<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<td>ENG 101</td>
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<tr>
<td>English Comp I</td>
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<td>ENG1105/1106 College Writing 1 and Lab</td>
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<td>ENG 102</td>
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<td>English Comp II</td>
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<td>ENG1107/1108 College Writing 2 and Lab</td>
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<tr>
<td>COM 116</td>
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<td>Interpersonal Communication</td>
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<td>CMN1100</td>
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<td>Organizational Communication</td>
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<td>ETH 101</td>
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<tr>
<td>Ethics and Society</td>
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<td>PHL2100</td>
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<td>Business Ethics</td>
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<td>IDS 101</td>
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<td>General Education Seminar: First Year Experience</td>
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**Note:** No duplicate courses will be accepted.

Complete the following core courses:
- ENG 1105 College Writing I
- ENG1106 College Writing II
- MTH 1100 College Algebra
- MGT 1100 Introduction to Business
- MGT 2310 Organizational Behavior

Pick one of the following:
- PHL 2100 Business Ethics
- PHL 2130 Business Ethics for the Social Sciences
- MTH 1100 College Algebra
- MGT 1100 Introduction to Business

Upper Division:
- MTH 3220 Business Statistics
- STAT 3210 Statistical Methods for Social Sciences

Upper Division:
- MTH 3250 Calculus
- STAT 3210 Statistical Methods for Social Sciences

Major Requirements:
- ITC 1100 Human Computer Interaction
- ITC 1200 Operating Systems Concepts
- ITC 1300 Computer Systems and Design
- ITC 1400 Object-Oriented Programming
- ITC 1500 Cloud Computing and Web Services
- ITC 1600 Data Structures and Algorithms
- ITC 1700 Database Management System
- ITC 1800 Web Design and Development
- ITC 1900 Software Engineering
- ITC 2200 Introduction to Programming (Java)
- ITC 2300 Database Management System
- ITC 2400 Web Design and Development
- ITC 2500 Software Engineering
- ITC 2600 Database Management System
- ITC 2700 Computer Systems and Design
- ITC 2800 Object-Oriented Programming
- ITC 2900 Cloud Computing and Web Services
- ITC 3000 Data Structures and Algorithms
- ITC 3100 Database Management System
- ITC 3200 Web Design and Development
- ITC 3300 Software Engineering
- ITC 3400 Database Management System
- ITC 3500 Computer Systems and Design
- ITC 3600 Object-Oriented Programming
- ITC 3700 Cloud Computing and Web Services
- ITC 3800 Data Structures and Algorithms
- ITC 3900 Database Management System
- ITC 4000 Web Design and Development
- ITC 4100 Software Engineering
- ITC 4200 Database Management System
- ITC 4300 Computer Systems and Design
- ITC 4400 Object-Oriented Programming
- ITC 4500 Cloud Computing and Web Services
- ITC 4600 Data Structures and Algorithms
- ITC 4700 Database Management System
- ITC 4800 Web Design and Development
- ITC 4900 Software Engineering

Professional Electives:
- Complete 15 credits in the following subject areas: ALY, CET, GET, ITC

Pick a concentration:
- Applications Development Concentration (Optional Track): Choose five courses not already used to fulfill major requirements
  - ALY 2010 Probability Theory and Intro to Statistics
  - ALY 2100 Intro to Programming for Data Analytics
  - CET 2200 Data Structures and Algorithms
  - CET 2300 Object-Oriented Programming
  - ITC 2430 E-Commerce Systems
  - ITC 3100 Advanced Applications Development
  - ITC 3150 Database Management System
  - ITC 3300 Structured Query Language (SQL)
  - ITC 3320 Data Warehousing Technologies
  - ITC 3400 Web Design and Multimedia

- Systems Administration and Cybersecurity Concentration (Optional Track): Choose five courses not already used to fulfill major requirements
  - CET 2100 Mobile and Wireless Networking
  - CET 2200 UNIX System Administration
  - CET 3620 Linux Ethical Hacking
  - CET 3800 Network Security
  - ITC 3800 Oracle Database Administration
  - ITC 4800 Advanced Data Analytics
  - ITC 4810 Linux Ethical Hacking

Remaining Open Electives:
- Complete 30 credits to reach the minimum 120 credits.

*Courses graded on three-credit scale.*