



CALIFORNIA STATE UNIVERSITY
FULLERTON

Mihaylo College of Business and Economics

**MAJOR REQUIREMENTS FOR THE BACHELOR OF ARTS IN
BUSINESS ADMINISTRATION with a
CONCENTRATION IN DECISION SCIENCES
2017-2018**

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, Business OR 150A	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)
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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.

Decision Sciences Concentration Requirements (18 units)

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

Required Courses (9 units)

ISDS 309	Introduction to Programming (3)
ISDS 402	Database Management Systems (3)
ISDS 442	Business Modeling Using Spreadsheets (3)
<u>One Course in Statistical Concepts (3 units):</u>	
ISDS 462	Applied Business Regression Analysis (3)
ISDS 473	Applied Business Forecasting (3)
ISDS 474	Data Mining for Managers (3)

And 6 Units chosen from the following:

ISDS 406	Systems Analysis and Design (3)
ISDS 411	Business Applications Using Web Tech (3)
ISDS 415	Principles of Business Intelligence (3)
ISDS 443	Marketing Analytics: Decision Making in the Info Age (3)
Econ 440	Introduction to Econometrics (3)
Fin 360	Principles of Insurance (3)
Fin 444	Options and Futures (3)
Mgmt 422	Operations Planning and Control (3)
Mgmt 430	Integrated Supply Chain Management (3)
Mgmt 444	Project Management (3)
Math 390	Introduction to Actuarial Science (3)
An additional course in Statistical Concepts (3)	

PREREQUISITE INFORMATION SHEET 2017-2018

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 with a grade of “C” or better
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	None, but not recommended for first-time freshmen
Mgmt 246	Completion of G.E. Area A.2 with a grade of “C-” or better
Math 135/130 OR 150A	Math 115 or Math 125 or a passing score on the Math Qualifying Exam (MQE) or Math department approved exemption
Buad 301	English 101 & Buad 201 with a grade of “C” (2.0) or better or completion of Associates Degree for Transfer (ADT) from a CA Community College
Econ 315 OR 320	Econ 201, Econ 202 and Math 135/130/150A. Corequisites: Buad 301 & ISDS 361A
Fin 320	Acct 201A. Corequisites: Buad 301 & ISDS 361A
ISDS 351	Corequisite: Buad 301
ISDS 361A	Math 135/130/150A. Corequisite: Buad 301
ISDS 361B	ISDS 361A
Mgmt 339	Corequisites: Buad 301 & ISDS 361A
Mgmt 340	G.E. category in Social Sciences. Corequisites: Buad 301 & ISDS 361A
Mktg 351	Buad 301
Mgmt 449*	Buad 301 and all MCBE core courses

DECISION SCIENCES COURSES

<u>COURSES</u>	<u>PREREQUISITES</u>	<u>COURSES</u>	<u>PREREQUISITES</u>
Econ 440*	Econ 340, BUAD 301 & ISDS 361A	ISDS 443*	ISDS 361A & Mktg 351
Fin 360*	Fin 320	ISDS 462*	ISDS 361A
Fin 444*	Fin 340	ISDS 473*	Buad 301, ISDS 361A & ISDS 361B
ISDS 309*	Restricted to declared concentrations	ISDS 474*	Buad 301, ISDS 361A & ISDS 361B
ISDS 402*	Buad 301	Mgmt 422*	Mgmt 339
ISDS 406*	Buad 301 & ISDS 402	Mgmt 430*	Mgmt 339 & Mktg 351
ISDS 411*	ISDS 309. Corequisite: ISDS 402	Mgmt 444*	Mgmt 339
ISDS 415*	ISDS 402 with a grade of “C” or better	Math 390	Math 150B. Corequisite: ISDS 361A
ISDS 442*	ISDS 361B		

**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.*

**FOUR-YEAR ROADMAP AND CHECKLIST FOR BA IN BUSINESS ADMINISTRATION
DECISION SCIENCES CONCENTRATION
120 units**

The BA in Business Administration can be completed in four years, but to do so requires careful planning and preparation. You must average 15 units (five courses) per semester and you must plan ahead so that you will meet all prerequisites. You can opt to complete courses in the summer or winter session. If you are planning to work, you should adjust your unit load accordingly.

New upper-division transfer students can complete the upper-division requirements in two years provided you have completed at least 60 transferable units, are fully GE certified, and have completed all of the lower-division business core. Start following the roadmap in the fifth semester.

Year 1

First Semester

- __GE Area A.2 ENGL 101 (3)
- __Pre-requisite to MATH 130/135/150A (3-4)
- __GE Area C.1 Introduction to Arts (3)
- __GE Area C.2 Introduction to Humanities (3)
- __GE Area C.4 Origins of World Civilization (3)

Second Semester

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

Year 2

Third Semester

- __ACCT 201A (3)
- __GE Area D.1 ECON 201 (3)
- __BUAD 201 (3)
- __GE Area D.2 World Civilizations and Cultures (3)
- __GE Area D.3 American History, Institutions and Values (3)

Fourth Semester

- __ACCT 201B (3)
- __ECON 202 (3)
- __MGMT 246 (3)
- __GE Area B.2 + B.3* Life Science (3) + Laboratory Experience (1)
- __GE Area C.3 and Z (300-400 level)** Explorations in Arts or Humanities and Cultural Diversity (3)

Year 3

Fifth Semester

- __BUAD 301 (3)
- __ISDS 361A (3)
- __FIN 320 (3)
- __MKTG 351 (3)
- __GE Area E BUAD 300 (3)

Sixth Semester

- __ISDS 361B (3)
- __MGMT 339 (3)
- __ISDS 309 (3)
- __ISDS 402 (3)
- __GE Area B.5, Internship or Free Elective*** (3)

Year 4

Seventh Semester

- __ECON 315 **OR** 320 (3)
- __MGMT 340 (3)
- __ISDS 351 (3)
- __ISDS 440 or 442 (3)
- __Course in statistical concepts (3)

Eighth Semester

- __MGMT 449 (3)
- __GE Area D.5/Global Business Requirement****(3)
- __Decision Sciences Elective (3)
- __Decision Science Elective (3)
- __Free Elective (3)

Student Action Plan

Year 1

- If required, complete all remediation (Math 30A-B, 40, 45, ENGL 99 or 100) by the end of your second semester to avoid Administrative Disqualification.
- Complete MATH 115 or MATH 125 pre-requisite before MATH 130/135/150A, if necessary.
- MATH 130/135/150A must be completed with a C or better.
- Complete General Education (GE) courses in areas A.1, A.2, and A.3 with C- or better.
- Courses taught by your major department will not count for GE unless specified.
- Visit UH 123B Academic Advising Center to review GE and graduation requirements.

Year 2

- *B.3 Laboratory Experience can be completed with either GE Area B.1 or B.2.
- **GE Area Z can be double counted with GE Area C.3. Please consult with an Academic Advisor.
- All business core courses must be completed with a C or better.
- Meet with an advisor in the Business Advising Center SGMH 1201 **during the semester you are completing your last lower division core requirements.**
- Declaration of a concentration is required before enrollment in concentration courses.
- For questions regarding concentration and career options visit Mihaylo Career Services and/or a faculty mentor.

Year 3

- **FILE GRAD CHECK** through your Student Center once you have earned 85 units and are one year from graduation.
- Meet with your assigned faculty mentor each semester.
- All Decision Science courses must be completed with a C or better.
- ***If needed, complete a course in B.5 to meet all unit requirements for Area B. You may also consider an internship or free elective to reach 120 units.

Year 4

- Attend a Live Grad Check Workshop to have your Graduation Check approved.
- ****ECON 330, 332-336 will satisfy GE Area D.5, an upper-division GE requirement and the Global Business Requirement.
- All business core courses must be completed before taking MGMT 449.
- A minimum of 120 total units must be completed to graduate.

Notes:
