### BUSINESS COURSES

**BUSINESS CORE (31 Hours)**
- CIS 261 Advanced Microcomputer Applications (CIS 151)
- ACCT 201 Accounting Principles I (CIS 151, MATH 111)
- ACCT 202 Accounting Principles II (ACCT 201)
- BCOM 231 Business Communications (CIS 151, ENG 201, CMST 101)
- BLAW 263 Legal Environment of Business
- ECON 265 Elementary Statistics (MATH 111)
- FIN 305 Business Finance (See Page 3)
- MNGT 305 Principles of Management (See Page 3)
- MKTG 305 Principles of Marketing (See Page 3)
- BCOM 401 Business Career Planning & Prof. Development (Sr)
- MATH 111 Computer Applications in Business (3 hours)

### CIS CORE REQUIREMENTS (21 hours)
- CIS 111 Introduction to Computer Information Systems
- CIS 305 Management Information Systems
- CIS 367 Data Communications
- CIS 375 Systems Analysis and Design
- CIS 377 Database Concepts
- CIS 454 Managing Information Technology
- CIS 477 Applied Software Development Project

### CIS MAJOR TRACKS (choose one 12 hour track)

**Enterprise Web Development**
- CIS 276 Introduction to Enterprise Web Development
- CIS 376 Programming for Enterprise Web Development
- CIS 476 Advanced Enterprise Web Development
- One course from IS Management Track

**Application Development**
- CS 258 Introduction to Object-Oriented Programming using C#
- CS 358 Intermediate Object-Oriented Programming using C#
- CS 458 Advanced Programming using C#
- One course from IS Management Track

**IS Management**
- CIS 335 Seminar in Information Systems
- CIS 345 Information Systems Security & Risk Management
- CIS 385 Enterprise Resource Planning
- One course from Application Development Track

### BUSINESS AND ECONOMICS ELECTIVES
- CIS 151 Computer Applications in Business (3 hours)
- ECON 209 Macroeconomics (3 hours)
- ECON 241 Global Economic Issues

### FOUNDATIONS (14 - 15 hours)
- ENG 101 Freshman Composition (3 hours)
- ENG 201 Rhet & Comp II: Argument (3 hours)
- CMST 101 Introduction to Public Speaking (3 hours)
- MATH 215 Survey of Calculus (or MATH 230) (3-4 hours)
- KIN 192 Concepts of Wellness & Fitness (1 hour)
- UNIV 101 Freshman Year Experience (1 hour)

### CIVIC AND CULTURAL AWARENESS / WAYS OF KNOWING (12 hours)

**SOCIAL INQUIRY**
- ECON 208 Microeconomics (3 hours)

**MORAL AND ETHICAL REASONING**
- PHIL 201 Ethics (3 hours)

**CHOOSE 2 Courses - Select from 2 of 4 remaining WoK Categories**

**BACHELOR OF SCIENCE REQUIREMENTS (13 hours)**

**SOCIAL SCIENCE**
- PSY 201 Introduction to Psychology (3 hours)

**World Languages and Culture**

**NATURAL SCIENCE** (7 hours) (at least one with a lab)

**EMBEDDED EXPERIENCES (from CORE, major and/or electives)**

**Diversity** - PHIL 201 (see above)

**Global** -- ECON 241 Global Economic Issues (3 hours)

**Writing** (2) -- BCOM 231 Business Communications (see business core)

**NOTE:** Additional non-business courses to meet course prerequisites & 56 hours in non-business coursework

- MATH 111 College Algebra (4 hours)

SEE REVERSE SIDE FOR FOOTNOTES a, b, c

39 HOUR UPPER DIVISION HOURS (300/400 level) IS REQUIRED.
A TYPICAL FOUR-YEAR PROGRAM IN COMPUTER INFORMATION SYSTEMS WOULD BE:

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Hours</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>Mathematics</td>
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<td>Mathematics</td>
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<tr>
<td>English</td>
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<td>World Lang/Cult.</td>
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<td>CMST 101 Intro to Public Speaking</td>
<td>3</td>
<td>Natural Science w/lab</td>
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<tr>
<td>CIS 151 Comp. App in Business OR</td>
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<td>CIS 111 Intro to CIS</td>
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<tr>
<td>CIS 261 Adv. Microcomputer App.</td>
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<td>PSY 201 Intro to Psychology</td>
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<td>UNIV101</td>
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<tr>
<td>History or Science Elective</td>
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**FRESHMAN YEAR**

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<tr>
<td>ENG 201</td>
<td>3</td>
<td>ACCT 202 Acct Prin II</td>
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<td>ACCT 201 Acct Prin I</td>
<td>3</td>
<td>ECON 209 Macroeconomics</td>
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<tr>
<td>ECON 208 Microeconomics</td>
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<td>BCOM 231 Bus. Communications</td>
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<td>BLAW 263 Legal Env of Bus</td>
<td>3</td>
<td>ECON 241 Global Econ Issues</td>
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<tr>
<td>ECON 265 or MATH 241</td>
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<td>Phil201 Ethics</td>
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<td>KIN192</td>
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**SOPHOMORE YEAR**

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<td>FIN 305 Business Finance</td>
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<td>CIS 367 Data Communications</td>
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<td>MKTG 305 Prin of Marketing</td>
<td>3</td>
<td>CIS 375 Systems Analysis &amp; Design</td>
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<tr>
<td>CIS 305 Management Info Systems</td>
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<td>Course from CIS Track</td>
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<tr>
<td>MNGT 305 Prin of Management</td>
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<tr>
<td>Writing Emb. Exp. (upper)</td>
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<td>Natural Science</td>
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**JUNIOR YEAR**

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<tr>
<td>CIS 377 Database Concepts</td>
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<td>MNGT 452 Policy Form &amp; Admin</td>
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<td>CIS 454 Managing Info Technology</td>
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<td>Elective</td>
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<td>CIS 477 Applied Software Devel. Proj.</td>
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<td>BCOM 401 Bus. Career Plan</td>
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<td>Course from CIS Track</td>
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**SENIOR YEAR**

a Or Eng 210, Technical Report Writing
b Or MATH 241, Principles of Statistics
c PHIL201 counts as both as CORE39 – Moral and Ethical Reasoning and as a Diversity Embedded Experience
PREREQUISITES

**ACCT 201** - CIS 151 or 261, MATH 111, and must have Completed at least 24 credit hours

**ACCT 202** - ACCT 201

**BCOM 231** - ENG 201, CIS 151, CMST 101

**BLAW 263** - Sophomore Standing

**CIS 305** - CIS 151, ACCT 201, 202*,
   ECON 208, 209*, and Junior Standing

**ECON 265** - MATH 111

**DSCI 351** - ECON 265, CIS 151, MATH 215

**DSCI 445** - MNGT 305, ECON 265, MATH 215

**ECON 208** - MATH 111 or equivalent and must Have completed or be enrolled in 32nd semester hour

**ECON 209** - MATH 111 or equivalent and Have completed or be enrolled in 32nd semester hour

**FIN 305** - ACCT 201, 202, ECON 265,
   ECON 208, 209, MATH 215

**MNGT 305** - ACCT 201, 202*, ECON 208, 209*,
   PSY 201, and Junior standing

**MKTG 305** - ACCT 201, 202*, ECON 208, 209*,
   PSY 201 and Junior standing

**BCOM 401** – BCOM 231, Senior standing

**MNGT 452** - MNGT 305, FIN 305, MKTG 305,
   Senior standing

* May be taken concurrently

**See catalog to check for prerequisites for classes not listed