

AUTO – BIOSCI

AUTO 106 MANUAL TRANSMISSIONS, TRANSAXLES AND DRIVETRAINS

Units: 5.00 - CSU, May Be Taken 3 Times

Recommended Preparation: AUTO-101

Presents the principles, theory, operation, and diagnosis of problems and service procedures of clutches, manual transmissions, drivelines, transfer cases, and transaxle assemblies, including non-slip differentials. A \$15 material fee will be charged upon registration, or students may purchase their own safety glasses.

76499 01:00PM-04:30PM MTWTH G. Sornborger SHS-A
10/18/10-12/09/10

This class meets at Saugus High School.

CWE 188AUTO COOPERATIVE WORK EXPERIENCE EDUCATION AUTOMOTIVE TECHNOLOGY

Units: 1.00-4.00 - CSU, Unlimited Repeats

Provides students with the opportunity to apply knowledge and skills gained from college courses in an actual work setting. The work experience may be paid or unpaid. For more information about earning elective units for ongoing work experience or applying for an internship, visit www.canyons.edu/cwee. Maximum 8 units per term and 16 total units.

75944 - S. Wright STCN-123

75945 - S. Wright STCN-123
09/07/10-12/11/10

■ BIOLOGICAL SCIENCE ■

BIOSCI 095 CLEANROOM TECHNOLOGY

Units: 1.00, May Be Taken Once for Credit

Introduces the basic techniques and theory of cleanroom science.

77620 04:00PM-06:00PM M C. Ramey ALLB-218

BIOSCI 100 GENERAL BIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Explores the structure, function, and development of living systems from cells to ecosystems. UC credit limitation: No credit for BIOSCI-100 if taken after BIOSCI-106, 107, 201, 202, 204, 205, 215, 216, 221, or 250.

77553 09:30AM-10:50AM MW K. Jesu ALLH-108
and 11:00AM-02:00PM M BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77550 09:30AM-10:50AM MW K. Jesu ALLH-108
and 11:00AM-02:00PM W BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77555 09:30AM-10:50AM TTH P. Medina-Lopez ALLH-108
and 11:00AM-02:00PM T BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77551 09:30AM-10:50AM TTH P. Medina-Lopez ALLH-108
and 11:00AM-02:00PM TH BYKH-201
Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77544 09:30AM-12:30PM TH G. Nishiyama CCC-310
and 09:30AM-12:30PM T CCC-310

Optional field trip to the Cabrillo Marine Aquarium during the week of November; \$7.00 donation fee plus gas mileage.

CCC This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

77554 11:00AM-12:20PM MW K. Sloan ALLH-108
and 07:45AM-10:50AM M BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77549 11:00AM-12:20PM MW K. Sloan ALLH-108
and 07:45AM-10:45AM W BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77548 12:50PM-02:10PM MW J. Chari CCC-310
and 02:15PM-05:15PM W CCC-310

FYE CLASS. This class is for FYE students. Visit www.canyons.edu/fye for more information. Optional field trip to Towsley Canyon and Los Angeles Zoo during the week of November 1st and 22nd. \$15.00 entrance fee.

CCC This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

77556 01:00PM-02:20PM TTH J. Lobos ALLH-104
and 02:30PM-05:30PM TH BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77547 05:00PM-06:20PM MW S. Crowther ALLH-108
and 06:30PM-09:30PM W BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77546 05:00PM-06:20PM MW S. Crowther ALLH-108
and 06:30PM-09:30PM M BYKH-201

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

77552 06:00PM-07:20PM MW C. Carleton CCC-310
and 06:00PM-09:00PM T CCC-310

Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

CCC This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

77545 - D. Sanver-Wang -
and 05:00PM-08:00PM TH CCC-310

HYBRID CLASS. Mandatory orientation on 8/24 (5:00PM-5:45PM) in CCC-310. First lab immediately follows after. Optional field trip to the Cabrillo Marine Aquarium during the week of November 1st; \$7.00 donation fee plus gas mileage.

CCC This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

BIOSCI 106 ORGANISMAL & ENVIRONMENTAL BIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Introduction to major plant and animal groups and principles of ecology and evolution.

77563 09:30AM-10:50AM MW B. Rose ALLH-101
and 11:00AM-02:00PM W BYKH-205

Optional field trip to Optional field trip to Latigo Shore, Malibu during the week of November 1st; \$12 gas mileage.

77561	09:30AM-10:50AM	MW	B. Rose	ALLH-101
and	11:00AM-02:00PM	M		BYKH-105
	Optional field trip to Latigo Shore, Malibu during the week of November 1st; \$12 gas mileage.			
77567	11:00AM-12:20PM	TTH	J. Chari	ALLH-101
and	07:45AM-10:45AM	TH		BYKH-205
	FIELD STUDIES CLASS. Classes include meetings on campus; field trips; and may require online instruction as a component of the course. The field trip is a weekend to Camp Tahquitz; south of Big Bear on 9/24 to 9/26 (Thursday Lab). Trip replaces 12 on-campus hours. Fee: \$ 41.00 for meals plus gas mileage. Optional field trip to observe tide pools in Latigo Shore, Malibu on November 5th. \$12 gas mileage.			
77557	11:00AM-12:20PM	TTH	J. Chari	ALLH-101
and	07:45AM-10:45AM	T		BYKH-205
	FIELD STUDIES CLASS. Classes include meetings on campus; field trips; and may require online instruction as a component of the course. The field trip is a weekend to Camp Tahquitz; south of Big Bear on 10/8 to 10/10 (Tuesday Lab). Trip replaces 12 on-campus hours. Fee: \$ 41.00 for meals plus gas mileage. Optional field trip to observe tide pools in Latigo Shore, Malibu on November 5th. \$12 gas mileage.			
77560	12:40PM-02:00PM	TTH	P. Gimple	BYKH-105
and	02:15PM-05:15PM	TH		BYKH-205
	Optional field trip to the Cabrillo Marine Aquarium; \$7.00 donation and parking fee during the week of November 1st.			
77559	05:00PM-06:20PM	TTH	T. Anderson-McGill	BYKH-105
and	06:30PM-09:30PM	T		BYKH-205
	Optional field trip to the Cabrillo Marine Aquarium; \$7.00 donation and parking fee during the week of November 1st.			
77558	05:00PM-06:20PM	TTH	T. Anderson-McGill	BYKH-105
and	06:30PM-09:30PM	TH		BYKH-205
	Optional field trip to the Cabrillo Marine Aquarium; \$7.00 donation and parking fee during the week of November 1st.			
77565	11:00AM-11:45AM	TH	A. Foote	BYKH-211
and	08/26/10-08/26/10			
	11:00AM-02:00PM	TH		BYKH-205
	HYBRID Class. Mandatory orientation on 8/26 (11:00AM-11:45AM) on BYKH-211. First lab immediately follows after. Optional field trip to observe tide pools in Latigo Shore, Malibu; \$12.00 gas mileage.			

BIOSCI 107 MOLECULAR AND CELLULAR BIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: MATH-070

Introduces the principles of cellular form and function including: bioenergetics and metabolism, molecular structure and evolution, gene regulation, cellular anatomy and physiology, and the principles of biotechnology.

77581	09:30AM-10:50AM	TTH	K. Cude	ALLH-104
and	11:00AM-02:00PM	T		ALLB-220
77579	09:30AM-10:50AM	TTH	K. Cude	ALLH-104
and	11:00AM-02:00PM	TH		ALLB-220
77584	11:00AM-12:20PM	MW	J. Wolf	ALLH-104
and	07:45AM-10:45AM	M		ALLB-220
77577	11:00AM-12:20PM	MW	J. Wolf	ALLH-104
and	07:45AM-10:45AM	W		ALLB-220

77576	12:40PM-02:00PM	MW	J. Wolf	ALLH-104
and	02:15PM-05:15PM	M		ALLB-220
77570	12:40PM-02:00PM	MW	J. Wolf	ALLH-104
and	02:15PM-05:15PM	W		ALLB-220
77575	05:00PM-06:20PM	TTH	C. Musser	ALLH-104
and	06:30PM-09:30PM	T		ALLB-220
77571	05:00PM-06:20PM	TTH	C. Musser	ALLH-104
and	06:30PM-09:30PM	TH		ALLB-220
77583	06:30PM-09:30PM	M	J. Wolf	ALLH-104
and	06:30PM-09:30PM	W		ALLB-220

BIOSCI 130 CONTEMPORARY ISSUES IN ENVIRONMENTAL BIOLOGY

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Explores the ecological and environmental global problems facing society. Not designed for biological science majors.

77586	02:30PM-05:30PM	T	J. Chari	BYKH-113
	FIELD STUDIES CLASS. Classes include meetings on campus; field trips; and may require online instruction as a component of the course. The field trip is a weekend to Camp Tahquitz; south of Big Bear on 9/10-9/12. Trip replaces 12 on-campus hours. Fee: \$41.00 for meals plus gas mileage.			

BIOSCI 180 BIOLOGY OF CANCER

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Introduces the basic principles underlying the development and treatment of cancer.

77588	02:30PM-03:50PM	TTH	K. Cude	BYKH-206
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BIOSCI 201 INTRODUCTION TO HUMAN ANATOMY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Explores the major structural characteristics of the human body. UC credit limitations: BIOSCI- 201, 202, and 204, 205, 250 combined; maximum credit 8 units.

77591	08:00AM-09:20AM	MW	L. Li	ALLH-104
and	09:30AM-12:30PM	M		ALLB-223
77589	08:00AM-09:20AM	MW	L. Li	ALLH-104
and	12:45PM-03:45PM	M		ALLB-223

BIOSCI 202 INTRODUCTION TO HUMAN PHYSIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Explores the functioning integration of the systems of the human body. UC credit limitations: BIOSCI-201, 202 and 204, 205, 250 combined; maximum credit 8 units.

77593	-		M. Golbert	-
	09:30AM-12:30PM	W		ALLB-221
	HYBRID CLASS. Mandatory orientation on Wednesday 08/25 (09:30AM - 10:40AM) in BYKH-211. First lab is immediately after the mandatory orientation.			

BIOSCI 204 HUMAN ANATOMY AND PHYSIOLOGY I

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Introduces the structure and function of the human body. UC credit limitations: BIOSCI-201, 202, and 204, 205, 250 combined; maximum credit 8 units.

77601	08:00AM-09:20AM	TTH	M. Golbert	ALLH-104
and	09:30AM-12:30PM	TH		ALLB-223
77594	08:00AM-09:20AM	TTH	M. Golbert	ALLH-104
and	09:30AM-12:30PM	T		ALLB-223
77597	05:30PM-06:50PM	MW	C. Kay-Nishiyama	ALLH-101
and	07:00PM-08:20PM	MW		ALLB-223
77596	05:30PM-06:50PM	MW	C. Kay-Nishiyama	ALLH-101
and	03:50PM-05:20PM	MW		ALLB-223
77730	05:30PM-06:50PM	TTH	G. Fox	BYKH-206
and	07:00PM-08:20PM	TTH		ALLB-221
77600	05:30PM-06:50PM	TTH	B. Rose	ALLH-104
and	03:50PM-05:20PM	TTH		ALLB-223
77599	05:30PM-06:50PM	TTH	B. Rose	ALLH-104
and	07:00PM-08:20PM	TTH		ALLB-223

BIOSCI 205 HUMAN ANATOMY AND PHYSIOLOGY II

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-204

Continues the study of the structure and function of the human body. UC credit limitation: BIOSCI-201, 202 and 204, 205, 250 combined; maximum credit 8 units.

77604	05:30PM-06:50PM	MW	F. Costa	ALLH-104
and	03:50PM-05:20PM	MW		ALLB-221
77603	05:30PM-06:50PM	MW	F. Costa	ALLH-104
and	07:00PM-08:20PM	MW		ALLB-221

BIOSCI 216 GENERAL BOTANY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: MATH-070 Recommended preparation: BIOSCI-107

Introduces the plant kingdom with an emphasis on seed-bearing plants.

77605	01:00PM-03:50PM	T	G. Nishiyama	CCC-309
and	01:00PM-03:50PM	TH		CCC-309

CCC [This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.](#)

BIOSCI 219 MARINE BIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

A study of the description, distribution and natural history of marine organisms. Laboratories will include both in-class and field studies which may extend outside the assigned laboratory times.

77606	08:00AM-09:20AM	MW	G. Nishiyama	CCC-311
and	09:30AM-12:30PM	M		CCC-310

CCC [This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.](#)

BIOSCI 221 INTRODUCTION TO MICROBIOLOGY

Units: 5.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Introduction to the biology of micro-organisms.

77607	08:00AM-09:20AM	MW	K. Burke	ALLH-101
and	09:30AM-12:30PM	MW		ALLB-217
77610	08:00AM-09:20AM	TTH	D. Takeda	ALLH-101
and	09:30AM-12:30PM	TTH		ALLB-217
77611	12:40PM-02:00PM	TTH	K. Burke	ALLH-101
and	02:15PM-05:15PM	TTH		ALLB-217
77609	12:40PM-02:00PM	MW	D. Takeda	ALLH-101
and	02:15PM-05:15PM	MW		ALLB-217
77608	05:00PM-06:20PM	TTH	C. Robinson	ALLH-101
and	06:30PM-09:30PM	TTH		ALLB-217

BIOSCI 230 INTRODUCTION TO BIOTECHNOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Introduces the basic concepts and techniques of modern molecular biology, including the uses and applications of DNA manipulation techniques.

77612	08:00AM-09:20AM	TTH	J. Nguyen	ALLB-218
and	09:30AM-12:30PM	TTH		ALLB-218

BIOSCI 240 MOLECULAR GENETICS

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Introduces the principles of both prokaryotic and eukaryotic genetics. Emphasizes the structure, function and regulation of genes along with patterns of inheritance.

77613	09:30AM-10:50AM	MW	K. Cude	BYKH-206
and	11:00AM-02:00PM	W		ALLB-218

■ BUSINESS ■

BUS 100 INTRODUCTION TO BUSINESS

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Introduction to the fundamental concepts of business in a changing world. Includes an overview of such areas as economic systems, management, marketing, accounting, finance, ethics, and globalization. Designed to help students understand business concepts and to select an area of specialization in business.

77138	08:00AM-09:20AM	MW	T. Fontenette	HSLH-133
77132	08:00AM-09:20AM	TTH	A. Naddafpour	CCC-402
CCC	This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.			
77136	09:30AM-10:50AM	TTH	D. Sionko	HSLH-235
77139	11:10AM-12:30PM	TTH	D. Sionko	HSLH-235

77130	06:00PM-07:20PM	MW	G. Fogel	CCC-401
CCC	This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.			