

Degree: BS Economics + MS Business Analytics				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester (FALL)				
1C		Oral Communication		3
1A		Written Communication		3
3A or 3B		Arts & Humanities		3
Area 4/LD Major Core	ECON 200	Principles of Microeconomics		3
Area 2/LD Major Core	MATH 115E	College Algebra with Extra Support		3
			Total:	15
Second Semester (SPRING)				
1B/Second Comp		Critical Thinking		3
Area 6		Ethnic Studies		3
Area 4/LD Major Core	ECON 205	Principles of Macroeconomics		3
LD Major Core	MATH 120	Precalculus	MATH 115E with a grade of C- or better	3
Code 1				3
			Total:	15
Third Semester (FALL)				
5A		Physical Sciences		3

LD Major Core	STAT 100 or STAT 110	Elements of Statistics & Probability		3
LD Major Core	MATH 130	Calculus I	MATH 120 or 125 with a grade of C- or better	4
LD Major Core	ECON 210	Quantitative Methods for Economists		3
Code 2		Social Sciences and U.S. Code (1,3)		3
			Total:	16
Fourth Semester (SPRING)				
5B/5C		Biological Sciences with lab		4
3A or 3B		Arts & Humanities		3
LD Major Core	ECON 211	Programming for Data Analysts		3
UD Major Core	ECON 305	Macroeconomic theory	ECON 200, 205, 210	3
			Total:	13

Fifth Semester (FALL)				
UD Areas 5		Upper-division Science or Mathematical Concepts/Quantitative Reasoning	Completion of Areas 1 & 2.	3
UWR		University Writing Req		3
Overlay -Social Justice (SJ)				3
UD Major Core	ECON 310	Introduction to Econometrics	ECON 200, 205, 210	3

UD Major Core	ECON 303	Game Theory	ECON 200 and 210	3
			Total:	15
Sixth Semester (SPRING)				
UD Area 3		UD Arts OR Humanities	Completion of Areas 1 &2.	3
Overlay - Sustainability (S)				3
UD Major Core	ECON 306	Money, Banking and Financial Intermediaries		3
LD Major Core	ECON 380	Managerial Economics		3
UD Major Elective (substitution)/ MSBA Prereq	BAN 601	Technology Fundamentals for Analytics		3
			Total:	15
Seventh Semester (FALL)				
UD Area 4		UD Social and Behavioral Sciences	Completion of Areas 1 &2.	3
Overlay -Diversity (Div)				3
UD Major Elective	ECON			3
UD Major Elective (substitution)/ MSBA Prereq	BAN 602	Quantitative Fundamentals for Analytics		3
Free Elective/ Blended MSBA Core	BAN 610	Database Management and Applications		3
			Total:	15

Eighth Semester (SPRING)				
UD Major Core	ECON 499	Empirical Analysis	ECON 211 (or CS 100 or 101); ECON 380, 305, 310	3
UD Major Elective	ECON			3
UD Major Elective/ Blended MSBA Core	BAN 622	Data Engineering and Business Intelligence	BAN 610	3
Free Elective/ Blended MSBA Core	BAN 630	Optimization Methods for Analytics		3
UD Major Elective/ Blended MSBA Core	BAN 612	Data Analytics	BAN 601 BAN 602	3
Free Elective				1
			Total:	16
Ninth Semester (FALL)				
MSBA Major	BAN 620	Data Mining		3
MSBA Major	BAN 632	Applications		3
MSBA Elective	BAN			3
MSBA Elective	BAN			3
			Total:	12
Ten Semester (SPRING)				
MSBA Elective	BAN			3
MSBA Capstone	BAN 693	Project		3

			Total:	6
Total Units:				138

Note: All required courses must be taken at CSU East Bay and must be completed with grade "C" or
Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type
Change period. There are no exceptions to this rule. Courses in a student's major department,
regardless of course prefix, may not be taken "CR/NC," unless that is the only grading pattern in the

CSUEB General Breadth and Graduation Requirement Checklist**Area 1 (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)**

- 1A. Lower-Division English Composition
- 1B. Lower-Division Critical Thinking
- 1C. Lower-Division Oral Communication

Area 2 (3 units) : Mathematical Concepts and Quantitative Reasoning

- Area 2. Lower-Division Mathematical Concepts and Quantitative Reasoning (Must earn passing grade of C-/CR or better.)

Area 3 (6 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS)

- 3A. Lower-Division Arts
- 3B. Lower-Division Humanities

Area 4 (6 units) : Social Sciences and Behavioral - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)

- Area 4. Lower-Division Social and Behavioral Sciences

- Area 4. Lower-Division Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

- 5A. Lower-Division Physical Sciences
- 5B. Lower-Division Biological Sciences
- 5C. Laboratory Activity (may be part of 5A or 5B course, as long as 7 units met for lower-division Subject Area 5).

Area 6 (3 units): Ethnic StudiesUndergraduate
Requirements

Graduate Courses taken

Graduate Courses taken

Area 6. Lower-Division Ethnic Studies

Second Composition : Requires completion of GE 1A with a C-/CR or better. Must be completed before attaining junior standing.

Second Composition (Required as part of 1B for 2025-26 or later catalog)

U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government).

Code 1.

Code 2.

Upper Division GE Requirements (9 units): Should be taken after completion of Areas 1 & 2 with a C- (CR)

GE-UD-3: Upper-division Arts or Humanities (3 units)

GE-UD-4: Upper-division Social and Behavioral Sciences (3 units)

GE-UD-5 Upper-division Science or Mathematical Concepts/Quantitative Reasoning (3 units)

Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major

Diversity (Div)

Social Justice (SJ)

Sustainability (S)