## 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.

Once you have completed all of the lower division core, you must pass the Mihaylo Ethics Quiz and may declare your concentration online: [https://business.fullerton.edu/Programs/Undergraduate/Advising/Declare](https://business.fullerton.edu/Programs/Undergraduate/Advising/Declare)

- □ MATH 135 Business Calculus (3)
- □ OR MATH 130 Calculus for the Natural Sciences (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, 375, MGMT 350, MKTG 445, 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 "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 to enroll in concentration courses and electives: [https://business.fullerton.edu/Programs/Undergraduate/Advising/Declare](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

- □ ISDS 309* Introduction to Programming (3)
- □ ISDS 402* Database Management Systems (3)
- □ ISDS 406* System Analysis and Design (3)
- □ ISDS 409* Business Telecommunications for Information System Design (3)
- □ ISDS 454* Senior Project: Information System Design (3)

### PREREQUISITES

- Restricted to declared concentration
- BUAD 301
- BUAD 301 & ISDS 402
- BUAD 301 & ISDS 309, Pre or Co-requisite: ISDS
- BUAD 301, ISDS 402 & ISDS 409

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.

### COURSES

- □ ISDS 371*
- □ ISDS 415*
- □ ISDS 435*
- □ ISDS/MKTG 443*
- □ ISDS 411*
- □ ISDS 418*
- □ ISDS 442*
- □ ISDS 474*

## 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)

### PREREQUISITES:

All upper and lower division business core course completed with a grade of "C" or better

*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*
FOUR-YEAR ROADMAP FOR BA IN BUSINESS ADMINISTRATION
INFORMATION SYSTEMS CONCENTRATION
Catalog Year 2020 – 2021
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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ GE Area A.2 ENGL 101 (3)</td>
<td>☐ GE Area A.1 Oral Communication (3)</td>
</tr>
<tr>
<td>☐ GE Area B.4 Prerequisite to MATH 135/130/150A (4-5)</td>
<td>☐ GE Area B.4 MATH 135 OR MATH 130 OR MATH 150A (3-4)</td>
</tr>
<tr>
<td>☐ GE Area C.1 Introduction to Arts (3)</td>
<td>☐ GE Area A.3 Critical Thinking (3)</td>
</tr>
<tr>
<td>☐ GE Area C.2 Introduction to Humanities (3)</td>
<td>☐ GE Area B.1 Physical Science (3)</td>
</tr>
<tr>
<td>☐ GE Area C.1 or C.2(^1) (3)</td>
<td>☐ GE Area D.3 American Government (3)</td>
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### Year 2

<table>
<thead>
<tr>
<th>Third Semester</th>
<th>Fourth Semester</th>
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<tbody>
<tr>
<td>☐ ACCT 201A (3)</td>
<td>☐ ACCT 201B (3)</td>
</tr>
<tr>
<td>☐ GE Area D.1 ECON 201 OR ECON 202 (3)</td>
<td>☐ GE Area D.1 ECON 201 OR ECON 202 (3)</td>
</tr>
<tr>
<td>☐ BUAD 201 (3)</td>
<td>☐ MGMT 246 (3)</td>
</tr>
<tr>
<td>☐ GE Area B.2 + B.3 Life Science (3) + Laboratory Experience (1)</td>
<td>☐ GE Area E Lifelong Learning and Self Development (3)</td>
</tr>
<tr>
<td>☐ GE Area D.2 American History, Institutions &amp; Values (3)</td>
<td>☐ Free Elective to reach 120 total units (3)</td>
</tr>
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### Year 3 (Transfer Students Begin Here)

<table>
<thead>
<tr>
<th>Fifth Semester</th>
<th>Sixth Semester</th>
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</thead>
<tbody>
<tr>
<td>☐ BUAD 301 (3)</td>
<td>☐ ISDS 361B (3)</td>
</tr>
<tr>
<td>☐ ISDS 361A/GE Area B.5 Implications and Explorations in Mathematics and Sciences (3)</td>
<td>☐ ISDS 351 (3)</td>
</tr>
<tr>
<td>☐ ISDS 309 (3)</td>
<td>☐ ISDS 402 (3)</td>
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<tr>
<td>☐ MGMT 340 (3)</td>
<td>☐ MKTG 351 (3)</td>
</tr>
<tr>
<td>☐ GE Area C.3 &amp; Z Practicum(^2):</td>
<td>☐ MGMT 339 (3)</td>
</tr>
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</table>

### Year 4

<table>
<thead>
<tr>
<th>Seventh Semester</th>
<th>Eighth Semester</th>
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</thead>
<tbody>
<tr>
<td>☐ ECON 315 OR 320 (3)</td>
<td>☐ MGMT 449(^3) (3)</td>
</tr>
<tr>
<td>☐ FIN 320 (3)</td>
<td>☐ ISDS 454 (3)</td>
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<tr>
<td>☐ ISDS 406 (3)</td>
<td>☐ ISDS Elective (3)</td>
</tr>
<tr>
<td>☐ ISDS 409 (3)</td>
<td>☐ GE Area D.4/ Global Business Requirement: ECON 330, 332, 333, 334, 335, OR 336 (3)</td>
</tr>
<tr>
<td>☐ GE Area C.3 &amp; Z Practicum(^2):</td>
<td>☐ Free Elective to reach 120 total units (3)</td>
</tr>
</tbody>
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### 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