

Degree: Statistics, B.S. 26-27				
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 3A or 3B	MATH 130	Calculus I Arts or Humanities	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 3
Area 4/Code 1		Social Sciences/U.S. Code (US 1,2)		3
			Total:	15
Second Semester (SPRING)				
1A 3A or 3B		Written Communication		3 3
Area 4 LD Major		Social Sciences Programming for Everyone		3 3
Free Elective	CS 100			3
			Total:	15
Third Semester (FALL)				
1B/Second Comp Free Elective		Critical Thinking		3 3
5B/5C Free Elective		Life Science/Laboratory Science		3 3
Area of emphasis course				3
			Total:	15
Fourth Semester (SPRING)				
Area 6 5A/5C		Ethnic Studies Physical Science/Laboratory Science		3 3
Code 2 UD Major Elective	MATH 131 or STAT 303 STAT	U.S. Code (US 1,3) Statistics Elective		3 3
			Total:	15
Fifth Semester (FALL)				
UD-Area 5/Overlay UWR		UD Quantitative Reasoning	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better	3 3
UD Major UD Major	STAT 330 STAT 320 or STAT 321	Statistical Inference Introduction to Probability Theory I or Probability Through Simulation	Satisfactory score of 63 or higher on Mathematics Placement Exam or one of: MATH 115, MATH 120, MATH 130, MATH 180. MATH 130 (STAT 320) or CS 100 (STAT 321)	3 3
Area of emphasis course				3
			Total:	15
Sixth Semester (SPRING)				
UD-Area 4/Overlay UD Major UD Major Elective UD Major		UD Social Science Introduction to Analysis of Variance Statistics Elective Introduction to Linear Regression and Logistic Regression	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better STAT 316 or STAT 330	3 3 3 3
Area of emphasis course	STAT 331 STAT STAT 432			3 3
			Total:	15
Seventh Semester (FALL)				
UD-Area 3/Overlay UD Major UD Major Elective		UD Arts and Humanities Data Analysis with SAS Statistics Elective	Completion of GE Areas 1A, 1B, 1C and GE-2 with grade C- (CR) or better STAT 330	3 3 3
Area of emphasis course Area of emphasis course	STAT 495 STAT			3 3
			Total:	15
Eighth Semester (SPRING)				
UD Major Elective UD Free Elective UD Free Elective UD Free Elective UD Free Elective	STAT	Statistics Elective		3 3 3 3 3
			Total:	15
Total Units:				120

CSUEB General Breadth and Graduation Requirement Checklist	
Area 1 (9 units): English Communication	
<input type="checkbox"/>	1A - Lower Division English Composition
<input type="checkbox"/>	1B - Lower Division Critical Thinking and Composition
<input type="checkbox"/>	1C - Lower Division Oral Communication
Area 2 (3 units) : Mathematical Concepts and Quantitative Reasoning	
<input type="checkbox"/>	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)	
<input type="checkbox"/>	3A - Arts and Humanities (Arts)
<input type="checkbox"/>	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)	
<input type="checkbox"/>	Area 4 - Lower Division Social and Behavioral Sciences
<input type="checkbox"/>	Area 4 - Lower Division Social and Behavioral Sciences
Area 5 (7 units): Physical and Biological Sciences	
<input type="checkbox"/>	5A - Lower Division Physical and Biological Sciences (Physical)
<input type="checkbox"/>	5B - Lower Division Physical and Biological Sciences (Biological)
<input type="checkbox"/>	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	
<input type="checkbox"/>	Area 6 - Ethnic Studies
Second Composition : Second Composition (Required as part of 1B for 2025-26 or later catalog)	
<input type="checkbox"/>	Second Composition
University Writing Requirement (3-4 units)	
<input type="checkbox"/>	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).	
<input type="checkbox"/>	Code 1
<input type="checkbox"/>	Code 2
Upper Division GE Requirements (9 units): Should be taken after completion of 1A, 1B, 1C, and Area 2 with a C- (CR)	
<input type="checkbox"/>	UD- Area 3 - Upper Division Arts or Humanities
<input type="checkbox"/>	UD- Area 4 - Upper Division Social and Behavioral Sciences
<input type="checkbox"/>	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	
<input type="checkbox"/>	Diversity (Div)
<input type="checkbox"/>	Social Justice (SJ)
<input type="checkbox"/>	Sustainability (S)

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

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.