

**BIOLOGY**

Computerized prerequisite verification is required to enroll in Biology.

**BIO 1A Cell and Molecular Biology**

Examines in-depth the molecular mechanisms of cell function. Prerequisite: CHEM 1A. Hybrid Requisite: Completion of or concurrent enrollment in BIO 201.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
74173	MW	09:30AM-10:50AM	5.00	Y.Tan	615
&	MW	11:15AM-02:20PM		Y.Tan	627

Completion of or concurrent enrollment in BIO 201 is required.

**BIO 1B Animal Diversity and Evolutionary Principles**

Introduces principles of evolutionary biology, and examines their application in a survey of important animal clades. Prerequisite: MATH 152. Hybrid Requisite: Completion of or concurrent enrollment in BIO 201.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
74174	TTH	08:00AM-09:20AM	5.00	A.Gong	612
&	TTH	09:30AM-12:35PM		A.Gong	623

Completion of or concurrent enrollment in BIO 201 is required.

**BIO 1C Plant Biology and Ecological Principles**

Presents an in-depth exploration of diversity in photosynthetic protist, plant and fungal form and function, and introduces students to principles of ecology. Prerequisite: MATH 152. Hybrid Requisite: Completion of or concurrent enrollment in BIO 201.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
74175	MW	09:30AM-10:50AM	5.00	N.Crane	618
&	MW	11:30AM-02:35PM		N.Crane	618

Completion of or concurrent enrollment in BIO 201 is required. An all day field trip on Saturday, 4/21 is required.

**BIO 4 Human Anatomy**

Presents the gross structure of the organ systems of the human body through lecture, demonstrations, and dissection. Hybrid Requisite: Completion of or concurrent enrollment in BIO 201. Recommended Preparation: MA 70 and MA 170B.

*Transfer Credit:* CSU; UC with limits: BIO 4 combined with BIO 5 and 13A + 13AL-- maximum credit: 2 courses.

Section	Days	Times	Units	Instructor	Room
74179	MW	12:40PM-02:00PM	4.00	R.Mc Farland	615
&	M	09:30AM-12:35PM		R.Mc Farland	623
Completion of or concurrent enrollment in BIO 201 is required.					
74180	MW	12:40PM-02:00PM	4.00	R.Mc Farland	615
&	M	02:30PM-05:35PM		S.Barth	623
Completion of or concurrent enrollment in BIO 201 is required.					
74181	MW	12:40PM-02:00PM	4.00	R.Mc Farland	615
&	W	09:30AM-12:35PM		R.Mc Farland	623
Completion of or concurrent enrollment in BIO 201 is required.					
74182	TTH	12:40PM-02:00PM	4.00	C.Hoffman	612
&	T	02:30PM-05:35PM		C.Hoffman	623
Completion of or concurrent enrollment in BIO 201 is required.					
74183	TTH	12:40PM-02:00PM	4.00	C.Hoffman	612
&	TH	02:30PM-05:35PM		P.D'Arcey	623
Completion of or concurrent enrollment in BIO 201 is required.					
74184	T	06:00PM-09:05PM	4.00	P.D'Arcey	615

& W 02:30PM-05:35PM R.Abu-Shumays 623  
**Completion of or concurrent enrollment in BIO 201 is required.**

74185 T 06:00PM-09:05PM 4.00 P.D'Arcey 615  
 & W 06:00PM-09:05PM S.Barth 623

**Completion of or concurrent enrollment in BIO 201 is required.**

74186 T 06:00PM-09:05PM 4.00 P.D'Arcey 615  
 & F 09:00AM-12:05PM S.Barth 623

**Completion of or concurrent enrollment in BIO 201 is required.**

**BIO 4A Human Anatomy Coordinated Studies**

Provides an enrichment program in anatomy, to be taken concurrently with BIO 4. Corequisite: BIO 4. Pass/No Pass grading only.

*Transfer Credit:* CSU.

Section	Days	Times	Units	Instructor	Room
74187	Arr.	Arr.	1.00	C.Hoffman	623

3 hr 5 min arranged per week.

**BIO 5 Human Physiology**

Presents an exploration of the functions of the various physiological systems and their underlying chemical basis. Prerequisite: CHEM 2 taken at college or CHEM 30A or CHEM 32. Recommended Preparation: BIO 4.

*Transfer Credit:* CSU; UC with limits: BIO 5 combined with BIO 4 and 13A + 13AL: maximum credit-2 courses

Section	Days	Times	Units	Instructor	Room
74188	TTH	08:00AM-09:20AM	4.00	R.Mc Farland	615
&	T	09:30AM-12:35PM		R.Mc Farland	618
74189	TTH	08:00AM-09:20AM	4.00	R.Mc Farland	615
&	TH	09:30AM-12:35PM		R.Mc Farland	618
74190	MW	09:30AM-10:50AM	4.00	D.Lim	WatA150
&	M	11:30AM-02:35PM		D.Lim	WatA320
74191	MW	09:30AM-10:50AM	4.00	D.Lim	WatA150
&	W	11:30AM-02:35PM		D.Lim	WatA320
74192	W	06:00PM-09:05PM	4.00	C.Hoffman	615
&	TH	02:30PM-05:35PM		C.Hoffman	618
74193	W	06:00PM-09:05PM	4.00	C.Hoffman	615
&	TH	06:00PM-09:05PM		STAFF	618
74194	W	06:00PM-09:05PM	4.00	C.Hoffman	615
&	F	09:00AM-12:05PM		C.Hoffman	618

**BIO 6 Microbiology**

Presents a survey covering cell structure metabolism, molecular genetics and growth, control and the role of microorganisms in infectious diseases. Prerequisite: CHEM 2 taken at college or CHEM 30A or CHEM 32. Hybrid Requisite: Completion of or concurrent enrollment in BIO 201. Recommended Preparation: BIO 4.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
74195	TTH	09:30AM-10:50AM	4.00	D.Lim	615
&	TTH	11:10AM-12:30PM		D.Lim	627
74196	TTH	09:30AM-10:50AM	4.00	D.Lim	615
&	TTH	12:45PM-02:05PM		D.Lim	627
74197	TTH	04:00PM-05:20PM	4.00	Y.Tan	612
&	TTH	02:15PM-03:35PM		Y.Tan	627
74198	TTH	04:00PM-05:20PM	4.00	Y.Tan	612
&	TTH	05:30PM-06:50PM		Y.Tan	627

**Completion of or concurrent enrollment in BIO 201 is required.**

Ⓞ/Ⓟ indicate open entry classes—open through the 12<sup>th</sup> week of instruction; 🗒 indicate writing factor classes; 🏆 Honors classes; 🌍 indicate multicultural classes; 🧘 indicate health and wellness classes; 📺 some sections of this course are taught in a distance education format.

## Cabrillo College *Schedule of Classes* – Spring, 2012

### BIO 11A General Biology

Presents an introduction to the world of living things. Hybrid Requisite: Completion of or concurrent enrollment in BIO 201.

*Transfer Credit:* CSU; UC with conditions: No credit if taken after Biology 1A, 1B or 1C.

Section	Days	Times	Units	Instructor	Room
74166	MW	11:10AM-12:30PM	4.00	H.Benton	615
&	F	09:30AM-12:35PM		H.Benton	627
74167	MW	11:10AM-12:30PM	4.00	H.Benton	615
&	F	12:45PM-03:50PM		H.Benton	627
74168	MW	06:00PM-09:05PM	4.00	D.Bard	WatA320

Completion of or concurrent enrollment in BIO 201 is required.

### BIO 11B Marine Biology

Explore the local ocean habitats and marine organisms of the Monterey Bay National Marine Sanctuary.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
74169	TTH	11:10AM-12:30PM	4.00	N.Crane	615
&	T	01:00PM-04:05PM		N.Crane	618
74170	TTH	11:10AM-12:30PM	4.00	N.Crane	615
&	W	02:30PM-05:35PM		A.Gong	627

#### Related Classes:

ES 10 Introduction to Environmental Science

OCEAN 10 Introduction to Oceanography

### BIO 11C Ecology

Covers factors influencing distribution, abundance, and evolution of organisms. For Biology and Environmental Studies majors. Hybrid Requisite: Concurrent enrollment in or completion of BIO 201. Recommended Preparation: Eligibility for MATH 154.

*Transfer Credit:* CSU; UC.

Section	Days	Times	Units	Instructor	Room
75571	TTH	09:30AM-10:50AM	5.00	H.Nevins	HORT5005
&	F	09:00AM-03:40PM		H.Nevins	HORT5005

### BIO 13A Biology of People-Anatomy and Physiology

Presents a survey of the integration of structure and function of the most wonderful of machines, the human body. Not open to students who have taken BIO 4 or BIO 5.

*Transfer Credit:* CSU; UC with limits: BIO 13A + 13AL combined with BIO 4 and 5- maximum credit- 2 courses.

Section	Days	Times	Units	Instructor	Room
74171	TTH	09:30AM-10:50AM	3.00	Y.Tan	612

### BIO 13AL Biology of People-Anatomy & Physiology Lab

Presents a human anatomy and physiology laboratory course designed to accompany BIO 13A. Hybrid Requisite: Completion of or concurrent enrollment in BIO 13A, BIO 201.

*Transfer Credit:* CSU; UC with limits: BIO 13A + 13AL combined with BIO 4 and 5-maximum credit-2 courses.

Section	Days	Times	Units	Instructor	Room
74172	M	02:30PM-05:35PM	1.00	PD'Arcey	627

Completion of or concurrent enrollment in BIO 201 is required.

### BIO 201 Introduction to the Microscope

Introduces proper use and handling of light compound and dissection microscopes. Pass/No Pass grading only.

Section	Days	Times	Units	Instructor	Room
75573	T	08:00AM-12:10PM	0.25	C.Hoffman	627
Meets the week before classes start, Tuesday 1/31 only.					
75574	W	08:00AM-12:10PM	0.25	Y.Tan	627
Meets the week before classes start, Wednesday 2/1 only.					
75575	W	01:00PM-05:10PM	0.25	Y.Tan	627
Meets the week before classes start, Wednesday 2/1 only.					
75576	TH	08:00AM-12:10PM	0.25	P.D'Arcey	627
Meets the week before classes start, Thursday 2/2 only.					
75577	F	08:00AM-12:10PM	0.25	S.Barth	627
Meets the week before classes start, Friday 2/3 only.					
75578	F	01:00PM-05:10PM	0.25	S.Barth	627
Meets the week before classes start, Friday 2/3 only.					
75579	S	08:00AM-12:10PM	0.25	D.Bard	623
Meets the week before classes start, Saturday 2/4 only.					
75580	S	08:00AM-12:10PM	0.25	R.Mc Farland	627
Meets the week before classes start, Saturday 2/4 only.					
75581	S	01:00PM-05:10PM	0.25	D.Bard	627
Meets the week before classes start, Saturday 2/4 only.					
75582	SU	08:00AM-12:10PM	0.25	D.Bard	623
Meets the week before classes start, Sunday 2/5 only.					
75583	SU	01:00PM-05:10PM	0.25	D.Bard	627
Meets the week before classes start, Sunday 2/5 only.					
75584	S	08:00AM-12:10PM	0.25	C.Hoffman	627
Meets Saturday 2/11 only. Instructor permission to enroll. Students may not enroll in this section before classes begin.					
75585	S	01:00PM-05:10PM	0.25	H.Nevins	627
Meets Saturday 2/11 only. Instructor permission to enroll. Students may not enroll in this section before classes begin.					
75586	SU	08:00AM-12:10PM	0.25	S.Barth	627
Meets Sunday 2/12 only. Instructor permission to enroll. Students may not enroll in this section before classes begin.					