Systems <sup>②</sup>   | Human-Computer Interaction          | IT 495 Integrated Technology                           |                    |
| Database Concepts  | Overview of Computer Security       | Assessment (capstone) <sup>③</sup>                     |                    |
| ▶ Concentration Requirements   |                                     |  |                    |
| One of the following concentrations must be declared (see page 43)   |                                     |  |                    |
| Cybersecurity Technology   | General Option                      | Information Security                                   | Network Operations |
| <b>TOTAL CREDITS FOR INFORMATION TECHNOLOGY COMPONENT (15 credits must be upper level)</b>   |                                     |  | <b>48</b>          |
| FREE ELECTIVE COMPONENT  |                                     |  | CREDIT HOURS       |
| ▶ Information Literacy   |                                     |  | 1                  |
| ▶ Free Electives   |                                     |  | 5                  |
| <b>TOTAL CREDITS FOR FREE ELECTIVE COMPONENT</b>   |                                     |  | <b>6</b>           |
| GRADUATE PHASE: (30 total graduate credits required)   |                                     |  |                    |
| Students achieve graduate status upon completion of the bridge component and all other undergraduate requirements.   |                                     |  |                    |
| BRIDGE COMPONENT   |                                     |  | CREDIT HOURS       |
| ▶ Information Technology   |                                     |  | 3                  |
| ▶ Global Business Environment  |                                     |  | 3                  |
| <b>TOTAL CREDITS FOR BRIDGE COMPONENT</b>  |                                     |  | <b>6</b>           |
| GRADUATE COURSE COMPONENT  |                                     |  | CREDIT HOURS       |
| Accounting for Managers  | Operations Management               | Strategy and Policy (capstone) <sup>③</sup>            |                    |
| Marketing  | Leadership                          | Electives (9 elective or concentration course credits) |                    |
| Managerial Finance   | Project Management and Applications |  |                    |
| <b>TOTAL CREDITS FOR GRADUATE COURSE COMPONENT</b>   |                                     |  | <b>30</b>          |
| <b>TOTAL CREDITS FOR GRADUATE PHASE</b>  |                                     |  | <b>36</b>          |
| <b>TOTAL DEGREE CREDITS REQUIRED</b>   |                                     |  | <b>150</b>         |

① Must be taken at the upper level and completed with a grade of B or above within the past 10 years.

② The core requirements should be completed in the order listed.

③ IT 495 Integrated Technology Assessment and BUS 511 Strategy and Policy are the required capstone courses and must be taken through Excelsior College. They cannot be transferred in.