

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 102 Human Genetics						3 Units					
Prerequisite: MATH 030. Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. General principles of genetics and reproduction in wellness and disease as applied in humans. Topics include Mendelian inheritance, extensions and exceptions to Mendelian inheritance, multifactorial traits, DNA structure, function, and replication, cell division, population genetics, evolution, immunity, cancer, and genetic technologies. 54 lecture hours. CSU UC 20875 Goedhart, C. HRS-ARRG 08/23-12/14 DISTANCE EDUCATION CLASS After registering to www.citruscollege.edu/de Students required to take exams on campus.											
BIOL 104 Biology: Contemporary Topics						3 Units					
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English 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 21488 Lee, M. MW 09:55 AM-11:20 AM PS 113 08/23-12/14 21489 Lee, M. MW 11:30 AM-12:55 PM LH 103 08/23-12/14 21316 Lee, M. MW 01:05 PM-02:30 PM LH 103 08/23-12/14 21683 Tsark, E. TR 08:20 AM-09:45 AM PS 106 08/23-12/14 20884 Tsark, E. TR 09:55 AM-11:20 AM PS 106 08/23-12/14 20885 Dery, K. M 07:00 PM-10:10 PM LH 103 08/23-12/14											
BIOL 105 General Biology						4 Units					
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030, and high school biology or chemistry. 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 20066 Goodman, R. MW 08:20 AM-09:45 AM LH 103 08/23-12/14 Lecture section only. Lab section also required. 20069 Han, J. MW 09:55 AM-11:20 AM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20079 Kondo, A. MW 11:30 AM-12:55 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20084 Juncosa, B. MW 01:05 PM-02:30 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 21491 Harfouche, Y. MW 03:50 PM-05:15 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20083 Goedhart, C. MW 05:25 PM-06:50 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20106 Han, J. TR 08:20 AM-09:45 AM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20110 Goedhart, C. TR 09:55 AM-11:20 AM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20119 Goedhart, C. TR 11:30 AM-12:55 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 21258 Juncosa, B. TR 01:05 PM-02:30 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 21492 Montes, M. TR 03:50 PM-05:15 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20809 Goedhart, C. TR 05:25 PM-06:50 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 21069 Goedhart, C. M 07:00 PM-10:10 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20098 Montes, M. T 07:00 PM-10:10 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 20886 Harfouche, Y. W 07:00 PM-10:10 PM LH 101 08/23-12/14 Lecture section only. Lab section also required. 21493 Anderson-McGill, T. M 08:10 AM-11:20 AM LS 117 08/23-12/14 Lab section only. Lecture section also required. 21494 Villeneuve, L. M 08:10 AM-11:20 AM LS 118 08/23-12/14 Lab section only. Lecture section also required. 21495 Anderson-McGill, T. M 11:30 AM-02:40 PM LS 117 08/23-12/14 Lab section only. Lecture section also required.											
						BIOL 124 Principles of Biology I					
5 Units Prerequisite: MATH 150. A principles of biology course designed for biology majors and pre-med students. Detailed study of basic structure and function of living material, with emphasis on cell and molecular biology, genetic mechanisms and their control, reproduction and development, evolution. 72 lecture hours, 54 lab hours. CSU UC 21317 Montes, M. MW 06:20 PM-08:25 PM PS 107 08/23-12/14 Lecture section only. Lab section also required. 21318 Montes, M. W 11:30 AM-02:40 PM LS 116 08/23-12/14 Lab section only. Lecture section also required. 21319 Montes, M. W 02:50 PM-06:00 PM LS 116 08/23-12/14 Lab section only. Lecture section also required.											
						BIOL 125 Principles of Biology II					
5 Units 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 20312 Montes, M. MW 09:15 AM-11:20 AM PS 107 08/23-12/14 Lecture section only. Lab section also required. 20318 Montes, M. M 11:30 AM-02:40 PM LS 116 08/23-12/14 Lab section only. Lecture section also required. 21025 Montes, M. M 03:00 PM-06:10 PM LS 116 08/23-12/14 Lab section only. Lecture section also required.											

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BIOL 145 Environmental Science 3 Units

Strongly recommended: BIOL 104 or BIOL 105. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.

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

20440 Goodman, R. MW 09:55 AM-11:20 AM LH 103 08/23-12/14

20328 Goodman, R. HRS-ARRG 08/23-12/14

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

Students required to take exams on campus.

BIOL 200 Human Anatomy 4 Units

Prerequisite: BIOL 105 or BIOL 124.

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

20059 Kondo, A. MW 01:05 PM-02:30 PM LH 102 08/23-12/14

Lecture section only. Lab section also required.

20061 Kondo, A. M 08:10 AM-11:20 AM LS 115 08/23-12/14

Lab section only. Lecture section also required.

20709 Kondo, A. M 02:50 PM-06:00 PM LS 115 08/23-12/14

Lab section only. Lecture section also required.

20064 Kondo, A. W 08:10 AM-11:20 AM LS 115 08/23-12/14

Lab section only. Lecture section also required.

20070 Goodman, R. W 02:50 PM-06:00 PM LS 115 08/23-12/14

Lab section only. Lecture section also required.

BIOL 201 Human Physiology 4 Units

Prerequisites: BIOL 200 and CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.

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

20515 Kondo, A. TR 11:30 AM-12:55 PM LH 102 08/23-12/14

Lecture section only. Lab section also required.

20562 Kondo, A. T 08:10 AM-11:20 AM LS 116 08/23-12/14

Lab section only. Lecture section also required.

20566 Kondo, A. T 01:05 PM-04:15 PM LS 116 08/23-12/14

Lab section only. Lecture section also required.

20720 Kondo, A. R 08:10 AM-11:20 AM LS 116 08/23-12/14

Lab section only. Lecture section also required.

20568 Kondo, A. R 01:05 PM-04:15 PM LS 116 08/23-12/14

Lab section only. Lecture section also required.

BIOL 220 Microbiology 5 Units

Prerequisite: BIOL 104 or BIOL 105 or BIOL 124 and CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.

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 lecture hours, 108 lab hours. CSU UC

20450 Juncosa, B. MW 03:50 PM-05:15 PM LH 102 08/23-12/14

Lecture section only. Lab section CRN 20471 or 20482 also required.

20458 Juncosa, B. TR 03:50 PM-05:15 PM LH 102 08/23-12/14

Lecture section only. Lab section CRN 20485 or 20711 also required.

20471 Han, J. MW 11:30 AM-02:40 PM LS 119 08/23-12/14

Lab section only. Lecture section CRN 20450 also required.

20482 Juncosa, B. MW 05:25 PM-08:35 PM LS 119 08/23-12/14

Lab section only. Lecture section CRN 20450 also required.

20485 Han, J. TR 11:30 AM-02:40 PM LS 119 08/23-12/14

Lab section only. Lecture section CRN 20458 also required.

20711 Juncosa, B. TR 05:25 PM-08:35 PM LS 119 08/23-12/14

Lab section only. Lecture section CRN 20458 also required.