

CSU AND UC CORE CURRICULA: LENGTH OF CORE, COURSES, UNITS AND PREREQUISITES.

A. LENGTH OF CORE CURRICULUM

1 YEAR SEQUENCE	3 SEMESTER SEQUENCE	4 QUARTER SEQUENCE	5 QUARTER SEQUENCE	2 YEAR SEQUENCE
Bakersfield	Dominguez Hills	Pomona	Irvine	Fullerton
CS San Diego	Chico	San Luis Obispo		
Fresno	Humboldt	UC Los Angeles		
Hayward	Sonoma	Santa Barbara		
Long Beach				
Los Angeles				
Northridge				
Sacramento				
San Bernardino				
San Jose				
San Marcos				
Stanislaus				
Berkeley				
Davis				
Riverside				
UC San Diego				
Santa Cruz				

B. SUMMARY OF LOWER DIVISION CORE CONTENT

GENERAL BIOLOGY SEQUENCE		BOTANY, ZOOLOGY	INDIVIDUAL COURSES
Chico (+ Botany OR Zoology OR Micro)	San Francisco	Bakersfield (+ cell)	Fullerton
Dominguez Hills (+ Evol)	Berkeley	Hayward (+ cell)	Irvine
Fresno	Davis	Humboldt (+ principles)	Sonoma
Long Beach	Santa Barbara	CS Los Angeles (+ gen)	UC Los Angeles
Northridge		Sacramento (+ prin)	Riverside
Pomona		San Luis Obispo (+ prin and micro)	UC San Diego
CS San Diego		San Jose (+ cell)	Santa Cruz
		Stanislaus	

C. CHEMISTRY PREREQUISITES FOR CORE COURSE

NO CHEMISTRY	CHEM REQUIRED AT BEGINNING OF SEQUENCE		CHEM FOR CELL/GENETICS	
Pomona	Chico	Berkeley	Bakersfield	Irvine
Fresno	Dominguez Hills	Davis	Fullerton	UC Los Angeles
Sacramento	Humboldt	Riverside	CS Los Angeles	UC San Diego
San Bernardino	Long Beach	Santa Barbara	Northridge	Santa Cruz
Stanislaus	San Francisco		CS San Diego	
	San Luis Obispo		San Jose	
	San Marcos		Sonoma	

D. DETAILS OF CORE CURRICULA AT INDIVIDUAL CSUs AND UCs

SCHOOL (# LD UNITS)	Q OR S	COURSES	HRS LECT/LAB	PREREQ	PRE/ COREQ	NOTES
Bakersfield (15 or 17)	Q	Prin Animals	3/6	Engl & Math		
		Prin Plant	3/6	Engl & Math		
		Prin Cell (OR Human Phys)	3/6 (5/6)	Engl & Chem (Math)		
Chico (8 + 3 OR 4)	S	Bio Prin A	3/3		Chem A	
		Bio Prin B	3/3		Chem B	
		AND Gen Bot	2/3			
		OR Gen Zo	2/3			
		OR Gen Micro	3/3			
Dominguez Hills (11)	S	Prin Bio I	3/3		Chem 1	
		Brin Bio II	3/3		Chem 2	
		Evol	3			
Fresno (9)	S	Intro Bio A	3/3			
		Intro Bio B	3/6			
Fullerton (20)	S	Evol and Biodiver	3/6			
		Cell	3/6			
		Genetics and Molec	3/6		Chem	
		Prin Physiol & Ecol	3/6	Chem & math		
Hayward (15)	Q	Found Bio – animals	4/3			
		Found Bio – plants	4/3			
		Found Bio – cell	4/3	Chem		
Humboldt (12)	S	Prin Bio	3/3	Chem		Stats Req
		Bot	2/6			
		Zo	2/6			
Long Beach (10)	S	Bio Sci I	3/6	Chem A	Chem B	Stats Req
		Bio Sci II	3/6	Chem B		
Los Angeles (14)	Q	Bio 1 – animals	3/6	HS Bio		
		Bio 2 – plants	3/6	HS Bio		
		Bio 3 - genetics	3/1 (rec)		Chem	
Northridge (8)	S	Bio Prin I	3/3			
		Bio Prin II	3/3	Chem1	Chem 2	
Pomona (12 + 5)	Q	Basic Bio	3/6			
		Sci Communic	1	Basic Bio		
		Environ Conservat	3	Basic Bio		
		Evol	4	Basic Bio		Stats Req (3/3)
Sacramento (11)	Q	Basic Bio	2/3			
		Animal Bio	3/3			
		Plant Bio	3/3			
San Bernardino (15)	Q	Cell	4/3	math		Strong HS Bio/Chem
		Organismal	4/3			
		Populations	4/3			
CS San Diego (8)	S?	Organismal	3/3	Engl		Stats Req
		Cell and Molec	3/3	Chem		

APPENDIX D

SCHOOL (# LD UNITS)	Q OR S	COURSES	HRS LECT/LAB	PREREQ	PRE/ COREQ	NOTES
San Francisco (10)	S	Intro Bio I	3/6	chem (rec), math, diag test		
		Intro Bio II	3/6			
San Jose (13)	Q?	Plant Bio	3/3			
		Animal Bio	3/3			
		Cell Bio	3/3	Chem A, composition	Chem B	
		Professions in Bio	1			
		Lab Safety	1			
San Luis Obispo (20)	Q	Intro Bio	3/6		Chem	
		Bot and Fungi	3/6			
		Animals	3/6			
		Micro	?			
San Marcos (8)	S	Cell & Molec	3/3	Chem 1	Chem A	
		Organismal & Popul	3/3			
Sonoma (12)	S	Diversity	3/3	Chem		
		Genet/Evol/Ecol	3/3			
		Mole & Cell	3/3			
Stanislaus (8)	S	Bot	3/3			
		Zo	3/3			
Berkeley (5)	S	Gen Bio	3/3/1 (disc)	Chem		
		Gen Bio	3/3/1 (disc)			
Davis (15)	Q	Intro Biology	4/1 (disc)	Chem		
		Intro Biology	3/3/1 (disc)			
		Intro Biology	4/3			
Irvine (19)	Q	Pattern Diver, Ecol, Evol	3			
		Procedures Ecol & Evol	3/1 (disc)			
		Genetics	3/1 (disc)			
		Biochem	3/1 (disc)	Chem (o-chem)		
		Molec Bio	3/1 (disc)			
UCLA (16)	Q	Ecol, Evol, Divers	3/3 (demo)			
		Cells, Tiss, Organs	3/3 (lab&disc)	Chem A		
		Intro Molec	3/3 (lab&disc)	Chem B		
		Genetics	3/3 (disc)	Chem C		
Riverside (12)	Q	Intro Cell Molec	3/3	Chem		
		Organismal	3/3			
		Evol & Ecol	3/3			
UC San Diego (12)	Q	Cell	3/1 (rec)	Chem		
		Multicell Life	3/1 (rec)	Chem		
		Organis & Evol Bio	3/1			
Santa Barbara (13)	Q	Intro Bio I	4/3	Chem (co)		
		Intro Bio II	3/3	Chem (pre)		
		Organis & Evol	3/1			
Santa Cruz (?)	Q	Cell and Molec				Exper Bio Lab Req
		Devel & Physiol				
		Ecol & Evol				

LOWER DIVISION CORE TIME REQUIREMENT

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Northridge	Sacramento (+ prin)	Riverside
Pomona (very weird)	San Luis Obispo (+ prin and micro)	UC San Diego
CS San Diego	San Jose (+ cell)	Santa Cruz
San Francisco	Stanislaus	
Berkeley		
Davis		
Santa Barbara		

CHEMISTRY PREREQUISITES

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