Degree: Statistics, B.S. 25-26				
Requirement Area	**Course**	**Course Title**	**Prerequisites**	**Units**
First Semester (FALL)				
Recommended	SCI 130	Connecting to STEM Majors		2
1C		Oral Communications		3
Area 2 / LD Major	MATH 130	Calculus I	One from the following: Satisfactory score of 78 or higher on Mathematics Placement Exam, MATH 120 or MATH 125 (either course with grade C- or better).	4
3A or 3B		Arts or Humanities		3
Area 4/Code 1		Social Sciences/U.S. Code (US 1,2)		3
			Total:	15
Second Semester (SPRING)				
1A		Written Communication		3
3A or 3B				3
Area 4		Social Sciences		3
LD Major	CS 100	Programming for Everyone		3
Free Elective				3
			Total:	15
Third Semester (FALL)				
1B/Second Comp		Critical Thinking		3
Free Elective				3
5B/5C		Life Science/Laboratory Science		3
Free Elective				3
Area of emphasis course				3
			Total:	15
Fourth Semester (SPRING)				
Area 6		Ethnic Studies		3
5A/5C		Physical Science/Laboratory Science		3
Major (intro core choose :	MATH 131 or STAT 303			3
Code 2		U.S. Code (US 1,3)		3
UD Major Elective	STAT	Statistics Elective		3
			Total:	15
Fifth Semester (FALL)				
UD-Area 5/Overlay		UD Quantitative Reasoning	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3
UWR				3
UD Major	STAT 330	Statistical Inference	Satisfactory score of 63 or higher on Mathematics Placement Exam or one of: MATH 115, MATH 120, MATH 130, MATH 180.	3
UD Major	STAT 320 or STAT 321	Introduction to Probability Theory I or Probability Through Simulation	MATH 130 (STAT 320) or CS 100 (STAT 321)	3
Area of emphasis course				3
			Total:	15
Sixth Semester (SPRING)				
UD-Area 4/Overlay		UD Social Science	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3
UD Major	STAT 331	Introduction to Analysis of Variance	STAT 316 or STAT 330	3
UD Major Elective	STAT	Statistics Elective		3
UD Major	STAT 432	Introduction to Linear Regression and Logistic Regression	STAT 330 or STAT 310	3
Area of emphasis course				3
			Total:	15
Seventh Semester (FALL)				
UD-Area 3/Overlay		UD Arts and Humanities	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3
UD Major	STAT 495	Data Analysis with SAS	STAT 330	3
UD Major Elective	STAT	Statistics Elective		3
Area of emphasis course				3
Area of emphasis course				3
			Total:	15
Eighth Semester (SPRING)				
UD Major Elective	STAT	Statistics Elective		3
UD Free Elective				3
UD Free Elective				3
UD Free Elective				3
UD Free Elective				3
			Total:	15
Total Units:				120

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 course.

CSUEB General Breadth and Graduation Requirement Checklist
Area 1 (9 units): English Communication
☐ 1A - Lower Division English Composition
☐ 1B - Lower Division Critical Thinking and Composition
☐ 1C - Lower Division Oral Communication
Area 2 (3 units) : Mathematical Concepts and Quantitative Reasoning
☐ Area 2 - Mathematical Concepts and Quantitative Reasoning
Area 3 (6 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS)
☐ 3A - Arts and Humanities (Arts)
☐ 3B - Arts and Humanities (Humanities)
Area 4 (6 units) : Social and Behavioral Sciences - 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 (7 units): Physical and Biological Sciences
☐ 5A - Lower Division Physical and Biological Sciences (Physical)
☐ 5B - Lower Division Physical and Biological Sciences (Biological)
☐ 5C - Lower Division Physical and Biological Sciences (Laboratory) -- May be embedded in 5A or 5B course, as long as 7 units met for lower-division Subject Area 5.
Area 6 (3 units): Ethnic Studies
☐ Area 6 - Ethnic Studies
Second Composition : Second Composition (Required as part of 1B for 2025-26 or later catalog)
☐ Second Composition
University Writing Requirement (3-4 units)
☐ UWR
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 1A, 1B, 1C, and Area 2 with a C- (CR)
☐UD- Area 3 - Upper Division Arts or Humanities
☐ UD- Area 4 - Upper Division Social and Behavioral Sciences
☐ UD- Area 5 - Upper Division Science or Mathematical Concepts/Quantitative Reasoning
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major
☐ Diversity (Div)
☐ Social Justice (SJ)
☐ Sustainability (S)

***Students are required to take a minimum of 40 semester units as upper division (includes 9 units upper division GE)**