	Course	Course Title	Danier militare	
Requirement Area	Course	Course Title	Prerequisites	Units
		First Semester (FALL)		
A1 or A3		Oral Communication or Critical Thinking		
A2		Written Communication		
LD Major Core	CS 100	Programming for Everyone		
B4/LD Major Core	MATH 130	Calculus I	One from the following: Satisfactory score of 78 or higher on Mathematics	
	130	Culculus .	Placement Exam, MATH 120 or MATH 125 (either course with grade C- or better).	
Elective			Total:	
		Second Semester (SPRING)		
A1 or A3		Oral Communication or Critical Thinking		
C1 or C2		Arts or Humanities		
		Arts or numanities		
Elective				
D1-2/Code 1	ECON 101, ES 120, HIST 110, POSC 101, or equivalent	Social Sciences and US-1-2		
LD Major Elective				
			Total:	
		Third Semester (FALL)		
D1-2/Code 2	ES 121, HIST 111, POSC 102, or equivalent	Social Sciences and US-3		
Second Composition		College Writing II	Completion of GE area A2	
B1/B3		Physical Science/Laboratory Science		
F				
C1 or C2		Arts or Humanities		
C1 0/ C2			Total:	
LIWR		Fourth Semester (SPRING)		
*****		Ethnic Studies		
B2/B3		Life Science/Laboratory Science		
Add'l C1 or C2		Arts or Humanities		
LD Major Core	CS/MATH 211	Discrete Structures	MATH 130 with grade C- or better	
E		Lifelong Learning and Self-Development	Total:	
		Fifth Semester (FALL)	lotai.	
UC-C	UD Arts or Humanities	Firth Semester (FALL)		
			MATH 130 and CS 100 (or CS	
UD Major Core	BAN 310	Data Analysis with Python I	101)	
UD Major Core	BAN 315	Data Analysis with Python II	BAN 310	
UD Major Core	MKTG 305	Business Communication	Junior standing	
Concentration			Sumor standing	
Concentration	_		Total:	
		Sixth Semester (SPRING)	Total.	
UD-B/UD Major Core/S	BAN 320	Optimization and Simulation for Business Applications	CS 100 or CS 101	
UD Major Core	BAN 331	Database Management and SQL	BAN 310 or ITM 300	
UD Major Core	BAN 340	Machine Learning for Business Applications	BAN 315	
	BAN 350	Data Wrangling and Data Pipline	BAN 310	
UD Major Core Concentration	DOI 930	Data Wranging and Data Pipine	DUIA 210	
Concentration	+		Total:	
	_	Seventh Semester (FALL)	I Iotai.	
Concentration	MKTG 310	Marketing Research	MKTG 300	
	BAN 441		BAN 310 or ITM 300	
UD Major Core/SJ	BAN 441 BAN 449	Business Data Visualization and Reporting  Big Data Technology and Business Applications	BAN 315 or ITM 330	
UD Major Core	DAIN 443		DUIS 213 OI IIINI 230	
Concentration		Concentration Elective		
Concentration		Concentration Elective	Total:	
		Eighth Semester (SPRING)	ı lotal.	
UD-D (with Div if needed)	UD Social Science (with Diversity			
	Overlay if needed)			
		Concentration Elective	i l	
Concentration				
Concentration Concentration		Concentration Elective		
Concentration Concentration Major Capstone	BAN 499		BAN 340 and BAN 441	
Concentration Concentration Major Capstone UD Free Elective	BAN 499	Concentration Elective	BAN 340 and BAN 441  Total:	

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

c	SUEB General Breadth and Graduation Requirement Checklist	
Area A (9 units): Communication in the English Language & Critical Thinking (Must earn pass grade of C-/CR or better)		
☐ A1. COMM 1	00 or 104, MLL 111	
☐ A2. ENGL 10:	1, 102, or 104	
☐ A3. PHIL 100		
	Area B (9 units): Scientific Inquiry & Quantitative Reasoning	
☐ B1. Physical S	Science	
☐ B2. Life Scien		
☐ B3. Laborato	ry Activity	
☐ B4. Quantita	tive Reasoning (Must earn passing grade of C-/CR or better.)	
	s): Arts & Humanities - Minimum of three different disciplines as designated b	
☐ C1. Arts	course prefix (e.g., ART, THEA, MUS)	
C2. Humaniti	ies	
□ *Additional L	Lower-division Area C Course in Arts (C1) or Humanities (C2)	
Area D (6 un	its) : Social Sciences - Minimum of three different disciplines as designated by	
	course prefix (e.g., ANTH, ECON, POSC)	
□ D1.		
□ D2.		
	Area E (3 units): Lifelong Learning and Self-Development	
□ E.		
	Area F (3 units): Ethnic Studies	
□ F.		
	sition : Requires completion of GE A2 with a C-/CR or better. Must be complet before attaining junior standing.	
☐ Second Com	before attaining junior standing. position	
Second Com	before attaining junior standing.  position  erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo	
U.S. Code (Ame Requirements	before attaining junior standing. position erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co	
Second Com U.S. Code (Ame Requirements o	before attaining junior standing.  position  erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo	
Second Com U.S. Code (Ame Requirements o	before attaining junior standing.  position  erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo	
Second Com U.S. Code (Ame Requirements of Code 1. Code 2. Upper Division	before attaining junior standing.  position  erican institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo  Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  84 with a C- (CR)	
Second Com U.S. Code (Ame Requirements of Code 1. Code 2. Upper Division UD-B. Upper	before attaining junior standing. position erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a B4 with a C- (CR)	
Second Com U.S. Code (Amr Requirements of Code 1. Code 2. Upper Division UD-B. Upper	before attaining junior standing.  position  erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo  Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  B4 with a C- (CR)  division Science Inquiry and Quantitative Reasoning  division Arts OR Humanities	
Second Com U.S. Code (Ame Requirements of Code 1. Code 2. Upper Division  UD-B. Upper UD-C.Upper- UD-D. Upper	before attaining junior standing. position erican institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a 84 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning division Arts OR Humanities -division Social Sciences	
Second Com U.S. Code (Ame Requirements of Code 1. Code 2. Upper Division  UD-B. Upper UD-C. Upper UD-D. Upper Overlay Req	before attaining junior standing. position erican institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  I.GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a B4 with a C- (CR) -division Science Inquiry and Quantitative Reasoning division Arts OR Humanities -division Social Sciences juirements (9 units): Courses may be upper or lower division, and GE or major	
Second Com U.S. Code (Ame Requirements of Code 1. Code 2. Upper Division UD-B. Upper UD-C. Upper UD-D. Upper Overlay Req	before attaining junior standing. position erican institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  I.GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a B4 with a C- (CR) -division Science Inquiry and Quantitative Reasoning division Arts OR Humanities -division Social Sciences juirements (9 units): Courses may be upper or lower division, and GE or major	
Second Com U.S. Code (Ame Requirements of Code 1. Code 2. Upper Division  UD-B. Upper UD-C.Upper- UD-D. Upper	before attaining junior standing.  position  erican institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo  Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  84 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning  division Arts OR Humanities  -division Sciences (9 units): Courses may be upper or lower division, and GE or major  v)	
U.S. Code (Am Requirements of Code 1. Code 2. Upper Division UD-B. Upper UD-C. Upper UD-D. Upper Overlay Req	before attaining junior standing.  position  erican institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo  Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  B4 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning  division Arts OR Humanities  -division Social Sciences  quirements (9 units): Courses may be upper or lower division, and GE or major  (7)	
U.S. Code (Am Requirements of Code 1. Code 2. Upper Division UD-B. Upper UD-C. Upper UD-C. Upper UD-D. Upper Overlay Req Diversity (Div Social Justice Sustainability Sustainability	before attaining junior standing.  position  erican institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo  Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  B4 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning  division Arts OR Humanities  -division Social Sciences  quirements (9 units): Courses may be upper or lower division, and GE or major  (7)	
U.S. Code (Am Requirements of Code 1. Code 2. Upper Division UD-B. Upper UD-C. Upper- UD-D. Upper Overlay Req Diversity (Did Social Justice Sustainability Marketing An:	before attaining junior standing. position erican institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a B4 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning division Arts OR Humanities -division Social Sciences ulirements (9 units): Courses may be upper or lower division, and GE or major of (SI) (SI)	
U.S. Code (Amr. Requirements of Code 1. Code 2. Upper Division UD-B. Upper Division UD-B. Upper Overlay Rec Diversity (Dh Social Justice Substantability Marketing Ania	before attaining junior standing.  position  erican Institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo  Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  84 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning  division Arts OR Humanities  -division Social Sciences  ujurements (9 units): Courses may be upper or lower division, and GE or major  v)  (S.S.)  stylics Concentration	
U.S. Code (Amr. Requirements of Code 1. Code 2. Upper Division UD-B. Upper UD-D. Upper Overlay Req Diversity (Div Social Justice Sustainability Marketing An. Take the follow MKTG 300 - M	before attaining junior standing. position erican institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a 8 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning division Arts OR Humanitles -division Social Sciences juliements (9 units): Courses may be upper or lower division, and GE or major (7) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	
U.S. Code (Am Requirements of Code 2. Upper Division UD-8. Upper UD-0. Upper U	before attaining junior standing. position refran Institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a B4 with a C- (CR)  division Science Inquiry and Quantitative Reasoning division Arts OR Humanities  division Social Sciences juirements (9 units): Courses may be upper or lower division, and GE or major of (S) (S) (YS) alytics Concentration wing three (3) courses for 9 units: arketing Principles Units: 3	
U.S. Code (Am Requirements of Code 2. Upper Division UD-8. Upper UD-0. Upper U	before attaining junior standing. position  refrain institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  84 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning  division Arto R Humanities  -division Social Sciences  quirements (9 units): Courses may be upper or lower division, and GE or major  (5)  (5)  (5)  (5)  (5)  sylvics Concentration  ving three (3) courses for 9 units: arketing Research Units: 3  arketing Research Units: 3  arketing Research Units: 3  arketing Research Units: 3  arketing Analytics Units: 3	
U.S. Code (Am Requirements of Code 1. Upper Division UD-B. Upper UD-D. Upper UD-D. Upper U	before attaining junior standing. position  refrain institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  84 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning  division Arto R Humanities  -division Social Sciences  quirements (9 units): Courses may be upper or lower division, and GE or major  (5)  (5)  (5)  (5)  (5)  sylvics Concentration  ving three (3) courses for 9 units: arketing Research Units: 3  arketing Research Units: 3  arketing Research Units: 3  arketing Research Units: 3  arketing Analytics Units: 3	
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US. Second Com. US. Code (Am. Requirements of Code 1. Code 2. Upper Division UD-B. Upper UD-D. Upper UD-D. Upper Overlay Req Diversity (bh Social Justice) Sustainability Marketing Ani Take the follow MKTG 310 - M	before attaining junior standing. position position prican institutions Requirement) - Two courses (6 units) covering three U.S. Co of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a B4 with a C- (CR)  -division Science Inquiry and Quantitative Reasoning division Arts OR Humanities -division Social Sciences juliements (9 units): Courses may be upper or lower division, and GE or major (7) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	
U.S. Code (Am Requirements of Code 1. Code 2. Upper Division U.D. Upper Division U.D. Upper U.D. Upper Division U.D. Upper Diversity (Dk Social Justice Diversity (Dk Social Justice Marketing Amarketing Amarket	before attaining junior standing.  position  prican institutions Requirement) - Two courses (6 units) covering three U.S. Co  of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Lo Government).  GE Requirements (9 units): Should be taken after completion of A1, A2, A3, a  84 with a C- (CR)  division Science Inquiry and Quantitative Reasoning  division Arts OR Humanities  -division Social Sciences  quirements (9 units): Courses may be upper or lower division, and GE or major  (SS)  (SS)  alytics Concentration  wing three (3) courses for 9 units:  arketing Principles Units: 3  arketing Research Units: 3  arketing Research Units: 3  sarketing Research Units: 3  sarketing Principles Units: 3  sarketing For youts from the following:  duct, Service, and Brand Management Units: 3	