



Infectious Diseases and Immunity Ph.D. Program

UC Berkeley

Ph.D. Degree Program

The Graduate Group in Infectious Diseases and Immunity provides the opportunity for the study of the biology of infectious agents, their interaction with human and other hosts, and their relationship with the environment. The PhD program is an interdepartmental doctoral degree program that provides students with the opportunity for research in the area of infectious diseases. The degree program is unique in emphasizing integrated, multidisciplinary training in host-pathogen-environmental interactions including the biology of host-pathogen interactions, molecular and cellular aspects of pathogenesis, the ecology and evolution of disease agents, environmental factors in transmission, intermediate hosts and vectors, the biology of surveillance and epidemiological analysis, vaccine and drug development, and public health practices for disease prevention and control.

The objective of this program is to provide students with research-oriented pursuits that will train them to design and implement independent investigations. The goal is to promote health by integration of basic research and applied technologies for the development of new approaches for the diagnosis, treatment, prevention, and control of infectious disease in humans.

Students matriculating through this program will acquire expertise in fundamental infectious disease research and thus are well prepared for careers in academia, governmental agencies, and biotechnology.

Ph.D. Curriculum Requirements

Core requirements include courses from Infectious Diseases, Molecular Biology, Immunology, Epidemiology & Biostatistics, Research Seminars, and Ethics in Research & Practice.

Financial Support

The Division offers full funding to admitted doctoral students with a combination of state and Division funds and faculty research grants. Funding support will include fees and tuition as well as a monthly stipend. Appointment as Graduate Student Instructor (GSI) for two semesters and Graduate Student Researcher (GSR) are part of the funding arrangement. The current annual stipend for IDI pre-Qualifying Exam (QE) and post QE students are approx. \$25,000 and \$29,500 respectively.

Admissions

Holders of a Bachelor's degree must have:

- GPA of 3.0 (minimum)
- GRE or TOEFL scores (if applicable)
- Demonstrated competence in English

Final selection will depend on the faculty's ranking of all applicants based on academic record, intellectual potential, preparation, letters of recommendation, research interests, and overall promise.

Further Information

Please visit our website to learn more:

<http://microbe.berkeley.edu/idgroup/index.html>

To apply: <http://sph.berkeley.edu/admissions/how-to-apply>