CALIFORNIA STATE UNIVERSITY
EAST BAY

Academic Roadmap

Department of Biology
BS in Biological Sciences
Physiology (w/ 3300 Chem series)

YEAR 1 (0 – 45 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	Biol 1401	**5**	**Biol 1402**	**5**	**Biol 1403**	**5**	
	Chem 1101	**5**	**Chem 1102**	**5**	**Chem 1103**	**5**	
	TOTAL UNITS	10	TOTAL UNITS	10	TOTAL UNITS	10	
					TOTAL UNITS FOR YEAR	30	

Year 1 (0 – 45 units)

You should . . .

Complete your lower division biology and general chemistry courses

and consider . . .

[1] Prerequisite for Math 1300 but does not count towards the BS in Biological Sciences

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YEAR 2 (46 - 90 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	1. Biol 3121 (F, W, S); 2. Biol 3151 (F, S); 3. Biol 3110 (F, S) *OR* Biol 3130 (W, S)					**13**	
	Chem 3301	**5**	**Chem 3302**	**5**	**Chem 3303**	**5**	
	Math 1130[1]	**4**	**Math 1300**[1]	**4**	**Math 1304**	**4**	
	TOTAL UNITS	9-14	TOTAL UNITS	9-14	TOTAL UNITS	9-14	
					TOTAL UNITS FOR YEAR	40	

[1] *Math 1130 is a prerequisite for Math 1300. Math 1300 is a prerequisite for Math 1304. Neither count towards the BS in Biological Sciences option in Physiology but one can count as GE B4.*

Year 2 (46– 90 units)

You should . . .

- Complete biology principles courses
- 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

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YEAR 3 (91 – 135 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	Phys 2701	**4**	**Phys 2702**	**4**	**Phys 2703**	**4**	
	Chem 3400 or 4411	**4**	**Concentration course**	**4-8**	**Concentration course**	**4-8**	
	Stat 3031	**4**					
	TOTAL UNITS	12	TOTAL UNITS	8-12	TOTAL UNITS	8-12	
					TOTAL UNITS FOR YEAR	28-36	

Year 3 (91– 135units)

You should . . .

Complete at least two biology courses that count as physiology concentration courses
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

[1] *Prerequisite for Math 1300 but does not count towards the BS in Biological Sciences*

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YEAR 4 (136 – 180 UNITS)	FALL	UNITS	WINTER	UNITS	SPRING	UNITS	NOTES
	Concentration course	**0-8**	**Upper Div. Elective**	**4-8**	**Upper Div. Elective**	**0-8**	
	TOTAL UNITS	0-8	TOTAL UNITS	4-8	TOTAL UNITS	0-8	
					TOTAL UNITS FOR YEAR	4-24	

Year 4 (136 – 180 units)

You should . . .

Complete physiology concentration courses and biology upper division electives
File for graduation
Complete upper division GE requirements

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	107
FRESHMAN CLUSTER UNITS	
GENERAL EDUCATION UNITS	
UNRESTRICTED ELECTIVE UNITS	

[1] *Prerequisite for Math 1300 but does not count towards the BS in Biological Sciences*

updated January 14, 2014