Requirement Area		Degree: Biochemistry, B.S. 25-26 Course Title	Prerequisites	Units
		First Semester (FALL)		
Recommended 1C	SCI 130	Connecting to STEM Majors  Oral Communication		3
		Old Communication		
5A/LD Major 5C Major	CHEM 111 CHEM 111L	General Chemistry I General Chemistry Lab I		2
SC Major	CHEWITIE	General Chemistry Lab i	One from the	
			following: Satisfactory	
			score of 78 or	
			higher on Mathematics	
			Placement Exam, MATH	
			120 or MATH	
			125 (either course with	
Area 2/LD Major	MATH 130	Calculus I	grade C- or better).	4
Area 4/CODE 1	W#111 130	Social Science/US Code	octici).	3
			Total:	17
		Second Semester (SDRING)		
IA		Second Semester (SPRING) Written Communications		3
3A		Arts		3
			MATH 130 with grade C-	
LD Major	MATH 131	Calculus II	or better.	3
LD Major	CHEM 112	General Chemistry II I ah		3
LD Major	CHEM 112L	General Chemistry II Lab		2
			Total:	14
	-	Third Semester (FALL)	iotaf:	14
1B/Second Comp		Critical Thinking and Composition		3
			CHEM 112 with grade C-	
UD Major	CHEM 331	Organic Chemistry I	or better.	5
5B/5C/LD Major	BIOL 140A	Principles of Cell and Molecular Biology	MATH 131	5
LD Major	MATH 230	Calculus III	with grade C- or better.	3
LO IVIAJOI	WATTI 230	Calculus III	Total:	16
		•		
		Fourth Semester (SPRING)		
Free Elective			BIOL 140A with	3
I D Malas	BIOL 140B	Delevision of Consultant Distant	grade C- or	5
LD Major	BIOL 140B	Principles of Organismal Biology	better. CHEM 112	5
LD Major	CHEM 220	Quantitative Analysis	with grade C- or better.	4
ED Wajor	CHEW ZEO	Quantitutive Analysis	CHEM 331 with	
UD Major	CHEM 332	Organic Chemistry II	grade C- or better.	5
				17
			Total:	- 1/
		Fifth Semester (FALL)	Total:	17
			Total:	
3B		Fifth Semester (FALL)  Humanities Ethnic Studies	Total:	3
3B		Humanities	CHEM 332 with	3
3B Area 6 UD Major	CHEM 441	Humanities		3
3B Area 6 UD Major	CHEM 441 PHYS 125	Humanities Ethnic Studies	CHEM 332 with grade C- or better.	3 3 4 4
3B Area 6 UD Major		Humanities Ethnic Studies Biochemistry I Principals of Physics I	CHEM 332 with grade C- or	3 3
3B Area 6 UD Major		Humanities Ethnic Studies Biochemistry I	CHEM 332 with grade C- or better.  Total:  CHEM 441 with	3 3 4 4
38 Area 6 UD Major 5A/5C/LD Major		Humanities Ethnic Studies Biochemistry I Principals of Physics I	CHEM 332 with grade C- or better.  Total:	3 3 4 4 14
38  UD Major SA/SC/LD Major  UD Major	PHYS 125  CHEM 442	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or	3 3 4 4 14
3B Area 6  UD Major SA/SC/LD Major  UD Major UNR SA/SC/LD Major	PHYS 125	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or	3 3 4 4 14
3B Area 6  UD Major SA/SC/LD Major  UD Major UNR SA/SC/LD Major	PHYS 125  CHEM 442	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or	3 3 4 4 14 14
38 Area 6  UD Major SA/SC/LD Major  UD Major  UD Major  UWR SA/SC/LD Major  Free Elective	PHYS 125  CHEM 442	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)	CHEM 332 with grade C- or better.	3 3 4 4 14 4 3 3 4 4
38 Area 6  UD Major SA/SC/LD Major  UD Major  UD Major  UWR SA/SC/LD Major  Free Elective	PHYS 125  CHEM 442	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II	CHEM 332 with grade C- or better.	3 3 4 4 14 4 3 3 4 4
3B Area 6  UD Major SA/SC/LD Major  UD Major UWR SA/SC/LD Major Free Elective	PHYS 125  CHEM 442  PHYS 126	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II Principals of Physics II  Seventh Semester (FALL) US Code	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or chem 443 w	3 3 4 4 14 4 3 3 4 4 15
3B  Area 6  UD Major  SA/SC/LD Major  UD Major  UDWR  SA/SC/LD Major  Free Elective  Area 4/Code 2	PHYS 125  CHEM 442	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.	3 3 4 4 14 4 3 3 4 4
3B Area 6  UD Major 5A/SC/LD Major  UD Major  UWR 5A/SC/LD Major Free Elective  Area 4/Code 2	PHYS 125  CHEM 442  PHYS 126	Humanities  Ethnic Studies  Biochemistry I  Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 433 with grade C- or CHEM 433 with grade C- Or CHEM 332,	3 3 4 4 4 14 4 4 4 15
3B Area 6  UD Major 5A/SC/LD Major  UD Major  UWR 5A/SC/LD Major Free Elective  Area 4/Code 2	PHYS 125  CHEM 442  PHYS 126	Humanities  Ethnic Studies  Biochemistry I  Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 433 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all	3 3 3 4 4 4 14 4 4 4 4 4 4 4 3 3 3 3 3 3
3B Area 6  UD Major SA/SC/LD Major  UD Major UD Major Free Elective  Area 4/Code 2  UD Major UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II Principals of Physics II  Seventh Semester (FALL) US Code Biochemistry Laboratory I Biochemistry Elective	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 433 with grade C- or better.  CHEM 32, MATH 230, PHYS 136, all with grade C- or better.	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
3B Area 6  UD Major SA/SC/LD Major  UD Major UD Major Free Elective  Area 4/Code 2  UD Major UD Major	PHYS 125  CHEM 442  PHYS 126	Humanities  Ethnic Studies  Biochemistry I  Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHY 316, all with grade C- or better.  Completion of Comp	3 3 3 4 4 4 4 144 144 145 155 3 3 3 3 3 3 3 3 3 3
3B Area 6  UD Major SA/SC/LD Major  UD Major UD Major Free Elective  Area 4/Code 2  UD Major UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II Principals of Physics II  Seventh Semester (FALL) US Code Biochemistry Laboratory I Biochemistry Elective	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  Completion of GE Areas 1A, 18, 1C and GE-	3 3 4 4 4 14 4 4 4 15
3B Area 6  UD Major SA/SC/LD Major  UD Major UWR SA/SC/LD Major Free Elective  Area 4/Code 2  UD Major UD Major UD Major UD Major UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL) US Code  Biochemistry Laboratory I Biochemistry Elective	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  COMPANDED COMPA	3 3 3 4 4 4 4 144 144 145 155 3 3 3 3 3 3 3 3 3 3
Area 6  UD Major SA/SC/LD Major  UD Major UD Major UD Major Free Elective  Area 4/Code 2  UD Major UD Major UD Major UD Major UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Viscode Biochemistry Laboratory I Biochemistry Elective  Physical Chemistry I	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  Completion of GE Areas 1A, 18, 1C and GE-	3 3 3 4 4 4 4 4 4 14 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15
3B Area 6  UD Major SA/SC/LD Major  UD Major UWR SA/SC/LD Major Free Elective  Area 4/Code 2  UD Major UD Major UD Major UD Major UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL) US Code  Biochemistry Laboratory I Biochemistry Elective	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 322, MATH 230, PMYS 136, all with grade C- or better.  CHEM 324, MATH 230, Land GE- are significant for the completion of GE Areas 1A, 18, 1C and GE- 2 with grade C- (CR) or better.	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
3B Area 6  UD Major SA/SC/LD Major  UWR SA/SC/LD Major  Free Elective  Area 4/Code 2  UD Major  UD Major  UD Major  UD Major  UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I  Biochemistry Elective  Physical Chemistry I  UD Science  Eighth Semester (SPRING)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  CMEM 351 with grade C- (CR) or better.	3 3 3 4 4 4 4 144 144 144 155 155 155 155 155
3B Area 6  UD Major SA/SC/LD Major  UD Major UD Major UNR SA/SC/LD Major Free Elective  Area 4/Code 2  UD Major UD Major UD Major UD Major UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II Principals of Physics II US Code Biochemistry Laboratory I Biochemistry Elective Physical Chemistry I UD Science Eighth Semester (SPRING)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 32, MATH 330, PHYS 136, all with grade C- or better.  Completion of GF Areas 1A, 18, 12 and GF. 2 with grade C- o' with grade C- o' better.  Completion of GF Areas 1A, 18, 12 and GF. 2 with grade C- o' better.  Completion of GF Areas 1A, 18, 12 and GF. 2 with grade C- o' better.  Completion of GF Areas 1A, 18, 12 and GF. 2 with grade C- o' better.  CHEM 351 with C	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
38 Area 6  UD Major SA/SC/LD Major  UD Major UWR SA/SC/LD Major Free Elective  Area 4/Code 2  UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I  Biochemistry Elective  Physical Chemistry I  UD Science  Eighth Semester (SPRING)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 433 with grade C- or better.  CHEM 32, MATH 230, PHYS 136, all with grade C- or better.  CHEM 320, PHYS 136, all with grade C- or better.  Completion of GE Areas 1A, 18, 12 and 62 (CR) or better.  CHEM 351 with grade C- or better.  CHEM 351 with grade C- or better.  CHEM 351 with grade C- or better.	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 6 6 6 6 6
38 Area 6  UD Major SA/SC/LD Major  UD Major UWR SA/SC/LD Major Free Elective  Area 4/Code 2  UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II Principals of Physics II US Code Biochemistry Laboratory I Biochemistry Elective Physical Chemistry I UD Science Eighth Semester (SPRING)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 433 with grade C- or better.  CHEM 32, MATH 230, PHYS 136, all with grade C- or better.  CHEM 320 Completion of GE Areas 1A, 18, 1C and GE- or better.  CHEM 351 with grade C- or better.  CHEM 351 with grade C- or better.  CHEM 351 with grade C- or better.	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 6 6 6 6 6
3B Area 6  UD Major SA/SC/LD Major  UD Major UWR SA/SC/LD Major Free Elective  UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I  Biochemistry Elective  Physical Chemistry I  UD Science  Eighth Semester (SPRING)  Physical Chemistry II  Biochemistry Laboratory II  Biochemistry Laboratory II	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  CHEM 32, MATH 230, CHEM 25, William 26, W	3 3 3 4 4 4 4 4 144 144 145 155 155 155 155 1
3B Area 6  UD Major SA/SC/LD Major  UD Major UWR ASA/SC/LD Major Free Elective  UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I Sixth Semester (SPRING) Biochemistry II Principals of Physics II US Code Biochemistry Laboratory I Biochemistry Elective Physical Chemistry I UD Science Eighth Semester (SPRING)	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  CMEM 322, MATH 230, PHYS 136, all with grade C- or better.  Completion of GE Areas 1A, 18, 1C and GE- 2 with grade C- or better.  Completion of GE Areas 1A, 18, 1C and GE- 2 with grade C- or better.  Completion of GE Areas 1A, 18, 1C and GE- 2 with grade C- or better.	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 6 6 6 6 6
3B Area 6 UD Major SA/SC/LD Major UD Major UDWR SA/SC/LD Major Free Elective UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I  Biochemistry Elective  Physical Chemistry I  UD Science  Eighth Semester (SPRING)  Physical Chemistry II  Biochemistry Laboratory II  Biochemistry Laboratory II	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 322, MATH 230, PHYS 136, all with grade C- or better.  Completion of GE Areas 1A, 1B, 1C and GE- 2 with grade C- or better.  CHEM 351 with grade C- or better.  CEM 351 with grade C- or better.  CHEM 351 with grade C- or better.  CHEM 351 with grade C- OR petter.  Completion of GE Areas 1A, 1B, 1C and GE- 2 with grade C- (CR) or better.	3 3 3 4 4 4 4 4 144 144 145 155 155 155 155 1
3B Area 6  UD Major SA/SC/LD Major  UD Major UWR ASA/SC/LD Major Free Elective  UD Major	PHYS 125  CHEM 442  PHYS 126  CHEM 443  CHEM 351	Humanities Ethnic Studies Biochemistry I Principals of Physics I  Sixth Semester (SPRING)  Biochemistry II  Principals of Physics II  Seventh Semester (FALL)  US Code  Biochemistry Laboratory I  Biochemistry Elective  Physical Chemistry I  UD Science  Eighth Semester (SPRING)  Physical Chemistry II  Biochemistry Laboratory II  Biochemistry Laboratory II	CHEM 332 with grade C- or better.  Total:  CHEM 441 with grade C- or better.  Total:  CHEM 443 with grade C- or better.  CHEM 433 with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  CHEM 332, MATH 230, PHYS 136, all with grade C- or better.  Completion of GE Areas 1A, Edward C- or better.  CHEM 351 with grade C- or better.  Completion of GE Areas 1A, 18, 1C and GE- 2 with grade C- or better.	3 3 3 4 4 4 4 4 144 144 145 155 155 155 155 1

	B General Breadth and Graduation Requirement Checkli
	Area 1 (9 units): English Communication
	Lower Division English Composition
	Lower Division Critical Thinking and Composition
□ 1C -	Lower Division Oral Communication
Are	a 2 (3 units) : Mathematical Concepts and Quantitative Reasoning
☐ Area	a 2 - Mathematical Concepts and Quantitative Reasoning
	3 (6 units): Arts & Humanities - Minimum of two differentines as designated by course prefix (e.g., ART, THEA, MU
	Arts and Humanities (Arts)
	Arts and Humanities (Humanities)
	4 (6 units) : Social and Behavioral Sciences - Minimum of
	different disciplines as designated by course prefix (e.g. ANTH, ECON, POSC)
Π Δrea	a 4 - Lower Division Social and Behavioral Sciences
	a 4 - Lower Division Social and Behavioral Sciences
AIR	2 - CONCI DIVISION SOCIAL AND DELIAVIOLAL SCIENCES
	Area 5 (7 units): Physical and Biological Sciences
	Lower Division Physical and Biological Sciences (Physical
□ 5B -	Lower Division Physical and Biological Sciences (Biologic
□ 5C -	Lower Division Physical and Biological Sciences
	atory) May be embedded in 5A or 5B course, as long as
units m	net for lower-division Subject Area 5.
□ Arc-	Area 6 (3 units): Ethnic Studies
Secon	a 6 - Ethnic Studies d Composition : Second Composition
Jecon	(Required as part of 1B
	for 2025-26 or later catalog)
☐ Seco	ond Composition
	University Writing Requirement (3-4 units)
□ uw	
	ode (American Institutions Requirement) - Two courses
unit	ts) covering three U.S. Code Requirements of US-1 (U.S.
Histo	ry), US-2 (U.S. Constitution), and US-3 (California State 8
	Local Government).
☐ Cod	e 1
□ Cod	e 2
_ 200	
	Division GE Requirements (9 units): Should be taken aft completion of 1A, 1B, 1C, and Area 2 with a C- (CR)
	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)
□UD-	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities
□UD- □ UD-	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences
□ UD- □ UD- □ UD-	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical
UD- UD- UD- Concep	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  tstyQuantitative Reasoning
UD- UD- UD- Concep	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  tstyQuantitative Reasoning
UD- UD- UD- Concep	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  ts/Quantitative Reasoning  y Requirements (9 units): Courses may be upper or low
UD- UD- UD- Concep	Area 3 - Upper Division Arts or Humanities Area 4 - Upper Division Social and Behavioral Sciences Area 5 - Upper Division Science or Mathematical tts/Quantitative Reasoning ty Requirements (9 units): Courses may be upper or low division, and GE or major
UD- UD- UD- Overla	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  sts/Quantitative Reasoning  ny Requirements (9 units): Courses may be upper or low  division, and GE or major
UD- UD- UD- Concep Overla	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  ots/Quantitative Reasoning  ty Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  al Justice (SJ)
UD- UD- UD- Concep Overla	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  ts/Quantitative Reasoning  ty/Quantitative Reasoning  ty/Quartitative Reasoning  ty/Quart
UD- UD- UD- Concep Overla Dive	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  Its/Quantitative Reasoning  By Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  al Justice (SJ)  tainability (S)  Elective Courses
UD- UD- UD- Concep Overla Dive	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  ts/Quantitative Reasoning  ty/Quantitative Reasoning  ty/Quartitative Reasoning  ty/Quart
UD- UD- UD- Concep Overla Dive	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  ots/Quantitative Reasoning  y Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  ial Justice (SJ)  tainability (S)  Elective Courses  one (1) course from the following for 3 units:
UD- UD- Overla Dive	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  sts/Quantitative Reasoning  sy Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  all Justice (SJ)  tainability (S)  Elective Courses  one (1) course from the following for 3 units:  145 - Protein Structure Units: 3
UD- UD- Concep Overla  Dive	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  tsty/Quantitative Reasoning  ty Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  lal Justice (SI)  alinability (S)  Elective Courses  one (1) course from the following for 3 units:  145 - Protein Structure Units: 3  445 - Nucleic Acid Chemistry Units: 3
UD- UD- Concep Overla  Dive	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  sts/Quantitative Reasoning  sy Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  all Justice (SJ)  tainability (S)  Elective Courses  one (1) course from the following for 3 units:  145 - Protein Structure Units: 3
UD- UD- UD- UD- UD- Overla  Overla  Social Sust  Chem 4  CHEM 4	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  Inst/Quantitative Reasoning  In Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  Elective Courses  one (1) course from the following for 3 units:  MAS - Protein Structure Units: 3  MAS - Protein Structure Units: 3  MAS - Nucleic Acid Chemistry Units: 3  MAS - Major Organ Biochemistry Units: 3
UD- UD- UD- Overla Dive Socia Sust Chem 4 CHEM 4	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  sts/Quantitative Reasoning  ny Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  ial Justice (SJ)  ialinability (S)  Elective Courses  one (1) course from the following for 3 units:  145 - Protein Structure Units: 3  46 - Nucleic Acid Chemistry Units: 3  47 - Major Organ Biochemistry Units: 3  Ints are required to take a minimum of 40 semester
UD- UD- UD- Overla Dive Socia Sust Chem 4 CHEM 4	completion of 1A, 1B, 1C, and Area 2 with a C- (CR)  Area 3 - Upper Division Arts or Humanities  Area 4 - Upper Division Social and Behavioral Sciences  Area 5 - Upper Division Science or Mathematical  Inst/Quantitative Reasoning  In Requirements (9 units): Courses may be upper or low  division, and GE or major  ersity (Div)  Elective Courses  one (1) course from the following for 3 units:  MAS - Protein Structure Units: 3  MAS - Protein Structure Units: 3  MAS - Nucleic Acid Chemistry Units: 3  MAS - Major Organ Biochemistry Units: 3