Baker Residential Academic Program
Fall 2017 Schedule of Courses

ANTH 1140 Exploring a Non-western Culture: The Maya **3 credits**

Section 430R T/TH 11:00 am – 12:15 pm BAKR E112 I. Calvin

Exploring a Non-Western Culture: The Maya explores the culture of the Maya of Central America, emphasizing their material adaptations, social organizations, ideals and values, and artistic achievements in the past and the present.

Approved for arts and sciences core curriculum: human diversity

ANTH 1190 Origins of Ancient Civilizations **3 credits**

Section 430R T/TH 12:30 – 1:45 pm BAKR E112 I. Calvin

Origins of Ancient Civilizations examines origins of the world's first civilizations in Mesopotamia, Egypt, the Indus Valley, Mesoamerica, and the Andes. Covers archaeology of ancient cities, trade, economy, politics, warfare, religion, and ideology. Seeks insight into general processes of cultural evolution.

Approved for arts and sciences core curriculum: historical context

ATOC 1050 Weather and the Atmosphere **3 credits**

Section 430R T/TH 11:00 am – 12:15 pm BAKR E212 H. Souder

or

Section 431R T/TH 2:00 pm – 3:15pm BAKR W112 B. Forrest

Weather and the Atmosphere introduces principles of modern meteorology for nonscience majors, with emphasis on scientific and human issues associated with severe weather events. Includes description, methods of prediction, and impacts of blizzards, hurricanes, thunderstorms, tornadoes, lightning, floods, and firestorms. Meets MAPS requirement for natural science: non-lab**.**

Approved for arts and sciences core curriculum: natural science

BAKR 1600 Creating a Sustainable Future **3 credits**

Section 430R MF 12:00 pm – 12:50 pm BAKR E212 L. Barlow
W 12:00 pm – 1:50 pm BAKR E212

or

Section 431R MF 1:00 pm – 1:50 pm BAKR E212 L. Barlow
W 12:00 pm – 1:50 pm BAKR E212

Creating a Sustainable Future is for students who want intellectual and practical strategies to help lead the way toward a sustainable future. You will be challenged to address the question: how do we go about making informed changes in our daily lives that align our actions with our understanding of 21st century challenges with grace, optimism, and fun? The course compares the socio-cultural and economic values and forces of the late 20th century American society with the shift to an emerging 21st century society of sustainable living, contemplates readings from leading visionaries for a sustainable future, including CU-generated documents, focuses on personal daily actions you can adopt now that empower you to live a more sustainable lifestyle, and explores opportunities that lie ahead in creating a sustainable 21st century American society. Along the way, you will develop personal definitions of sustainable living that you can take with you and add to on your journey at CU and beyond. Fulfills the ENVS Application Requirement.

Approved for arts and sciences core curriculum: contemporary societies

CHEM 1021 Introductory Chemistry **4 credits**

Lecture	**MWF 11:00 am – 11:50 am**	**EKLC E1B75**	**C Kelly**
Lab Sec 431R	**T 9:00 am – 11:50 am**	**EKLC M1B60**	**TBA**
Lab Sec 432R	**T 12:00 pm – 2:50 pm**	**EKLC M1B60**	**TBA**
Lab Sec 433R	**W 4:00 pm – 6:50 pm**	**EKLC M1B50**	**TBA**

Introductory Chemistry is a lecture. and lab. For students with no high school chemistry or a very weak chemistry background. Remedies a deficiency in natural science MAPS requirements and prepares students for CHEM 1113/1114. No credit given to chemistry or biochemistry majors for this course if students already have credit in any college-level chemistry course numbered 1113/1114 (formerly 1111) or higher. Department enforced requisite: one year high school algebra or concurrent enrollment in MATH 1011. Approved for GT-SC1.

Approved for arts and sciences core curriculum: natural science.

EBIO 1210 General Biology 1 **3 credits**

Section 430R	**MWF 10:00 am – 10:50 am**	**BAKR E212**	**C. Kearns**
		or	
Section 431R	**MWF 11:00 am – 11:50 am**	**BAKR E212**	**D. Oliveras**
		or	
Section 432R	**T/TH 12:30 pm – 1:45 pm**	**BAKR E212**	**R. DiDomenico**

General Biology. Provides a concentrated introduction to molecular, cellular, genetic, and evolutionary biology. Emphasizes fundamental principles, concepts, facts and questions. This course is intended for science majors.

Approved for arts and sciences core curriculum: natural science

ECON 2010 Principles of Microeconomics **4 credits**

Lecture 430R	**T/TH 2:00 pm – 3:35 pm**	**BAKR E212**	**B. Clark**

Principles of Microeconomics examines basic concepts of microeconomics or the behavior and the interactions of individuals, firms and government. Topics include determining economic problems, how consumers and businesses make decisions, how markets work, and how they fail and how government actions affect markets.

Approved for arts and sciences core curriculum: contemporary societies

ENVS 1000 Introduction to Environmental Studies **4 credits**

Lecture 430R	**T/TH 2:00 pm – 3:15 pm**	**BAKR W112**	**H. Souder**
Rec 431R	**M 2:00 pm – 2:50 pm**	**BAKR W112**	
	Or		
Lecture 432R	**T/TH 3:30 pm – 4:45 pm**	**BAKR W112**	**H. Souder**
Rec 433R	**M 3:00 pm – 3:50 pm**	**BAKR W112**	

Introduction to Environmental Studies surveys environmental studies, examining ecological, socioeconomics, political, aesthetic, and technological factors that influence the quality of life on earth. Required for ENVS majors.

Approved for arts and sciences core curriculum: natural science

GEOG 1982 World Regional Geography **3 credits**

Section 430R T/TH 11:00 am - 12:15 pm BAKR W112 B. Forrest

World Regional Geography involves an intellectual journey around the globe, stopping at major regions to study the people, their environments, and how they interact. Topics include the political/economic tensions in changing Europe, conflicts in Brazilian rain forests, transitions facing African peoples, and rapid changes in China.

Satisfies MAPS requirement for social science: geography

GEOL 1010 Introduction to Geology 1 **3 credits**

Section 430R MWF 10:00 am – 10:50am BAKR W205 L. Barlow

Introduction to Geology. For majors and non-majors. How did Boulder's famous Flatirons get there? How can the top of Mount Everest be made from rock that formed at the bottom of an ocean? Why are some areas of San Francisco safer from earthquakes than others? Learn about the amazing Earth we live on through the study of minerals, rock types, plate tectonics, earthquakes, volcanoes, river systems, topographic and geologic maps and more! Learn how these topics relate to humans. Field trips are run through the complimentary lab, GEOL 1030**.**

Approved for arts and sciences core curriculum: natural science

HIST 1025 History of the U.S. since 1865 **3 credits**

Section 430R MWF 3:00 pm – 3:50 pm BAKR W112 D. Snyder

Explores political, social and cultural changes in American life since Reconstruction. Focuses on shifting social and political relations as the U.S. changed from a nation of farmers and small-town dwellers to an urban, industrial society; the changing meaning of American identity in a society divided by ethnicity, race and class; and the emergence of the U.S. as a world power. Approved for GT-HI1. Meets MAPS requirement for social science: general or U.S. history.

Approved for arts and sciences core curriculum: U.S. context

HIST 2126 Modern U.S. Politics and Foreign Relations **3 credits**

Section 430R MWF 11:00 am – 11:50am BAKR E112 D. Snyder

Traces the development of contemporary U.S. politics and foreign relations, analyzes subjects such as the Cold War, the relationship between foreign and domestic politics, the developing meaning of conservatism, liberalism, and radicalism, and explains the impact of race, gender, class and immigration.

Approved for arts and sciences core curriculum: U.S. context or contemporary societies

IPHY 2420 Nutrition for Health and Performance **3 credits**

Section 430R MWF 9:00 am – 9:50am BAKR E112 D. Louie

Nutrition for Health and Performance focuses on the basic anatomy, physiology, and chemistry of nutrition. Topics include weight management, the role of diet and lifestyle in disease prevention, specific nutrient deficiencies and toxicities, nutrition standards and guidelines, sports nutrition recommendations, agricultural practices, and food policy issues. IPHY juniors or seniors are excluded from taking this course.

Approved for arts and sciences core curriculum: natural science

MATH 1150 Precalculus Mathematics **4 credits**

Section 430R MTWF 1:00 pm – 1:50 pm BAKR W112 P. Newberry

Develops techniques and concepts prerequisite to calculus through the study of trigonometric, exponential, logarithmic, polynomial, and other functions. Credit not granted for this course and APPM 1235 or MATH 1160. Approved for GT-MA1. Approved for arts and sciences core curriculum: quantitative reasoning and mathematical skills.

Approved for arts and sciences core curriculum: quantitative reasoning and mathematical skills

MATH 1300 Calculus 1 **5 credits**

Section 430R M-F 10:00 am - 10:50 am BAKR W112 P. Newberry

Topics include limits, derivatives of algebraic and trigonometric functions, applications of the derivative, integrations and application of the definite integral. Students with credit in MATH 1300 may not receive credit in MATH 1081, MATH 1310, APPM 1350 or ECON 1088. Prereq., two years high school algebra; one year of geometry; and ½ year trigonometry or MATH 1150.

Approved for arts and sciences core curriculum: quantitative reasoning & mathematical skills

MATH 2510 Introduction to Statistics **3 credits**

Section 430R MWF 11:00 am – 11:50 am BAKR W112 P. Newberry

Elementary statistical measures. Introduces statistical distributions, statistical inference, hypothesis testing and linear regression. Department enforced prerequisite: two years of high school algebra.

Approved for arts and sciences core curriculum: quantitative reasoning & mathematical skills

MCDB 1150 Introduction to Cellular and Molecular Biology **3 credits**

Section 430R T/TH 9:30 am – 10:45 am BAKR W112 K. Barthel

Introduction to Cellular and Molecular Biology covers biologically important macromolecules and geological processes, together with an introduction to cell structure, function, and physiology. Provides the foundation for advanced MCDB courses to majors, and a rigorous overview of modern biology to nonmajors. MCDB 1151 must be taken concurrently by MCDB and biochemistry majors and prehealth science students. Prereq, high school chemistry and algebra.

Approved for arts and sciences core curriculum: natural science

PHIL 1200 Contemporary Social Problems **3 credits**

Section 430R MWF 12:00 pm – 12:50 pm BAKR E112 A. Chapman

Or

Section 431R MWF 1:00 pm – 1:50 pm BAKR E112 A. Chapman

Contemporary Social Problems examines competing positions in debates over a wide variety of controversial moral, social and political issues. Topics may include: abortion, world poverty, animal rights, immigration, physician-assisted suicide, freedom of religion, hate speech, cloning, income inequality, pornography, gun rights, racial profiling, capital punishment, overpopulation, prostitution, drug legalization, torture.

Approved for arts and sciences core curriculum: U.S. context or ideals and values

PSYC 1001 General Psychology **3 credits**

Section 430R MWF 12:00 pm – 12:50 pm BAKR E112 C. Pierotti

General Psychology surveys major topics in psychology: perceptions, development, personality, learning and memory and biological bases of behavior. Students may participate as subjects for several hours in ongoing research.

WRTG 1150 1st Year Writing and Rhetoric **3 credits**

Section 430R MWF 9:00 am – 9:50 am BAKR W112 Staff

or

Section 431R T/Th 3:30 pm – 4:45 pm BAKR W112 Knowlton

First Year Writing and Rhetoric: Rhetorically informed introduction to college writing. Focuses on critical analysis, argument, inquiry, and information literacy. Taught as a writing workshop, the course places a premium on invention, drafting, and thoughtful revision. For placement criteria, see the arts and sciences advising office. May be repeated up to 6 total credit hours. Meets MAPs requirement for English.

Approved for arts and sciences core curriculum: written communication