Requirement Area	Course	Course Title Prerequisites	Units
		First Semester (FALL)	
E	SCI 130	Connecting to STEM Majors	2
A1 or A3	_	Oral Communication or Critical Thinking One from the	3
		following: Satisfactory score of 78 or higher on Mathematics Placement Exam, MATH 120 or MATH 125 (either course with grade C- or	
B4/LD Major	MATH 130	Calculus I better).	4
C1 or C2 D1/Code 1	_	Arts or Humanities	3
DI/Code I	_	Social Science/U.S Code (1,2) Total:	15
		Second Semester (SPRING)	
A2		Written Communication	3
C1 or C2	_	Arts or Humanities	3
D2	CS 100	Social Science	3
LD Major	CS 100	Programming for Everyone	3
Elective			2
		Total:	14
-		Third Semester (FALL)	
E	+	Ond Communication on Cair of This Live	1
A1 or A3		Oral Communication or Critical Thinking	3
Add'l C1 or C2* B2/B3		Arts or Humanities Life Science/Laboratory Science	3
02,03	+	Ene Science/ Laboratory Science	1 3
Second Composition	ENGL 200	College Writing II	3
LD Major	CS 200	Advanced Programming for Everyone CS 100	3
		Total:	16
		Fourth Semester (SPRING)	_
F		Ethnic Studies	3
B1/B3		Physical Science/Laboratory Science	3
		Completion of GE	
UD Major	STAT 315	Exploring and Analyzing Data area B4	3
Elective			3
Elective			3
		Total:	15
		Fifth Semester (FALL)	
UD-B/Overlay			3
ob by overlay	_	One of: MATH 115,	
		MATH 120, MATH	
UD Major	STAT 330	Statistical Inference 180.	3
Code 2		U.S. Code (1,3)	3
Concentration Florting			1 2
Concentration Elective			3
Concentration Elective UWR			3
		Total:	
UWR		Total: Sixth Semester (SPRING)	15
UWR UD-D/Overlay	CTAT 224	Sixth Semester (SPRING)	15
UWR UD-D/Overlay UD Major	STAT 321 STAT 321	Sixth Semester (SPRING) Probability Through Simulation CS 100	3 15 3 3
UD-D/Overlay UD Major UD Major	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336	3 15 3 3
UWR UD-D/Overlay UD Major		Sixth Semester (SPRING) Probability Through Simulation CS 100	3 15 3 3
UD-D/Overlay UD Major UD Major UD Major	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316	3 15 3 3 3 3 3
UD-D/Overlay UD Major UD Major UD Major	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total:	3 15 3 3 3 3
UD-D/Overlay UD Major UD Major UD Major Concentration Elective	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316	3 3 3 3 3 3 15
UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total:	3 3 3 3 3 3 15
UD-D/Overlay UD Major UD Major UD Major Concentration Elective	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total:	3 3 3 3 3 3 15
UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective	STAT 331 STAT 432	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 310 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310,	3 3 3 3 3 3 1 5
UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay	STAT 331	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310, STAT 330, STAT 310, STAT 331, STAT 330	3 3 3 3 3 15
UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective	STAT 331 STAT 432	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 310 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310,	3 3 3 3 3 15
UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective	STAT 331 STAT 432	Sixth Semester (SPRING) Probability Through Simulation CS 100 Introduction to Analysis of Variance STAT 316 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, Introduction to R for Data Science STAT 330 or STAT 316	3 3 3 3 3 3 15 3 3 3 3 3 3 3 3 3 3 3 3 3
UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective	STAT 331 STAT 432 STAT 450	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, Introduction to R for Data Science STAT 330 or STAT 316 or STAT 316, Introduction to Data Visualization Data Analysis with SAS STAT 330 STAT 330	3 3 3 3 3 3 15 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective	STAT 331 STAT 432 STAT 450 STAT 451	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 336 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, STAT 330, STAT 310, or STAT 315 or STAT 316 or STAT 316 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total:	3 3 3 3 3 3 15 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective	STAT 331 STAT 432 STAT 450 STAT 451	Sixth Semester (SPRING) Probability Through Simulation	3 3 3 3 3 3 15 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective	STAT 331 STAT 432 STAT 450 STAT 451	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 336 or STAT 336 Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, STAT 330, STAT 310, or STAT 315 or STAT 316 or STAT 316 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total:	3 3 3 3 3 3 15 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective	STAT 331 STAT 432 STAT 450 STAT 451	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310 Or STAT 316 or STAT 316 STAT 303 or STAT 316 STAT 303 or STAT 316 Or STAT 316 or STAT 316 Data Analysis with SAS Total: Eighth Semester (SPRING)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective UD Major Concentration Elective UD Major	STAT 331 STAT 432 STAT 450 STAT 451 STAT 495	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 336 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, Introduction to R for Data Science STAT 330 or STAT 316 or STAT 316 STAT 303 or STAT 316 or STAT 316 or STAT 316 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total: Eighth Semester (SPRING) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310,	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective Concentration Elective UD Major Concentration Elective UD Major UD Major UD Major	STAT 331 STAT 432 STAT 450 STAT 451 STAT 495	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 336 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, Introduction to R for Data Science STAT 330 or STAT 316 or STAT 316 STAT 303 or STAT 316 or STAT 316 or STAT 316 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total: Eighth Semester (SPRING) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310,	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
UD-D/Overlay UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective UD Major Elective	STAT 331 STAT 432 STAT 450 STAT 451 STAT 495	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 336 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, Introduction to R for Data Science STAT 330 or STAT 316 or STAT 316 STAT 303 or STAT 316 or STAT 316 or STAT 316 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total: Eighth Semester (SPRING) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310,	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
UWR UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective Concentration Elective UD Major Concentration Elective UD Major UD Major UD Major	STAT 331 STAT 432 STAT 450 STAT 451 STAT 495	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 330 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310, STAT 303 or STAT 311 or STAT 316 or STAT 310 or STAT 316 or STAT 310 or STAT 316 or STAT 310 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total: Eighth Semester (SPRING) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310, STAT 315, STAT 330.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
UD-D/Overlay UD-D/Overlay UD Major UD Major UD Major Concentration Elective UD-C/Overlay UD Major Elective Concentration Elective UD Major Elective	STAT 331 STAT 432 STAT 450 STAT 451 STAT 495	Sixth Semester (SPRING) Probability Through Simulation Introduction to Analysis of Variance Introduction to Linear Regression and Logistic Regress STAT 336 or STAT 316 Total: Seventh Semester (FALL) One of: STAT 110, STAT 303, STAT 310, Introduction to R for Data Science STAT 330 or STAT 316 or STAT 316 STAT 303 or STAT 316 or STAT 316 or STAT 316 Introduction to Data Visualization Data Analysis with SAS STAT 330 Total: Eighth Semester (SPRING) One of: STAT 110, STAT 303, STAT 310, STAT 303, STAT 310,	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

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.

Area A	GUEB General Breadth and Graduation Requirement Checklist A (9 units): Communication in the English Language & Critical Thinki
	(Must earn passing grade of C-/CR or better)
□ A1.	COMM 100 or 104, MLL 111
	ENGL 101, 102, or 104
☐ A3.	PHIL 100
	Area B (9 units) : Scientific Inquiry & Quantitative Reasoning
□ B1.	Physical Science
	Life Science
	Laboratory Activity
	Quantitative Reasoning (Must earn passing grade of C-/CR or better.)
	C (9 units): Arts & Humanities - Minimum of two different discipline
	as designated by course prefix (e.g., ART, THEA, MUS)
□ C1.	
□ C2.	Humanities
	dditional Lower-division Area C Course in Arts (C1) or Humanities (C2)
Area	D (6 units): Social Sciences - Minimum of two different disciplines a
	designated by course prefix (e.g., ANTH, ECON, POSC)
□ D1.	
□ D2.	
	Area E (3 units): Lifelong Learning and Self-Development
□ E.	
ПЕ	Area F (3 units): Ethnic Studies
	d Composition : Requires completion of GE A2 with a C-/CR or bette
Secon	Must be completed before attaining junior standing.
□ Sec	ond Composition
	University Writing Requirement
□ uw	
U.S	. Code (American Institutions Requirement) - Two courses (6 units)
cove	ering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S.
	Constitution), and US-3 (California State & Local Government).
☐ Cod	de 1.
	1.2
☐ Cod	Division GE Requirements (9 units): Should be taken after completi
opper	of A1, A2, A3, and B4 with a C- (CR)
□ UD-	-B. Upper-division Science Inquiry and Quantitative Reasoning
	-C.Upper-division Arts OR Humanities
	-D. Upper-division Social Sciences
	rlay Requirements (9 units): Courses may be upper or lower division
	and GE or major
□ Dive	ersity (Div)
	ial Justice (SJ)
	tainability (S)
	Data Science Concentration
☐ Sus	
☐ Sus	ete fifteen (15) units of approved courses in Computer Science and/o
☐ Sus Compl Statisti	ete fifteen (15) units of approved courses in Computer Science and/cics as follows:
Compl Statisti	ete fifteen (15) units of approved courses in Computer Science and/c ics as follows: 50 - Introduction to R for Data Science Units: 3
Compl Statisti STAT 4:	ete fifteen (15) units of approved courses in Computer Science and/c ics as follows: 50 - Introduction to R for Data Science Units: 3 51 - Introduction to Data Visualization Units: 3
Compl Statisti STAT 4: STAT 4: STAT 4:	ete fifteen (15) units of approved courses in Computer Science and/c ics as follows: 50 - Introduction to R for Data Science Units: 3 51 - Introduction to Data Visualization Units: 3 52 - Introduction to Statistical Learning Units: 3
Compl Statisti STAT 4 STAT 4 STAT 4	ete fifteen (15) units of approved courses in Computer Science and/c ics as follows: 50 - Introduction to R for Data Science Units: 3 51 - Introduction to Data Visualization Units: 3

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