

Degree: Statistics, B.S. 24-25				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester (FALL)				
E	SCI 130	Connecting to STEM Majors		2
A1 or A3		Oral Communications or Critical Thinking		3
B4 / 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
C1 or C2		Arts or Humanities		3
D1/Code 1		Social Sciences/U.S. Code (US 1,2)		3
			Total:	14
Second Semester (SPRING)				
A2		Written Communication		3
C1 or C2		Social Sciences		3
D2		Programming for Everyone		3
LD Major	CS 100			3
Elective				3
			Total:	15
Third Semester (FALL)				
E				1
A1 or A3		Oral Communications or Critical Thinking		3
C3		Arts or Humanities		3
B2/B3		Life Science/Laboratory Science		3
Second Composition	ENGL 200	College Writing II		3
Area of emphasis course				3
			Total:	16
Fourth Semester (SPRING)				
F		Ethnic Studies		3
B1/B3		Physical Science/Laboratory Science		3
Major (intro core choose	MATH 131 or STAT 303			3
Code 2		U.S. Code (US 1,3)		3
Elective				3
			Total:	15
Fifth Semester (FALL)				
UD-B/Overlay		UD Quantitative Reasoning	Completion of GE Areas A1, A2, A3 and B4	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-D/Overlay		UD Social Science	Completion of GE Areas A1, A2, A3 and B4	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-C/Overlay		UD Arts and Humanities	Completion of GE Areas A1, A2, A3 and B4	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

CSUEB General Breadth and Graduation Requirement Checklist	
Area A (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)	
<input type="checkbox"/> A1. COMM 100 or 104, MLL 111	
<input type="checkbox"/> A2. ENGL 101, 102, or 104	
<input type="checkbox"/> A3. PHIL 100	
Area B (9 units) : Scientific Inquiry & Quantitative Reasoning	
<input type="checkbox"/> B1. Physical Science	
<input type="checkbox"/> B2. Life Science	
<input type="checkbox"/> B3. Laboratory Activity	
<input type="checkbox"/> B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)	
Area C (9 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS)	
<input type="checkbox"/> C1. Arts	
<input type="checkbox"/> C2. Humanities	
<input type="checkbox"/> * Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)	
Area D (6 units) : Social Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)	
<input type="checkbox"/> D1.	
<input type="checkbox"/> D2.	
Area E (3 units) : Lifelong Learning and Self-Development	
<input type="checkbox"/> E.	
Area F (3 units): Ethnic Studies	
<input type="checkbox"/> F.	
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.	
<input type="checkbox"/> Second Composition	
University Writing Requirement	
<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 A1, A2, A3, and B4 with a C- (CR)	
<input type="checkbox"/> UD-B. Upper-division Science Inquiry and Quantitative Reasoning	
<input type="checkbox"/> UD-C. Upper-division Arts OR Humanities	
<input type="checkbox"/> UD-D. Upper-division Social Sciences	
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.

Updated: 4/1/2024