



CALIFORNIA STATE UNIVERSITY  
**FULLERTON**

Mihaylo College of Business and Economics

**MAJOR REQUIREMENTS FOR THE BACHELOR OF ARTS IN  
BUSINESS ADMINISTRATION with a  
CONCENTRATION IN BUSINESS ANALYTICS  
2016—2017**

**Lower Division Core (21 units)**

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

|                          |   |
|--------------------------|---|
| Acct 201A                | Financial Accounting (3)  |
| Acct 201B                | Managerial Accounting (3)   |
| Buad 201                 | Business Writing (3)  |
| Econ 201                 | Principles of Microeconomics (3)                                      |
| Econ 202                 | Principles of Macroeconomics (3)                                      |
| Mgmt 246                 | Business and Its Legal Environment (3)                                |
| Math 135,130,<br>OR 150A | Business Calculus (3), A Short Course in Calculus (4), Calculus I (4) |

**Upper Division Core (27 units)**

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

|                 |  |
|-----------------|--|
| Buad 301        | Advanced Business Communication (3)  |
| Econ 315 or 320 | Intermediate Business Microeconomics or Intermediate Macroeconomics Analysis (3) |
| Fin 320         | Financial Management I (3)   |
| ISDS 351        | Principles of Information Systems (3)  |
| ISDS 361A       | Business Analytics I (3)   |
| ISDS 361B       | Business Analytics II (3)  |
| Mgmt 339        | Managing Operations (3)  |
| Mgmt 340        | Organizational Behavior (3)  |
| Mktg 351        | Principles of Marketing (3)  |

**Capstone Core Course (3 units)**

**All core courses must be completed with “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) |
|----------|-------------------------------------|

**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. The approved list is available in the Business Advising Center.

**Business Analytics Concentration Requirements (21 units)**

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

**Required Courses (15 units)**

|               |   |
|---------------|---|
| ISDS 402      | Database Management Systems (3)                                 |
| ISDS 415      | Principles of Business Intelligence (3)                         |
| ISDS/Mktg 443 | Marketing Analytics: Decision Making in the Information Age (3) |
| ISDS 473      | Applied Business Forecasting (3)                                |
| ISDS 474      | Data Mining for Managers (3)                                    |

**Select two of the following elective courses (6 units)**

|   |  |
|---|--|
| ISDS 309 Introduction to Programming (3)      | ISDS 435 Integrated Enterprise Information Systems (3)         |
| ISDS 406 System Analysis & Design (3)         | ISDS 440 Integrative Decision Tools for Bus Oper (3) <b>or</b> |
| ISDS 409 Bus Telecomm for Info Sys Design (3) | ISDS 442 Business Modeling Using Spreadsheets (3)              |
| ISDS 411 Bus App Using Web Technologies (3)   | ISDS 454 Senior Project: Info Systems Development (3)          |
| ISDS 418 Privacy and Security (3)             | ISDS 462 Applied Business Regression Analysis (3)              |

## PREREQUISITE INFORMATION SHEET 2016-2017

Most business and economics courses have prerequisites and/or corequisites. Before you register, make sure you meet all course requirements. You may be administratively dropped if you do not.

Most upper division courses in the Mihaylo College of Business and Economics are restricted and not open to pre-business, pre-international, pre-economics or undeclared students. If you are still “pre-”, then it is important that you focus on the lower division core requirements. **Once you have completed all of the lower division core courses with grades of “C” (2.0) or better, then you may declare your concentration through the Business Advising Center at either the Fullerton or Irvine Campus.**

### BUSINESS ADMINISTRATION CORE COURSES

| <u>COURSES</u>          | <u>PREREQUISITES</u>  |
|-------------------------|---|
| Acct 201A               | None, but not recommended for first-time freshmen   |
| Acct 201B               | Acct 201A   |
| Buad 201                | English 101 (or equivalent) with grade of “C” (2.0) or better   |
| Econ 201                | None, but not recommended for first-time freshmen   |
| Econ 202                | Econ 201  |
| Mgmt 246                | None, but not recommended for first-time freshmen   |
| Math 135/130<br>OR 150A | Math 115 or Math 125 or a passing score on the Math Qualifying Exam (MQE) or Math department approved exemption |
| <br>                    |   |
| Buad 301                | English 101 and Buad 201 with a grade of “C” (2.0) or better  |
| Econ 315/320            | Econ 202 and Math 135/130. Corequisites: Buad 301 & ISDS 361A   |
| Fin 320                 | Acct 201A. Corequisites: Buad 301 & ISDS 361A   |
| ISDS 351                | Corequisite: Buad 301   |
| ISDS 361A               | Math 135/130. Corequisite: Buad 301   |
| ISDS 361B               | ISDS 361A   |
| Mgmt 339                | Corequisites: Buad 301 & ISDS 361A  |
| Mgmt 340                | General Education in social science. Corequisites: Buad 301 & ISDS 361A   |
| Mktg 351                | Econ 202. Corequisites: Buad 301 & ISDS 361A  |
| <br>                    |   |
| Mgmt 449*               | Buad 301 and all MCBE core courses  |

### BUSINESS ANALYTICS COURSES

| <u>COURSES</u> | <u>PREREQUISITES</u>                        | <u>COURSES</u> | <u>PREREQUISITES</u>       |
|----------------|---|----------------|----------------------------|
| ISDS 309*      | Restricted to declared concentrations       | ISDS 440*      | Buad 301 & ISDS 361B       |
| ISDS 402*      | Buad 301                                    | ISDS 442*      | ISDS 361B                  |
| ISDS 406*      | Buad 301 & 402                              | ISDS/MKTG 443* | ISDS 361A & Mktg 351       |
| ISDS 409*      | Buad 301 & ISDS 309. Corequisite: ISDS 406  | ISDS 454*      | Buad 301, ISDS 402 & 409   |
| ISDS 411*      | ISDS 309. Corequisite: ISDS 402             | ISDS 462*      | ISDS 361A                  |
| ISDS 415*      | ISDS 402 with grade of “C” or better        | ISDS 473*      | Buad 301, ISDS 361A & 361B |
| ISDS 418*      | ISDS 402 or 309 with grade of “C” or better | ISDS 474*      | Buad 301, ISDS 361A & 361B |
| ISDS 435*      | Mgmt 339                                    |                |                            |

**\*Restricted course not open to pre-business, pre-international business, pre-economics or undeclared students.** Please consult the California State University, Fullerton Catalog for a full statement of all requirements and regulations, course descriptions, prerequisites, corequisites and general education requirements. This handout is just a brief summary printed for your convenience.