

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
65093	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
65094	TTH	08:00AM-09:20AM	5.00	J.Carothers	612
&	TTH	09:30AM-12:35PM		Carothers/Nevins	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
65095	MW	09:30AM-10:50AM	5.00	N.Crane	618
&	MW	12:00PM-03:05PM		N.Crane	618

Completion of or concurrent enrollment in BIO 201 is required. An all day field trip on Saturday, 4/24 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
65098	MW	12:40PM-02:00PM	4.00	C.Hoffman	615
&	M	09:30AM-12:35PM		C.Hoffman	623

Completion of or concurrent enrollment in BIO 201 is required.

65099	MW	12:40PM-02:00PM	4.00	C.Hoffman	615
&	M	02:30PM-05:35PM		P.D'Arcey	623

Completion of or concurrent enrollment in BIO 201 is required.

65100	MW	12:40PM-02:00PM	4.00	C.Hoffman	615
&	W	09:30AM-12:35PM		C.Hoffman	623

Completion of or concurrent enrollment in BIO 201 is required.

65101	TTH	12:40PM-02:00PM	4.00	M.Edgehouse	612
&	T	02:30PM-05:35PM		M.Edgehouse	623

Completion of or concurrent enrollment in BIO 201 is required.

65102	TTH	12:40PM-02:00PM	4.00	M.Edgehouse	612
&	TH	02:30PM-05:35PM		P.D'Arcey	623

Completion of or concurrent enrollment in BIO 201 is required.

65103	T	06:00PM-09:05PM	4.00	R.Mc Farland	615
&	W	02:30PM-05:35PM		C.Hoffman	623

Completion of or concurrent enrollment in BIO 201 is required.

65104	T	06:00PM-09:05PM	4.00	R.Mc Farland	615
&	W	06:00PM-09:05PM		H.Benton	623

Completion of or concurrent enrollment in BIO 201 is required.

65105	T	06:00PM-09:05PM	4.00	R.Mc Farland	615
&	F	09:00AM-12:05PM		STAFF	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
65107	Arr.	Arr.	1.00	R.Mc Farland	623

3 hr 5 min arranged per week.

Cabrillo College *Schedule of Classes* – Spring 2010

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
65108 &	TTH T	08:00AM-09:20AM 09:30AM-12:35PM	4.00	C.Hoffman C.Hoffman	615 618
65109 &	TTH TH	08:00AM-09:20AM 09:30AM-12:35PM	4.00	C.Hoffman M.Edgehouse	615 618
65110 &	MW M	09:30AM-10:50AM 11:30AM-02:35PM	4.00	R.Mc Farland R.Mc Farland	Wat4350 Wat4520
65111 &	MW W	09:30AM-10:50AM 11:30AM-02:35PM	4.00	R.Mc Farland R.Mc Farland	Wat4350 Wat4520
65112 &	W TH	06:00PM-09:05PM 02:30PM-05:35PM	4.00	D.Lim H.Benton	615 618
65113 &	W TH	06:00PM-09:05PM 06:00PM-09:05PM	4.00	D.Lim H.Benton	615 618
65114 &	W F	06:00PM-09:05PM 09:00AM-12:05PM	4.00	D.Lim D.Lim	615 618

BIO 6 Microbiology

Presents a survey of microbiology covering cell structure, metabolism, molecular genetics, growth and control of microorganisms, and their role in infectious disease. Prerequisite: CHEM 2 taken at college or CHEM 30A or CHEM 32. Corequisite: BIO 201.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
65115 &	TTH TTH	09:30AM-10:50AM 11:10AM-12:30PM	4.00	D.Lim D.Lim	615 627
65116 &	TTH TTH	09:30AM-10:50AM 12:45PM-02:05PM	4.00	D.Lim D.Lim	615 627
65117 &	TTH TTH	04:00PM-05:20PM 02:15PM-03:35PM	4.00	Y.Tan Y.Tan	612 627
65118 &	TTH TTH	04:00PM-05:20PM 05:30PM-06:50PM	4.00	Y.Tan Y.Tan	612 627

Completion of or concurrent enrollment in BIO 201 is required.

BIO 7 Head and Neck Anatomy and Embryology

Covers the skeletal, muscular, vascular and neuroanatomy of the head and neck, emphasizing aspects useful for dental hygiene students. Prerequisite: BIO 4.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
65119 &	Arr. S	Arr. 09:00AM-03:40PM	2.00	Mc Farland/Edgehouse Mc Farland/Edgehouse	OL 618

Section 65119 is a hybrid ONLINE course; the lecture is ONLINE. The lab is taught on four Saturdays 2/27, 3/20, 4/24, and 5/15 from 9:00AM-3:40PM, Room 618. The instructor will contact registered students by e-mail before the first lab date. Mandatory meeting on Friday, 2/19 from 2:00PM-5:00PM in Room 618.

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 BIO 1A, 1B or 1C.

Section	Days	Times	Units	Instructor	Room
65085 &	MW M	11:10AM-12:30PM 08:00AM-11:05AM	4.00	M.Edgehouse M.Edgehouse	615 627
65086 &	MW W	11:10AM-12:30PM 08:00AM-11:05AM	4.00	M.Edgehouse M.Edgehouse	615 627
65087	MW	06:00PM-09:05PM	4.00	D.Bard	Wat4520

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
65088 &	TTH T	11:10AM-12:30PM 01:00PM-04:05PM	4.00	N.Crane N.Crane	615 618
65089 &	TTH W	11:10AM-12:30PM 02:30PM-05:35PM	4.00	N.Crane H.Nevins	615 627

Related Classes:

ES 10 Introduction to Environmental Science

OCEAN 10 Introduction to Oceanography

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
65090	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 and 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
65091	F	09:00AM-12:05PM	1.00	P.D'Arcey	627

Completion of or concurrent enrollment in BIO 201 is required.

BIO 15C Natural History of Western America

Extensive field experience, including biology of deserts, mountains, islands, tropical forests. Repeatability: May be taken 2 times.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
65092	F	01:00PM-03:50PM	2.00	J.Carothers	615
&	SU-S	08:00AM-05:15PM		J.Carothers	OFFCAM

Meets Fridays 2/19, 3/12 and 4/30 from 1:00PM-3:50PM in Room 615, and in the field the week of spring break, 3/28-4/3, at Granite Mountains Reserve, Mojave Desert. Mandatory orientation Friday 2/19. Campground fees are payable in advance. Instructor permission required before registering or getting waitlisted. For details, e-mail the instructor at jocaroth@cabrillo.edu.

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
66505	W	08:00AM-05:15PM	0.50	C.Hoffman	627
Meets the week before classes start, Wednesday 2/3 only.					
66506	W	08:00AM-05:15PM	0.50	J.Carothers	623
Meets the week before classes start, Wednesday 2/3 only.					
66507	W	08:00AM-05:15PM	0.50	P.D'Arcey	618
Meets the week before classes start, Wednesday 2/3 only.					
66508	TH	08:00AM-05:15PM	0.50	J.Carothers	623
Meets the week before classes start, Thursday 2/4 only.					
66509	TH	08:00AM-05:15PM	0.50	D.Bard	Wat4520
Meets the week before classes start, Thursday 2/4 only.					
66510	TH	08:00AM-05:15PM	0.50	H.Benton	618
Meets the week before classes start, Thursday 2/4 only.					
66512	S	08:00AM-05:15PM	0.50	J.Carothers	623
Meets the week before classes start, Saturday 2/6 only.					
66511	S	08:00AM-05:15PM	0.50	D.Lim	618
Meets the week before classes start, Saturday 2/6 only.					
66513	S	08:00AM-05:15PM	0.50	Y.Tan	627
Meets the week before classes start, Saturday 2/6 only.					
65096	S	08:00AM-05:15PM	0.50	J.Carothers	623
Meets Saturday 2/13 only. Instructor permission to enroll.					
65097	S	08:00AM-05:15PM	0.50	H.Nevins	618
Meets Saturday 2/13 only. Instructor permission to enroll.					
66514	SU	08:00AM-05:15PM	0.50	J.Carothers	623
Meets the week before classes start, Sunday 2/7 only.					
66515	SU	08:00AM-05:15PM	0.50	P.D'Arcey	618
Meets the week before classes start, Sunday 2/7 only.					