

## **MASTER OF SCIENCE IN BIOLOGY**

The biology M. S. degree provides a strong background for future study in a doctoral program. It also provides graduate training as preparation for professional studies in medicine, dentistry or other health science fields. Students with a master's degree in biology are also prepared for a career in teaching and/or research.

### **Admission Requirements**

Requirements for admission as a classified graduate student are a bachelor's degree in biology or a related field with a minimum grade point average of 2.75 in the last 60 semester (90 quarter) units of upper division coursework, completion of the Graduation Writing Assessment Requirement (GWAR) at the graduate level and completion of courses equivalent to the CSU Dominguez Hills' degree in biology. Specifically, a student must have completed an upper division course in each of the subject areas listed below with a grade of "B" or better.

Subject Area	CSUDH Course Equivalent
Cell Biology	BIO 320
Genetics	BIO 340
Experimental Laboratory	BIO 342
Animal/Human Physiology	BIO 312 or BIO 483
Evolution or Ecology	BIO 230 or BIO 332
Statistics	MAT 131 or equivalent

Students who do not satisfy all these requirements may be admitted as a second baccalaureate student while they complete the requirements. Students who meet all but one requirement may be admitted as a conditionally classified graduate student at the discretion of the Biology Graduate Committee. They must meet any conditions by the end of the first semester in that status. Final decision on admission to the graduate program is made by the Biology Graduate Committee.

### **Degree Requirements**

The Master's Program in Biology is a two-year program in which a student must complete 30 units of required core of courses and additional elective courses. The academic program is expected to culminate in a thesis based on original research. During the first semester of the program, the student chooses a major advisor who will assist him/her in the choice of elective courses. The major advisor will chair the student's advisory committee for the thesis. Two additional members of the student's graduate advisory committee will need to be selected. In addition, the student will meet all other University requirements for the master's degree

### **Contact Information**

Call the Department of Biology at 310-243-3381.

Visit [www.csudh.edu](http://www.csudh.edu) for more information.

## Faculty

Hee Kwang Choi, Ph.D.  
Assistant Professor of Biology  
Boston University

Helen Chun, Ph.D.  
Assistant Professor of Biology  
University of California, Los Angeles

Robert Giacocie, Ph.D.  
Professor of Biology  
University of California, Los Angeles

Carol Guze, Ph.D.  
Emeritus Professor of Biology  
University of California, Berkeley

Getachew Kidane, Ph.D.  
Professor of Biology  
University of California, Los Angeles

Thomas Landefeld, Ph.D.  
Professor of Biology  
University of Wisconsin, Madison

Gus McCarthy, Ph.D.  
Professor of Biology  
Texas A&M University

Laura Phillips, Ph.D.  
Professor of Biology  
University of California, Los Angeles

John Roberts, Ph.D.  
Emeritus Professor of Biology  
University of California, Santa Barbara

Davood Soleymani, Ph.D.  
Professor of Biology  
Iowa State University

Laura Robles, Ph.D.  
Professor of Biology  
University of California, Santa Barbara

John R. Thomlinson, Ph.D.  
Associate Professor of Biology  
University of North Texas

Katherine Bates, Ph.D.  
Assistant Professor of Biology  
University of Utah

John Carvalho, Ph.D.  
Assistant Professor of Biology  
Washington University

Terrence McGlynn, Ph.D.  
Assistant Professor of Biology  
University of Colorado, Boulder

## Career Possibilities

The Master of Science program in Biology provides students with an in-depth background suitable for pursuing a career in teaching and/or research or working in an industrial field such as biotechnology. Students may develop a program of courses and research that is tailor-made to their individual needs within the areas of expertise of their advising faculty. The graduate program also can establish a strong foundation for professional training in medicine, dentistry, paramedical areas and Ph.D. programs.

**CSU Dominguez Hills is conveniently located in the Los Angeles basin.**

