CALIFORNIA STATE UNIVERSITY EAST BAY

Academic Roadmap

Department of: Chemistry & Biochemistry
BA in: Chemistry
Option in: _____

YEAR 1 (0 – 45 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	Freshman Cluster:		Freshman Cluster:		Freshman Cluster:		GE: General Elective ME: Major Elective
	CHEM 1101 Gen Chem I	(5)	CHEM 1102 Gen Chem II	(5)	CHEM 1103 Gen Chem III	(5)	
	MATH 1304 Calculus I	(4)	MATH 1305 Calculus II	(4)	CS 1020 Intro Computers or CS 1080 Intro Media Comput or CS 1160 Intro CS	(4) (4) (4)	
	GE:		GE:		GE:		
	TOTAL UNITS		TOTAL UNITS		TOTAL UNITS		
					TOTAL UNITS FOR YEAR		

Year 1 (0 – 45 units)

You should . . .

Complete your Freshman Cluster Classes

and consider . . .

Taking General Education courses

CALIFORNIA STATE UNIVERSITY EAST BAY

YEAR 2 (46 - 90 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	CHEM 3301 Org Chem I	(5)	CHEM 3302 Org Chem II	(5)	CHEM 3303 Org Chem III	(5)	GE: General Elective ME: Major Elective Lower Division: 44 units
	PHYS 2701 Intro Physics I	(4)	PHYS 2702 Intro Physics II	(4)	PHYS 2703 Intro Physics III	(4)	
	CHEM 2200 Quant Analysis	(5)					
	GE:		GE:		GE:		
	TOTAL UNITS		TOTAL UNITS		TOTAL UNITS		
					TOTAL UNITS FOR YEAR		

Year 2 (46– 90 units)

You should . . .

Complete areas A1-A4
Complete lower division GE requirements
Complete English 1002
Declare a major
Meet with your major advisor
Meet with an AACE advisor

and consider . . .

Attend “Strictly Sophomores”
Apply to CSSP or summer internship
Explore student organizations
Explore leadership opportunities

CALIFORNIA STATE UNIVERSITY EAST BAY

YEAR 3 (91 – 135 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	CHEM 3501 Biophys Chem or CHEM 3511 Physical Chem	(4) (3)			CHEM 3200 Bioanalyt Forensic Instrumentation	(4)	GE: General Elective ME: Major Elective Upper Division: 40 units
	CHEM 3400 Intro Biochem	(4)	ME:		ME:		
	ME:		GE:		GE:		
	GE:						
	TOTAL UNITS		TOTAL UNITS		TOTAL UNITS		
					TOTAL UNITS FOR YEAR		

Year 3 (91– 135units)

You should . . .

Take the Writing Skills Test in fall quarter
Enroll in ENGL 3000 if needed
Complete at least one upper division GE requirement

and consider . . .

Meet with your major advisor
Meet with AACE advisor
Attend the Graduate School Fair
Seek leadership opportunities in a club or student government

CALIFORNIA STATE UNIVERSITY EAST BAY

YEAR 4 (136 – 180 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	ME:		ME:		ME:		GE: General Elective ME: Major Elective
					CHEM 4700 Survey Chem Lit	(2)	Major Electives (3-4 courses, 11 units): CHEM 4161 (3), CHEM 4240 (4), CHEM 4311 (4), CHEM 4601 (4), CHEM 4602 (4), CHEM 4810 (2), CHEM 4900 (1-4).
	GE:		GE:		GE:		
	TOTAL UNITS		TOTAL UNITS		TOTAL UNITS		*No more than four units total of CHEM 4810 + CHEM 4900 may be applied towards the degree.*
	TOTAL UNITS FOR YEAR						

Year 4 (136 – 180 units)

You should . . .

File for graduation
Complete upper division GE requirements
Take Major Requirement Electives (ME)

and consider . . .

Meet with major advisor
Meet with AACE advisor
Attend a Career Fair
Attend the Graduate School Fair
Conduct information interviews in your field

TOTAL UNITS ON PLAN	
MAJOR UNITS	
FRESHMAN CLUSTER UNITS	
GENERAL EDUCATION UNITS	
UNRESTRICTED ELECTIVE UNITS	