

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D						
Biology																	
BIOL 104 Biology: Contemporary Topics 3 Units																	
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.																	
A general biology lecture course for non-majors which will cover basic life processes and address contemporary issues in biology. Biological principles covered will include chemical foundations of biology, cell structure and function, cell reproduction, and genetics. Contemporary issues may include such areas as public health, biotechnology, and environmental science. 54 lecture hours.* CSU UC																	
20244	Lee, M.	MW	09:55 AM-11:20 AM	PS 113	08/29-12/19	20581	Goodman, R.	R	11:30 AM-02:40 PM	LS 117	08/29-12/19						
20294	Hester, D.		HRS-ARRG		08/29-12/19	Lab section only. Lecture section also required. 20583 Hollenshead, M. R 11:30 AM-02:40 PM LS 118 08/29-12/19 Lab section only. Lecture section also required. 20608 Mondrala, S. R 02:50 PM-06:00 PM LS 117 08/29-12/19 Lab section only. Lecture section also required. 20618 Dingwall, S. R 02:50 PM-06:00 PM LS 118 08/29-12/19 Lab section only. Lecture section also required. 20628 Mondrala, S. R 07:00 PM-10:10 PM LS 117 08/29-12/19 Lab section only. Lecture section also required. 20634 Fowler, J. R 07:00 PM-10:10 PM LS 118 08/29-12/19 Lab section only. Lecture section also required. 20263 Mondrala, S. HRS-ARRG 08/29-12/19 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de. Lecture section only. Lab section also required.											
BIOL 105 General Biology 4 Units						BIOL 125 Principles of Biology II 5 Units											
Strongly recommended: MATH 130, high school biology, or chemistry. Also, READ 099 if required by reading placement exam or if required by reading level.																	
A general biology course, lecture and laboratory, for non-majors, with emphasis upon molecular biology, cell structure and function, energy relationships, nutrient processing, reproduction and development, genetics and evolution, ecological interrelationships, and discussion of contemporary issues. The laboratory provides the student with expanded first-hand experience in specific areas of course content. 54 lecture hours, 54 lab hours. CSU UC																	
20218	Johansen, G.	MW	08:20 AM-09:45 AM	LH 101	08/29-12/19	Prerequisite: MATH 150. A principles of biology course designed for biology majors and pre-med students. Detailed study of the structure and function of living material, with emphasis on the diversity of living material, animal and plant form, function, reproduction and development, evolution, and ecological relationships. 72 lecture hours, 54 lab hours. CSU UC 20647 Hester, D. MW 09:15 AM-11:20 AM PS 211 08/29-12/19 Lecture section only. Lab section also required. 20654 Hester, D. M 11:30 AM-02:40 PM LS 118 08/29-12/19 Lab section only. Lecture section also required.											
20221	Kondo, A.	MW	09:55 AM-11:20 AM	LH 101	08/29-12/19	BIOL 145 Environmental Science 3 Units											
20238	Mondrala, S.	MW	11:30 AM-12:55 PM	LH 101	08/29-12/19	Strongly recommended: BIOL 104 or 105.											
20249	Mondrala, S.	MW	01:05 PM-02:30 PM	LH 101	08/29-12/19	Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.											
20257	Han, J.	MW	03:50 PM-05:15 PM	LH 101	08/29-12/19	A lecture course exploring contemporary global environmental concerns. Basic concepts covered will include the Earth's life support systems, population dynamics, environmental pollution, food production, and natural resource utilization. Emphasis will be placed on recognizing global environmental problems and exploring various solutions for them. 54 lecture hours. CSU UC											
20307	Hollenshead, M.	TR	08:20 AM-09:45 AM	LH 101	08/29-12/19	20861	Goodman, R.	MW	09:55 AM-11:20 AM	LH 103	08/29-12/19						
20311	Hollenshead, M.	TR	09:55 AM-11:20 AM	LH 101	08/29-12/19	20670	Goodman, R.		HRS-ARRG		08/29-12/19						
20346	Han, J.	TR	11:30 AM-12:55 PM	LH 101	08/29-12/19	DISTANCE EDUCATION After registering go to www.citruscollege.edu/de											
20245	Han, J.	TR	01:05 PM-02:30 PM	LH 101	08/29-12/19	BIOL 200 Human Anatomy 4 Units											
Prerequisite: BIOL 105.																	
Biology 200 is a lecture/laboratory course in human anatomy focusing on the structures and organs of the human body. Students will be required to learn and understand the structures from the molecular to gross levels, using the microscope, standard anatomical (plastic) models, and preserved specimens (sheep heart, sheep brain, and cat). Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU UC																	
20289	Hester, D.	T	07:00 PM-10:10 PM	LH 101	08/29-12/19	20207	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	08/29-12/19						
22063	Kondo, A.	W	07:00 PM-10:10 PM	LH 101	08/29-12/19	Lecture section only. Lab section also required.											
20454	Mondrala, S.	T	08:10 AM-11:20 AM	LS 117	08/29-12/19	20211	Goodman, R.	T	11:30 AM-02:40 PM	LS 115	08/29-12/19						
20459	Johansen, G.	T	08:10 AM-11:20 AM	LS 118	08/29-12/19	Lab section only. Lecture section also required.											
20468	Hester, D.	T	11:30 AM-02:40 PM	LS 118	08/29-12/19	20216	Pires, M.	W	08:10 AM-11:20 AM	LS 115	08/29-12/19						
20476	Dingwall, S.	T	11:30 AM-02:40 PM	LS 117	08/29-12/19	Lab section only. Lecture section also required.											
20479	Mondrala, S.	T	02:50 PM-06:00 PM	LS 117	08/29-12/19	20222	Kondo, A.	W	03:40 PM-06:50 PM	LS 115	08/29-12/19						
20493	Fowler, J.	T	02:50 PM-06:00 PM	LS 118	08/29-12/19	Lab section only. Lecture section also required.											
20499	Shimano, B.	T	07:00 PM-10:10 PM	LS 117	08/29-12/19	21659	Mondrala, S.	R	11:30 AM-02:40 PM	LS 115	08/29-12/19						
21503	Garner, J.	T	07:00 PM-10:10 PM	LS 118	08/29-12/19	Lab section only. Lecture section also required.											
20507	Mondrala, S.	W	08:10 AM-11:20 AM	LS 117	08/29-12/19	BIOL 201 Physiology 4 Units											
20514	Goodman, R.	W	11:30 AM-02:40 PM	LS 117	08/29-12/19	Prerequisite: BIOL 200 and CHEM 103.											
20531	Hester, D.	W	11:30 AM-02:40 PM	LS 118	08/29-12/19	An advanced course in human physiology emphasizing muscle, nerve, circulation, respiration, excretion, digestion, and reproduction systems. Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU UC											
20541	Purves, D.	W	02:50 PM-06:00 PM	LS 117	08/29-12/19	21006	Kondo, A.	TR	11:30 AM-12:55 PM	LH 102	08/29-12/19						
20546	McCabe, D.	W	02:50 PM-06:00 PM	LS 118	08/29-12/19	Lecture section only. Lab section also required.											
20560	Burkemper, B.	W	07:00 PM-10:10 PM	LS 117	08/29-12/19	21109	Kondo, A.	T	08:10 AM-11:20 AM	LS 116	08/29-12/19						
20569	McCabe, D.	W	07:00 PM-10:10 PM	LS 118	08/29-12/19	Lab section only. Lecture section also required.											
20574	Han, J.	R	08:10 AM-11:20 AM	LS 117	08/29-12/19	21115	Kondo, A.	T	01:05 PM-04:15 PM	LS 116	08/29-12/19						
20578	Johansen, G.	R	08:10 AM-11:20 AM	LS 118	08/29-12/19	Lab section only. Lecture section also required.											
						21700	Kondo, A.	R	08:10 AM-11:20 AM	LS 116	08/29-12/19						
						Lab section only. Lecture section also required.											
						21118	Kondo, A.	R	01:05 PM-04:15 PM	LS 116	08/29-12/19						
						Lab section only. Lecture section also required.											

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BIOL 220 Microbiology **5 Units**

Prerequisite: CHEM 103 or 110 and BIOL 104 or 105.

An introduction to the biology of microorganisms including bacteria, viruses, fungi, and protozoa. Metabolism, genetics, culture methods, identification, and control of common microbes are considered. Emphasis is placed on the virulence mechanisms and control of human pathogens and on the principles of immunology and host defense. Laboratory work includes techniques common to the control, culture, and identification of microbes. Required of pre-nursing students and medical technologists. 54 hours lecture, 108 hours lab. CSU UC

20874 Johansen, G. MW 03:50 PM-05:15 PM LH 102 08/29-12/19

Lecture section only. Lab section also required.

20885 Johansen, G. TR 03:50 PM-05:15 PM LH 102 08/29-12/19

Lecture section only. Lab section also required.

20907 Han, J. MW 11:30 AM-02:40 PM LS 119 08/29-12/19

Lab section only. Lecture section also required.

20925 Han, J. MW 05:25 PM-08:35 PM LS 119 08/29-12/19

Lab section only. Lecture section also required.

20933 Johansen, G. TR 11:30 AM-02:40 PM LS 119 08/29-12/19

Lab section only. Lecture section also required.

21669 Johansen, G. TR 05:25 PM-08:35 PM LS 119 08/29-12/19

Lab section only. Lecture section also required.