MAJOR REQUIREMENTS FOR THE BACHELOR OF ARTS IN BUSINESS ADMINISTRATION with a CONCENTRATION IN INFORMATION SYSTEMS

CATALOG YEAR 2019 – 2020

<table>
<thead>
<tr>
<th>Lower Division Core (21 units)</th>
<th>Upper Division Core (27 units)</th>
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</table>

**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

- **MATH 135 Business Calculus (3)**
- **MATH 130 A Short Course in Calculus (4)**
- **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; MKTG 350; MGMT 445; MGMT 475

**Approved Practicum Requirement (3 units)**

Complete one three-unit upper-division course in a practicum area, selected in consultation with your advisor. The Approved Practicum Requirement 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 to enroll in concentration courses and electives: 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**

- **ISDS 309** Introduction to Programming (3) Restricted to declared concentration
- **ISDS 402** Database Management Systems (3) BUAD 301
- **ISDS 406** System Analysis and Design (3) BUAD 301 & ISDS 402
- **ISDS 409** Business Telecommunications for Information System Design (3) BUAD 301 & ISDS 309. Pre or Co-requisite: ISDS 406
- **ISDS 454** Senior Project: Information System Design (3) 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 443**
- **ISDS 485**
- **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.

ROADMAP ➔
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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>☐ <strong>GE Area A.2</strong> ENGL 101 (3)</td>
<td>☐ <strong>GE Area A.1</strong> Oral Communication (3)</td>
</tr>
<tr>
<td>☐ <strong>GE Area B.4</strong> Prerequisite to MATH 135/130/150A (3-4)</td>
<td>☐ <strong>GE Area B.4</strong> MATH 135 OR MATH 130 OR MATH 150A (3-4)</td>
</tr>
<tr>
<td>☐ GE Area C.1 Introduction to Arts (3)</td>
<td>☐ <strong>GE Area A.3</strong> 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.2¹ (3)</td>
<td>☐ GE Area D.3 American Government (3)</td>
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### Year 2

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<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>
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<tr>
<td>☐ GE Area D.2 American History, Institutions &amp; Values (3)</td>
<td>☐ Free Elective to reach 120 total units (3)</td>
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### Year 3 (Transfer Students Begin Here)

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<tr>
<th>Fifth Semester</th>
<th>Sixth Semester</th>
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<tbody>
<tr>
<td>☐ <strong>BUAD 301</strong> (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>
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<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>
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<tr>
<td>☐ <strong>Consult with Advisor</strong>²</td>
<td>☐ MGMT 339 (3)</td>
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### Year 4

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<tr>
<th>Seventh Semester</th>
<th>Eighth Semester</th>
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<tbody>
<tr>
<td>☐ ECON 315 OR 320 (3)</td>
<td>☐ MGMT 449³ (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>☐ <strong>Consult with Advisor</strong>²</td>
<td>☐ Free Elective to reach 120 total units (3)</td>
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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