

## Los Angeles Mission College 21-22 Biology Associate Degree for Transfer (ADT)

The Associate in Science in Biology for Transfer degree will prepare students to transfer into a curriculum at a CSU to pursue a baccalaureate degree in Biology. It may also be appropriate for all students who want to pursue a career in the life sciences and allied health professions such as medicine, dentistry and pharmacy. In the 21st century, no field can compare to the biological sciences in terms of major discoveries that directly affect society and individuals. The disciplines are endless and new ones arise annually: genetic engineering, forensics, biochemistry, veterinary medicine, pathology, botany, zoology, marine biology, forestry, microbiology, conservation biology, ecology, environmental studies, and bioinformatics. Students interested in transferring and/or completing an Associate in Science in Biology for Transfer should meet with a counselor to determine the coursework necessary to complete the requirements for general education and for the major.

Students who complete this degree will be guaranteed admission with junior status to the California State University system, although not a particular campus or major. Students can use the ADT Search by CSU Campus to view which CSU campuses accept ADT degrees in their major: <http://www.calstate.edu/transfer/adt-search/search.shtml>

Students receiving this transfer degree must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including completion of:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) for STEM **OR** the California State University General Education (CSUGE) for STEM
  - (B) A minimum of 18 semester units in a major or area of emphasis, as listed below.
- (2) Obtain a minimum cumulative grade point average of 2.0
- (3) Obtain a grade of “C” or better in each course required for the major or a grade of “P” if the major course is taken on a “P/NP” basis.

<b>Required Core: (33 units)</b>		<b>UNITS</b>	<b>GRADE</b>	<b>IP</b>	<b>NEED</b>	<b>CSUGE/IGETC for STEM General Education Requirements</b>	<b>Grade</b>	<b>IP</b>	<b>Need</b>
BIOLOGY 006	Principles of Biology I	5				Written Communication			
BIOLOGY 007	Principles of Biology II	5				Critical Thinking			
CHEM 101	General Chemistry	5				Transferable Math			
CHEM 102	General Chemistry	5				Oral Communication (CSUGE Only)			
MATH 265	Calculus with Analytical Geometry	5				*Art			
PHYSICS 006	Physics A: Mechanics	4				*Humanities			
PHYSICS 007	Physics B: Thermodynamics and Electromagnetism	4				*Art/Humanities			
						*Social/Behavioral Sciences			
						*Social Behavioral Sciences			
						*Social Behavioral Sciences			
						Physical Science			
						Biological Science			
						Physical/Biological Science Lab			
						Life Long Learning (CSUGE Only)			
						Ethnic Studies (CSUGE Only)			
						Language Other Than English (IGETC Only)			

**Total units for the Major: 33**

**\*Note: This degree allows for completion of the IGETC for STEM or the CSUGE for STEM which allows for completion of 6 units to be completed AFTER transfer to a CSU: 3 units from Area CSUGE Area C/IGETC Area 3: Arts & Humanities and 3 units from CSUGE Area D/IGETC Area 4: Social and Behavioral Science.**