### Lower Division Core (21 units)

You are responsible for meeting all prerequisites and co-requisites as stated in the class schedule.

All core courses must be completed with a "C" (2.0) or better. A grade of "C-" (1.7) or lower is not a passing grade.

- **MATH 135** Business Calculus (3)
- **OR** **MATH 130 A** A Short Course in Calculus (4)
- **OR** **MATH 150A** Calculus I (4)
- **BUAD 201** Business Writing (3)
- **ACCT 201A** Financial Accounting (3)
- **ECON 201** Principles of Microeconomics (3)
- **ACCT 201B** Managerial Accounting (3)
- **ECON 202** Principles of Macroeconomics (3)
- **MGMT 246** Business and Its Legal Environment (3)

### Upper Division Core (27 units)

You may complete your upper division core concurrently with your concentration requirements once your concentration is declared.

- **BUAD 301** Advanced Business Communication (3)
- **ISDS 361A** Business Analytics I (3)
- **MKTG 351** Principles of Marketing (3)
- **FIN 320** Financial Management I (3)
- **ISDS 351** Principles of Information Systems (3)
- **ISDS 361B** Business Analytics II (3)
- **MGMT 339** Managing Operations (3)
- **MGMT 340** Organizational Behavior (3)
- **ECON 315** Intermediate Business Microeconomics (3)
- **OR** **ECON 320** Intermediate Macroeconomics Analysis (3)

### Global Business Requirement (3 units)

Complete one three-unit course in the area of Global Business. The course must be selected from the list of approved Global Business courses and may not be a course in your concentration. Underlined courses in economics may fulfill general education requirements.

- **APPROVED COURSES:** ECON 330, 332, 333, 334, 335, 336, FIN 370, 371, 373, 375, MGMT 350, MKTG 445, MKTG 475

### Approved Practicum Requirement (3 units)

Complete one three-unit upper-division course in a practicum area, selected in consultation with your advisor. The practicum may not double count within the major and must be completed with a "C" (2.0) or better. A grade of "C-" (1.7) or lower is not a passing grade.

To fulfill the practicum requirement complete a course for Professional and Career Development, Internship, or Experiential Learning. Approval must be obtained prior to enrolling in your practicum requirement:

### Information Systems Concentration Requirements (18 Units)

Once you complete all lower division business core, you must pass the Mihaylo Ethics Quiz and declare your concentration online: https://business.fullerton.edu/Programs/Undergraduate/Advising/Declare

All concentration courses must be completed with a "C" (2.0) or better. A grade of "C-" (1.7) or lower is not a passing grade.

#### REQUIRED COURSES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ISDS 309* Introduction to Programming (3)</td>
<td>Restricted to declared concentration</td>
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<tr>
<td>ISDS 402* Database Management Systems (3)</td>
<td>BUAD 301</td>
</tr>
<tr>
<td>ISDS 406* System Analysis and Design (3)</td>
<td>BUAD 301 &amp; ISDS 402</td>
</tr>
<tr>
<td>ISDS 409* Business Telecommunications for Information System Design (3)</td>
<td>BUAD 301 &amp; ISDS 309. Pre or Co-requisite: ISDS 406</td>
</tr>
<tr>
<td>ISDS 454* Senior Project: Information System Design (3)</td>
<td>BUAD 301, ISDS 402 &amp; ISDS 409</td>
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</tbody>
</table>

#### Complete 3 units (one course) of elective coursework from the list below:

You are responsible for meeting all prerequisites and co-requisites as stated in the class schedule.

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>ISDS 371*</td>
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<td>ISDS 415*</td>
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<td>ISDS 345*</td>
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<td>ISDS 443*</td>
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<td>ISDS 485*</td>
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<td>ISDS 411*</td>
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<td>ISDS 418*</td>
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<td>ISDS 442*</td>
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<td>ISDS 474*</td>
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### Capstone Core Course (3 Units)

You may complete your capstone course concurrently with your concentration courses.

The capstone must be completed with a "C" (2.0) or better. A grade of "C-" (1.7) or lower is not a passing grade.

- **MGMT 449* Seminar in Strategic Management (3)**

*Pre-business, pre-international business, pre-economics or undeclared students are restricted from enrolling in these courses. Consult the California State University, Fullerton Catalog for a full statement of all requirements and regulations. This handout is just a brief summary printed for your convenience.

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**Roadmap:**

- MAJOR REQUIREMENTS FOR THE BACHELOR OF ARTS IN BUSINESS ADMINISTRATION with a CONCENTRATION IN INFORMATION SYSTEMS
- CATALOG YEAR 2019 – 2020
FOUR-YEAR ROADMAP FOR BA IN BUSINESS ADMINISTRATION
INFORMATION SYSTEMS CONCENTRATION
Catalog Year 2019 – 2020
120 units

It is important to keep course sequencing in mind. To ensure that you are fulfilling pre-requisites, **bolded** courses should be prioritized and completed in the order listed. Failure to complete **bolded** courses in the semester indicated will potentially limit the ability to graduate in four years.

### Year 1

**First Semester**
- GE Area A.2 ENGL 101 (3)
- GE Area B.4 Prerequisite to MATH 135/130/150A (4-5)
- GE Area C.1 Introduction to Arts (3)
- GE Area C.2 Introduction to Humanities (3)
- GE Area C.1 or C.2\(^1\) (3)

**Second Semester**
- GE Area A.1 Oral Communication (3)
- GE Area B.4 MATH 135 OR MATH 130 OR MATH 150A (3-4)
- GE Area A.3 Critical Thinking (3)
- GE Area B.1 Physical Science (3)
- GE Area D.3 American Government (3)

### Year 2

**Third Semester**
- ACCT 201A (3)
- GE Area D.1 ECON 201 OR ECON 202 (3)
- BUAD 201 (3)
- GE Area B.2 + B.3 Life Science (3) + Laboratory Experience (1)
- GE Area D.2 American History, Institutions & Values (3)

**Fourth Semester**
- ACCT 201B (3)
- GE Area D.1 ECON 201 OR ECON 202 (3)
- MGMT 246 (3)
- GE Area E Lifelong Learning and Self Development (3)
- Free Elective to reach 120 total units (3)

### Year 3 (Transfer Students Begin Here)

**Fifth Semester**
- BUAD 301 (3)
- ISDS 361A/GE area B.5 Implications and Explorations in Mathematics and Sciences (3)
- ISDS 309 (3)
- MGMT 340 (3)
- GE Area C.3 & Z OR Practicum\(^2\):

**Sixth Semester**
- ISDS 361B (3)
- ISDS 351 (3)
- ISDS 402 (3)
- MKTG 351 (3)
- MGMT 339 (3)

### Year 4

**Seventh Semester**
- ECON 315 OR 320 (3)
- FIN 320 (3)
- ISDS 406 (3)
- ISDS 409 (3)
- GE Area C.3 & Z OR Practicum\(^2\):

**Eighth Semester**
- MGMT 449\(^3\) (3)
- ISDS 454 (3)
- ISDS Elective (3)
- Free Elective to reach 120 total units (3)

**Notes:**
\(^1\) You are encouraged to take the additional units in GE area C.2
\(^2\) Consult with your advisor to select from GE area C.3 and Z (300-400 level) – Explorations in Arts or Humanities and Cultural Diversity, OR Approved Practicum Requirement
\(^3\) All lower and upper division business core courses must be completed with “C” or better prior to MGMT 449