Attending a lecture at UC Berkeley

Interested in visiting a UC Berkeley class?

Important Information

- **The classes listed are some of the largest lectures at Cal, and they represent only one type of learning opportunity. UC Berkeley prides itself on fostering student and faculty interaction through small classes, undergraduate research, and seminars. Average class size is about 30 students, and our student-to-faculty ratio is 15:1.**
- **When attending a class, please observe classroom visitor etiquette:**
  - **Arrive on time (Cal classes start 10 minutes after the time listed, a practice known on campus as "Berkeley Time") and remain for the entire class.**
  - **Take seats at the back of the lecture hall.**
  - **Remain an observer and avoid participation in any discussion.**
- **Sometimes a class may be unavailable to visitors without notice (for example, during an exam).**
- **Many academic schedules and majors include courses from a variety of departments and disciplines. You may want to consult your prospective department or website to find classes that match your interests and requirements.**

If you have any questions, please email rohpberkeley2015@gmail.com

Enjoy your visit to Berkeley!

FAQs

Why were these particular courses chosen?

On the basis of their benefit to prospective students, how they showcase the quality of UC Berkeley's faculty, and the diversity of the material covered. They are generally the campuses' large introductory courses, and visitors will not interfere with normal classroom activity.

Can we attend courses not on this list?

Please attend only those classes on the list. If a department you are looking for is not on the list and you are having trouble finding a related class, feel free to ask us for a recommendation (email us at rohpberkeley2015@gmail.com).

Do we need to check in with ROHP or the professor before attending the class?

No, you're not required to check in to attend a class, but if you have any questions,

please email rohpberkeley2015@gmail.com.

Can I attend only a portion of the lecture?
As a courtesy to professors and students, please arrive on time and stay for the entire lecture. Even in large lecture halls, entering a class late or leaving early can be disruptive. The goal is to provide you with a rewarding experience that interferes only minimally with normal classroom activity.

May I participate in class discussion or ask questions during lecture?
As a visitor, please remain an observer as to not disrupt the pace of the class for the professor and the students.

What if a professor is not accepting visitors or asks us to leave?
There may be times (such as an exam) when visits are not appropriate. Please observe and respect the requests of campus faculty and staff. We apologize in advance for any inconvenience this may cause.

Where can I find more information about these courses or professors?
Most department web pages have detailed faculty and course information. You can find these pages by performing a search for the department at www.berkeley.edu.

Please do not ask professors about their respective departments or programs. Professors are **not** admissions officers or department representatives. If you have any questions, please email rohpberkeley2015@gmail.com.

Classes to Visit on Friday 3/6/15, Friday 4/3/15, and Friday 4/17/15

General Biology – Biology 1A
MWF 8:00-9:00AM; 1 Pimentel Hall; Professors Meighan, Dillion, and Doudna
General introduction to cell structure and function, molecular and organismal genetics, animal development, form and function.

Physics for Scientists and Engineers – Physics 7B
MWF 8:00-9:00AM; 1 LeConte Hall; Professor Bordel
MWF 1:00-2:00PM; 1 LeConte Hall; Professor Bordel
Heat, electricity, and magnetism.

General Chemistry -- Chemistry 1A
MWF 9:00-10:00AM; 1 Pimentel Hall; Professor Saykally
MWF 1:00-2:00PM; 1 Pimentel Hall; Professor Saykally
Stoichiometry of chemical reactions, quantum mechanical description of atoms, the elements and periodic table, chemical bonding, real and ideal gases, thermochemistry, introduction to thermodynamics and equilibrium, acid-base and solubility equilibria, introduction to oxidation-reduction reactions, introduction to chemical kinetics.

Principles of Business -- Undergraduate Business Administration 10
MWF 9:00-10:00AM; Wheeler Auditorium; Professors Hopelain, Briginshaw, Romero-Hernandez, and Banks
This course provides an introduction to the study of the modern business enterprise. The course is taught in five modules, the order of which may vary from semester to semester. The first examines the role and governance of business enterprise in a market economy. The second concentrates on financial issues, while the third looks at the problems of managing people in organizations. The fourth examines product pricing, marketing, and distribution issues and the last concentrates on the international business environment.

Introduction to Solid Mechanics -- Mechanical Engineering C85
MWF 1:00-2:00PM; 101 Moffitt; Professor Armero
A review of equilibrium for particles and rigid bodies. Application to truss structures. The concepts of deformation, strain, and stress. Equilibrium equations for a continuum. Elements of the theory of linear elasticity. The states of plane stress and plane strain. Solution of elementary elasticity problems (beam bending, torsion of circular bars). Euler buckling in elastic beams.

Introduction to Roman Civilization -- Classics 10B
MWF 10:00-11:00; 50 Birge; Professor McCarthy
Investigation of the main achievements and tensions in Roman culture from Romulus to the High Empire. Key sources for literature, history, and material culture are studied in order to reveal Roman civilization in its political and social context.

Physics for Scientists and Engineers -- Physics 7A
MWF 11:00-12:00PM; 1 LeConte Hall; Professor Hallatschek
Mechanics and wave motion.

Biological Transport Phenomena -- Bioengineering 104
MWF 11:00-12:00PM; 160 Kroeber Hall; Professor Johnson
The transport of mass, momentum, and energy are critical to the function of living systems and the design of medical devices. Biological transport phenomena are present at a wide range of length scales: molecular, cellular, organ (whole and by functional unit), and organism. This course develops and applies scaling laws and the methods of continuum mechanics to biological transport phenomena over a range of length and timescales.

The United States from Civil War to Present -- History 7B
MWF 10:00-11:00; 150 Wheeler; Professor Viator
What does it mean to be American? Whatever your answer is to this question, chances are it is deeply connected to the themes and events we will discuss in this class. Here we will track America's rise to global power, the fate of freedom in a post-Emancipationpolitical setting, and the changing boundaries of nation, citizenship, and community. We will use landmark events to sharpen our themes, but we will also take care to analyze the equally important (and shifting) patterns of where and how Americans lived, worked, and played.

Ecosystem Ecology – Environmental Science, Policy, and Management 111
MWF 11:00-12:00; 132 Mulford Hall; Professor Silver
This course will develop principles of ecosystems ecology, emphasizing terrestrial ecosystems, and

will consider how these principles apply to ecosystem recovery and to regional and global fluxes of carbon and nutrients.

Wealth and Poverty -- Public Policy C103

F 12:00-2:00PM; Wheeler Auditorium; Professor Reich
This course is designed to provide students with a deeper understanding both of the organization of the political economy in the United States and of other advanced economies, and of why the distribution of earnings, wealth, and opportunity have been diverging in the United States and in other nations. It also is intended to provide insights into the political and public policy debates that have arisen in light of this divergence, as well as possible means of reversing it.

The Structure and Interpretation of Computer Programs -- Computer Science 61A

MWF 2:00-3:00; Wheeler Auditorium; Professor Denero
Introduction to programming and computer science. This course exposes students to techniques of abstraction at several levels: (a) within a programming language, using higher-order functions, manifest types, data-directed programming, and message-passing; (b) between programming languages, using functional and rule-based languages as examples. It also relates these techniques to the practical problems of implementation of languages and algorithms on a von Neumann machine. There are several significant programming projects.

Introduction to Sociology -- Sociology 1

MWF 10:00-11:00AM; 2050 Valley Life Sciences Building; Professor Gold
Introduces students who are considering majoring in sociology to the basic topics, concepts, and principles of the discipline.

Introduction to General Astronomy -- Astronomy C10

MWF 3:00-4:00; Wheeler Auditorium; Professor Filippenko
A description of modern astronomy with emphasis on the structure and evolution of stars, galaxies, and the universe. Additional topics optionally discussed include quasars, pulsars, black holes, and extraterrestrial communication, etc. Individual instructor's synopses available from the department.

Fluid Mechanics -- Mechanical Engineering 106

MWF 1:00-2:00PM; 105 North Gate; Professor Yeung
This course introduces the fundamentals and techniques of fluid mechanics with the aim of describing and controlling engineering flows.

Physical Chemistry and Quantum Mechanics -- Chemistry 120A

MWF 11:00-12:00PM; 120 Latimer; Professors Chandler and Rabani
Kinetic, potential, and total energy of particles and forces between them; principles of quantum theory, including one-electron and many-electron atoms and its applications to chemical bonding, intermolecular attractions, and elementary spectroscopy.