



CURRICULUM GUIDE 2008-2009

BIOLOGY

AS Degree: Transfer Focus

The Associate of Science Transfer Degree in Biology offered by Ohlone College is designed to prepare students for studying the Biological Sciences at most universities. The core courses required in the AS Degree in Biology will fulfill the lower division requirements for most campuses of the UC and CSU systems. This program will enable students to develop a strong foundation in the life sciences, physical sciences, and mathematics. Furthermore, the theoretical knowledge and laboratory skills acquired by students in this program will also enhance their success with obtaining entry-level jobs that require two years of college-level science and math.

Since some curriculum requirements may vary among transfer universities, it is imperative that students entering Ohlone's AS degree program in Biology meet with a counselor at the start of their academic work. Counselors will assist students in preparing a Student Education Plan that will prepare them to transfer to the university of their choice. Counselors will also advise students on the general education plan that best prepares them for future transfer.

Requirements for AS Degree:

- Complete the Major Field courses with a 2.0 grade point average.
- Complete Plan A, B, or C General Education requirements. These requirements are specified in the Ohlone College catalog.
- Complete at least 60 degree-applicable units with a 2.0 grade point average.
- Complete at least 12 units at Ohlone College.
- Complete at least 50% of the Major Field courses at Ohlone College.
- Complete BIOL-101A and BIOL-101B at Ohlone College.

MAJOR FIELD

BIOL-101A	Principles of Biology--Molecular and Cellular	5
BIOL-101B	Principles of Biology--Organisms and Systems	5
CHEM-101A	General Chemistry	5
CHEM-101B	General Chemistry	5
CHEM-112A	Organic Chemistry	5
CHEM-112B	Organic Chemistry	5
MATH-101A	Calculus with Analytic Geometry	5
*PHYS-120	Introduction to Physics I	4
*PHYS-121	Introduction to Physics II	<u>4</u>
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*PHYS-140 + 141 + 142 may be substituted for PHYS-120 + 121.