

- A rigorous and competitive curriculum taught by outstanding faculty.
- Meets lower division requirements for students transferring to the UC and CSU systems and other universities.
- Designed to meet the preparation needs of students pursuing upper division biology, medicine, dentistry, public health, veterinary medicine, etc.



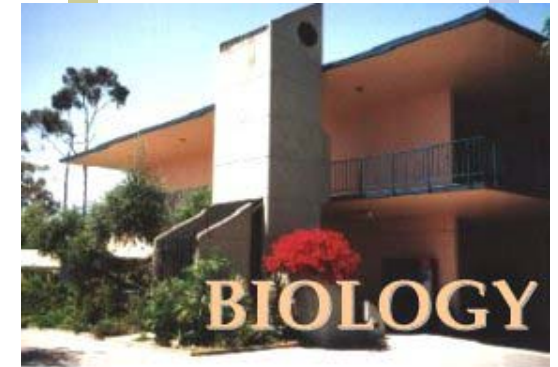
Los Angeles Harbor
College

Where
Students
Come
First

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Los Angeles
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***NEW
Bioscience
Series***

*Spring
2006*

www.lahc.edu

LAHC Bioscience Program

Starting the Spring 2006 semester, a new biology majors series will begin at Los Angeles Harbor College. The new courses, Biol 101, 102, and 103 represent a rearrangement of the two old courses (Biol 6 & 7).

Each of these courses will have 3 hours of lecture, 1 hour discussion, and 3 hours of lab per week. This arrangement will reduce the weekly workload previously assigned to Biol 6 and 7 and will improve lower division preparation for students transferring to the UC and CSU systems and other colleges.



The degree of rigor and the amount of independent learning in these courses are designed to meet the preparation needs of students pursuing upper division biology, medicine, dentistry, public health, veterinary medicine, etc.

Bioscience Curriculum

Biol 101 (5 units): Biodiversity and Ecology

Prerequisite: Chemistry 101 (concurrent enrollment acceptable).

It includes the scientific method, cell structure and function, biodiversity, including major taxa and their ecological and morphological relationships, behavioral, population community and ecosystem ecology, and distribution and adaptations of organisms. It includes field trips and library research. A materials fee is required.

Biol 102 (5 units): Molecular Cell Biology and Evolution

Prerequisite: Completion of Biology 101 and Chemistry 101.

Introduction to biological molecules, cell function, including transport, enzymes, and biochemical pathways; cell cycle, cell division, life cycles, Mendelian genetics, the chromosomal and molecular bases of inheritance, flow of genetic information and mutations; evidence and mechanisms of evolution. A materials fee is required.

Biol 103 (5 units): Molecular Genetics and Physiology

Prerequisite: Completion of Biology 102 and Chemistry 102.

An introduction to the molecular basis of genetic expression in viruses, prokaryotes, and eukaryotes, and regulation of this gene expression; techniques important in recombinant DNA technology and molecular genetics analysis; developmental patterns and physiological principles and adaptations. A materials fee is required.

Our outstanding faculty is the product of top universities' research programs.

Division Chair: Joyce Parker Life Sciences Faculty:

Ana Escandon, Ph.D

Timothy McCord, Ph.D.

Beverly Shue

Randy Wade, Ph.D.

Susan Yoder, Ph.D.

Additional information
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