

Lower Division Core (21-22 units)	Upper Division Core (27 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 lower division core, you may declare your concentration online .	You may complete your upper division core concurrently with concentration requirements once your concentration is declared.
<input type="checkbox"/> MATH 135 Business Calculus (3) OR MATH 130 Calculus for the Natural Sciences (4) OR MATH 150A Calculus I (4) <input type="checkbox"/> BUAD 201 Business Writing (3) <input type="checkbox"/> ACCT 201A Financial Accounting (3) <input type="checkbox"/> ECON 201 Principles of Microeconomics (3) <input type="checkbox"/> ACCT 201B Managerial Accounting (3) <input type="checkbox"/> ECON 202 Principles of Macroeconomics (3) <input type="checkbox"/> MGMT 246 Business and Its Legal Environment (3)	<input type="checkbox"/> BUAD 301 Advanced Business Communication (3) <input type="checkbox"/> ISDS 361A Business Analytics I (3) note: a grade of "B" (3.0) is required to declare the Business Analytics concentration <input type="checkbox"/> MKTG 351 Principles of Marketing (3) <input type="checkbox"/> FIN 320 Financial Management I (3) <input type="checkbox"/> ISDS 351 Principles of Information Systems (3) <input type="checkbox"/> ISDS 361B Business Analytics II (3) <input type="checkbox"/> MGMT 339 Managing Operations (3) <input type="checkbox"/> MGMT 340 Organizational Behavior (3) <input type="checkbox"/> ECON 315 Intermediate Business Microeconomics (3) OR ECON 320 Intermediate Macroeconomic 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. <i>Underlined courses in economics may double count to fulfill GE Area D.3 requirement.</i>
<input type="checkbox"/> APPROVED COURSES: <u>ECON 330, 332, 333, 334, 335, 336</u> , FIN 370, 371, 375, MGMT 350, MKTG 445, 475

Approved Practicum Requirement (3 units)
The practicum may not double count with concentration courses or concentration electives and must be completed with "C" (2.0) or better. A grade of "C-" (1.7) or lower is not a passing grade. There are three Practicum pathway options to choose from. Select one to fulfill the Practicum requirement:
1) Experiential Learning course - view the Practicum Pathways website for an approved list. 2) Academic Internship - view the ISDS 495 information card . 3) BUAD 300 Professional and Career Development - Note: BUAD 300 is only open to students with projected Sophomore or Junior standing. Transfer students choosing this option should take BUAD 300 in their first semester.
For full details, view the Practicum Pathways website .

Business Analytics Concentration Requirements (18 Units)					
Once you complete all lower division business core, you must declare your concentration to enroll in concentration courses and electives. You must pass ISDS 361A with a "B" (3.0) to declare the Business Analytics concentration 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	PREREQUISITES				
<input type="checkbox"/> ISDS 402* Database Management Systems (3)	BUAD 301				
<input type="checkbox"/> ISDS 415* Principles of Business Intelligence (3)	ISDS 402 with a grade of "C" or better				
<input type="checkbox"/> ISDS 477* Applied Business Forecasting (3)	BUAD 301, ISDS 474 or ISDS 462				
<input type="checkbox"/> ISDS 474* Data Mining for Managers (3)	BUAD 301, ISDS 361A & 361B all with a "C" or better				
Complete 6 units (two courses) of elective coursework from the list below: You are responsible for meeting all prerequisites and co-requisites as stated in the class schedule.					
<input type="checkbox"/> ISDS 309*	<input type="checkbox"/> ISDS 406*	<input type="checkbox"/> ISDS 411*	<input type="checkbox"/> ISDS 421*	<input type="checkbox"/> ISDS 442*	<input type="checkbox"/> ISDS 454*
<input type="checkbox"/> ISDS 373*	<input type="checkbox"/> ISDS 409*	<input type="checkbox"/> ISDS 418*	<input type="checkbox"/> ISDS 435*	<input type="checkbox"/> ISDS 443*	<input type="checkbox"/> ISDS 462*

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.	
<input type="checkbox"/> MGMT 449* Seminar in Strategic Management (3)	PREREQUISITES: BUAD 301; All upper and lower division business core courses 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
BUSINESS ANALYTICS CONCENTRATION
Catalog Year 2022 – 2023
120 units**

It is important to keep course sequencing in mind; however, you may adjust the sequencing to fit your schedule as long as pre-and co-requisites are taken into consideration. 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	
<u>First Semester</u> <input type="checkbox"/> GE Area A.2 ENGL 101 (3) <input type="checkbox"/> GE Area B.4 Prerequisite to MATH 135/130/150A (4-5) <input type="checkbox"/> GE Area C.1 Introduction to Arts (3) <input type="checkbox"/> GE Area C.2 Introduction to Humanities (3) <input type="checkbox"/> GE Area F Ethnic Studies (3)	<u>Second Semester</u> <input type="checkbox"/> GE Area A.1 Oral Communication (3) <input type="checkbox"/> GE Area B.4 MATH 135 or MATH 130 or MATH 150A (3-4) <input type="checkbox"/> GE Area A.3 Critical Thinking (3) <input type="checkbox"/> GE Area B.1 Physical Science (3) <input type="checkbox"/> University Requirement - American Government (3)

Year 2	
<u>Third Semester</u> <input type="checkbox"/> ACCT 201A (3) <input type="checkbox"/> GE Area D.1 ECON 201 or ECON 202 (3) <input type="checkbox"/> BUAD 201 (3) <input type="checkbox"/> GE Area B.2 + B.3 Life Science (3) + Laboratory Experience (1) <input type="checkbox"/> GE Area D.2 American History, Institutions & Values (3)	<u>Fourth Semester</u> <input type="checkbox"/> ACCT 201B (3) <input type="checkbox"/> GE Area D.1 ECON 201 or ECON 202 (3) <input type="checkbox"/> MGMT 246 (3) <input type="checkbox"/> GE Area E Lifelong Learning and Self Development (3) <input type="checkbox"/> Free Elective to reach 120 total units (3)

Year 3 (<i>Transfer Students Begin Here</i>)	
<u>Fifth Semester*</u> <input type="checkbox"/> BUAD 301 (3) <input type="checkbox"/> ISDS 361A ^{1 (Read Note)} / GE area B.5 Implications and Explorations in Mathematics and Sciences (3) <input type="checkbox"/> MKTG 351 (3) <input type="checkbox"/> FIN 320 (3) <input type="checkbox"/> GE Area C.3/Z Explorations of Arts and Humanities/Cultural Diversity (3)	<u>Sixth Semester</u> <input type="checkbox"/> ISDS 361B (3) <input type="checkbox"/> ISDS 351 (3) <input type="checkbox"/> MGMT 340 (3) <input type="checkbox"/> ISDS 402 (3) <input type="checkbox"/> MGMT 339 (3)

Year 4	
<u>Seventh Semester</u> <input type="checkbox"/> ECON 315 or 320 (3) <input type="checkbox"/> ISDS 415 (3) <input type="checkbox"/> ISDS 474 (3) <input type="checkbox"/> Business Analytics Elective (3) <input type="checkbox"/> Practicum (3) ^{2 (Read Note)}	<u>Eighth Semester</u> <input type="checkbox"/> MGMT 449 (3) ^{3 (Read Note)} <input type="checkbox"/> ISDS 477 (3) <input type="checkbox"/> Business Analytics Elective (3) <input type="checkbox"/> Global Business Requirement (3) ^{4 (Read Note)} <input type="checkbox"/> GE Area D.3 Exploration in Social Sciences (3) ^{4 (Read Note)}

STUDENTS NEED A MINIMUM OF 120 UNITS TO GRADUATE (see your TDA for earned units total) ³

NOTES:

¹ You must pass ISDS 361A with a "B" (3.0) to declare the Business Analytics concentration.

² [View the Practicum Pathways website](#) for details on each of the Practicum options.

³ All lower and upper division business core courses must be completed with "C" or better prior to enrolling in MGMT 449.

⁴ If you choose ECON 330, 332, 333, 334, 335 or 336 to fulfill the Global Business requirement, it will double-count for GE Area D.3. You may then need to take a free elective to reach 120 total units.