

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
<b>Biology</b>											
<b>BIOL 102 Human Genetics</b>						<b>3 Units</b>					
Prerequisite: MATH 130. Also, 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			08/27-12/17	<b>DISTANCE EDUCATION CLASS After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a>. Students required to take exams on campus in Testing Center.</b>					
<b>BIOL 104 Biology: Contemporary Topics</b>						<b>3 Units</b>					
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											
20883	Lee, M.	MW	09:55 AM-11:20 AM	PC 314	08/27-12/17	20888	McCabe, D.	M	07:00 PM-10:10 PM	LS 117	08/27-12/17
21058	Weaver, P.	TR	03:50 PM-05:15 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
20885	Dery, K.	M	07:00 PM-10:10 PM	LH 103	08/27-12/17	20183	Kapoor, A.	T	08:10 AM-11:20 AM	LS 117	08/27-12/17
20884	Lewis, S.	R	07:00 PM-10:10 PM	LH 103	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
20102	Hester, D.	HRS-ARRG			08/27-12/17	20186	Tsark, E.	T	08:10 AM-11:20 AM	LS 118	08/27-12/17
<b>DISTANCE EDUCATION CLASS After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a>. Students required to take exams on campus in Testing Center.</b>						20197	Goodman, R.	T	11:30 AM-02:40 PM	LS 117	08/27-12/17
<b>BIOL 105 General Biology</b>						<b>4 Units</b>					
Strongly recommended: MATH 130, high school biology, or chemistry. Also, ENGL 099 or READ 099 if required by English placement or if required by English 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											
20066	Goodman, R.	MW	08:20 AM-09:45 AM	LH 103	08/27-12/17	20192	Tsark, E.	T	11:30 AM-02:40 PM	LS 118	08/27-12/17
<b>Lecture section only. Lab section also required.</b>						20199	McCabe, D.	T	02:50 PM-06:00 PM	LS 117	08/27-12/17
20069	Han, J.	MW	09:55 AM-11:20 AM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20207	Lewis, S.	T	02:50 PM-06:00 PM	LS 118	08/27-12/17
20079	Kondo, A.	MW	11:30 AM-12:55 PM	LH 101	08/27-12/17	20212	McCabe, D.	T	07:00 PM-10:10 PM	LS 117	08/27-12/17
<b>Lecture section only. Lab section also required.</b>						<b>Lab section only. Lecture section also required.</b>					
20084	Goedhart, C.	MW	01:05 PM-02:30 PM	LH 101	08/27-12/17	20696	Shimano, B.	T	07:00 PM-10:10 PM	LS 118	08/27-12/17
<b>Lecture section only. Lab section also required.</b>						20216	Tsark, E.	W	08:10 AM-11:20 AM	LS 117	08/27-12/17
20087	Goedhart, C.	MW	03:50 PM-05:15 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20219	Goedhart, C.	W	08:10 AM-11:20 AM	LS 118	08/27-12/17
20083	Goedhart, C.	MW	05:25 PM-06:50 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20876	Goodman, R.	W	11:30 AM-02:40 PM	LS 117	08/27-12/17
20106	Han, J.	TR	08:20 AM-09:45 AM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20230	Lee, M.	W	11:30 AM-02:40 PM	LS 118	08/27-12/17
20110	Goedhart, C.	TR	09:55 AM-11:20 AM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20236	Hollenshead, M.	W	02:50 PM-06:00 PM	LS 117	08/27-12/17
20119	Goedhart, C.	TR	11:30 AM-12:55 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20241	Anderson-McGill, T.	W	02:50 PM-06:00 PM	LS 118	08/27-12/17
21258	Kapoor, A.	TR	01:05 PM-02:30 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20251	Kinney, M.	W	07:00 PM-10:10 PM	LS 117	08/27-12/17
20809	Goedhart, C.	TR	05:25 PM-06:50 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20260	Anderson-McGill, T.	W	07:00 PM-10:10 PM	LS 118	08/27-12/17
21259	Kapoor, A.	F	11:20 AM-02:30 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20264	Villeneuve, L.	R	08:10 AM-11:20 AM	LS 118	08/27-12/17
21069	Goedhart, C.	M	07:00 PM-10:10 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20268	Hollenshead, M.	R	08:10 AM-11:20 AM	LS 117	08/27-12/17
20098	Hester, D.	T	07:00 PM-10:10 PM	LH 101	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20270	Goodman, R.	R	11:30 AM-02:40 PM	LS 117	08/27-12/17
20886	Dingwall, S.	W	07:00 PM-10:10 PM	LH 103	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20271	Villeneuve, L.	R	11:30 AM-02:40 PM	LS 118	08/27-12/17
21260	Kapoor, A.	M	08:00 AM-11:10 AM	LS 117	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lab section only. Lecture section also required.</b>						20289	Kinney, M.	R	02:50 PM-06:00 PM	LS 117	08/27-12/17
21261	Kapoor, A.	M	11:30 AM-02:40 PM	LS 117	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lab section only. Lecture section also required.</b>						20294	Lewis, S.	R	02:50 PM-06:00 PM	LS 118	08/27-12/17
20887	Lee, M.	M	02:50 PM-06:00 PM	LS 117	08/27-12/17	<b>Lab section only. Lecture section also required.</b>					
<b>Lab section only. Lecture section also required.</b>						20299	Kinney, M.	R	07:00 PM-10:10 PM	LS 117	08/27-12/17
						<b>BIOL 125 Principles of Biology II</b>					
						<b>5 Units</b>					
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	Hester, D.	MW	09:15 AM-11:20 AM	PS 113	08/27-12/17	<b>Lecture section only. Lab section also required.</b>					
<b>Lecture section only. Lab section also required.</b>						20318	Hester, D.	M	11:30 AM-02:40 PM	LS 118	08/27-12/17
						<b>Lab section only. Lecture section also required.</b>					
						<b>Lab section only. Lecture section also required.</b>					
						<b>BIOL 145 Environmental Science</b>					
						<b>3 Units</b>					
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	08/27-12/17	<b>DISTANCE EDUCATION CLASS After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a>. Students required to take exams on campus in Testing Center.</b>					
20328	Goodman, R.	HRS-ARRG			08/27-12/17						

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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### 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 08/27-12/17

[Lecture section only.](#) [Lab section also required.](#)

20061 Kondo, A. M 08:10 AM-11:20 AM LS 115 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20709 Kondo, A. M 02:50 PM-06:00 PM LS 115 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20064 Kondo, A. W 08:10 AM-11:20 AM LS 115 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20070 Goodman, R. W 02:50 PM-06:00 PM LS 115 08/27-12/17

[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 08/27-12/17

[Lecture section only.](#) [Lab section also required.](#)

20562 Kondo, A. T 08:10 AM-11:20 AM LS 116 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20566 Kondo, A. T 01:05 PM-04:15 PM LS 116 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20720 Kondo, A. R 08:10 AM-11:20 AM LS 116 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20568 Kondo, A. R 01:05 PM-04:15 PM LS 116 08/27-12/17

[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 Dingwall, S. MW 03:50 PM-05:15 PM LH 102 08/27-12/17

[Lecture section only.](#) [Lab section also required.](#)

20458 Dingwall, S. TR 03:50 PM-05:15 PM LH 102 08/27-12/17

[Lecture section only.](#) [Lab section also required.](#)

20471 Han, J. MW 11:30 AM-02:40 PM LS 119 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20482 Kapoor, A. MW 05:25 PM-08:35 PM LS 119 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20485 Han, J. TR 11:30 AM-02:40 PM LS 119 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)

20711 Weaver, P. TR 05:25 PM-08:35 PM LS 119 08/27-12/17

[Lab section only.](#) [Lecture section also required.](#)