Advanced Biosciences Program

Advance your career, start a new project or update your knowledge of current topics and emerging technologies with the Advanced Biosciences Program. The required course, Current Topics in the Biosciences MCELLBI X427, orients you to the program with an overview of recent advances in modern biological research. You tailor the remainder of the program to meet your needs. Whether you are returning to graduate school, refining your career or learning new skills for your employer, you have a variety of elective courses in advanced biosciences, biology and chemistry from which to choose. Online and classroom courses are available in the basic sciences, as well as in specialized topics such as stem cell biology, hematology, biostatistics and more. New courses are continually being developed to keep pace with this evolving field.

1 Required Course, 8 Semester Units of Electives*
10 Semester Units, 150 Hours of Instruction

**Current Topics in the Biosciences** MCELLBI X427  (2 semester units)
Learn about recent scientific advances and emerging technologies in molecular and cell biology, neurobiology, genomics, immunology and infectious disease.

*See the website for a complete list of available electives. Course availability is subject to change.

Learn more at extension.berkeley.edu/spos/advanced_biosciences.html
Prerequisites for Admission

To register for the Advanced Biosciences Program, you must hold one of the following:

• A bachelor’s degree in science or engineering, or
• A bachelor’s degree with coursework in science or engineering. (One year of biology, one year of chemistry and advanced mathematics are highly recommended.)

If you do not meet these requirements, contact the department for a list of approved coursework to complete before registering for the program. Prerequisites may also be required for specific courses; consult the course catalog for details.

Curriculum and Completion Requirements

The curriculum comprises 1 required course (2 semester units) and 8 semester units of electives for a total of 10 semester units (150 hours of instruction). Candidates must pay a nonrefundable program registration fee.

You must take the required course, Current Topics in the Biosciences MCELLBI X427. The remaining courses within the curriculum are electives to ensure that you can design a program specific to your needs.

All coursework must be completed within five years of registering for the program. However, requirements may be updated based on new developments in the field of study; we recommend completing the curriculum in a timely fashion.

How to Register for This Specialized Program of Study

Register for the Advanced Biosciences Program at extension.berkeley.edu/cert/register.html. Click on the More Information button next to the program title to begin the registration process. Complete your student account profile if you are a new student, and pay the nonrefundable certificate program fee.

You may enroll in individual courses without registering for the Advanced Biosciences Program.

Value of a UC Berkeley Extension Specialized Program of Study

As the continuing education arm of the University of California, Berkeley, UC Berkeley Extension is a respected provider of adult and professional education. Fulfilling the requirements for a UC Berkeley Extension specialized program of study reflects the successful completion of a high-caliber, in-depth sequence of courses.

Learn More

For additional information about the Advanced Biosciences Program, visit extension.berkeley.edu/spos/advanced_biosciences.html, email extension-science@berkeley.edu or call (510) 642-8108.