

# Health & Related Sciences Pathway - Biology

Los Angeles Trade-Technical College  
400 W. Washington Blvd.  
Los Angeles, CA 90015

"Science and everyday life cannot and should not be separated" – Rosalind Franklin

## Biology AS Degree

### Program Overview

The Associate in Science in Biology for Transfer Degree prepares students to transfer into a curriculum at a California State University (CSU) to pursue a Baccalaureate degree in Biology (or a related 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. The Associate in Science in Biology for Transfer Degree may also be appropriate for all students who want to pursue a career in the life sciences and allied health professions such as nursing, medicine, dentistry, and pharmacy.

Students will apply fundamental concepts of biology and relate them to mathematics, physics and chemistry. These concepts addressed in the Associate in Science in Biology for Transfer Degree will prepare students to enter fields such as genetic engineering, forensics, biochemistry, veterinary medicine, pathology, botany, zoology, marine biology, forestry, microbiology, conservation biology, ecology, environmental studies, and bioinformatics. The biological sciences are a leading field contributing to major discoveries that directly affect society and individuals.

## BIOLOGY

### Associate in Science for Transfer

Major Units: 33-35

Requirements for the Associate in Science for Transfer (AS-T) in Biology may be met by completing 10 units of Required Courses and 23-25 units of Major Electives with a "C" or better along with general education courses meeting IGETC for STEM only.

### REQUIRED CORE

BIOLOGY 006	General Biology I	5 Units
BIOLOGY 007	General Biology II	5 Units

-AND-

### LIST A: SELECT 23-25 UNITS FROM THE FOLLOWING

CHEM 101	General Chemistry I	5 Units
CHEM 102	General Chemistry II	5 Units
MATH 265	Calculus with Analytic Geometry I	5 Units
PHYSICS 006	General Physics I	4 Units
<u>and</u>		
PHYSICS 007	General Physics II	4 Units
<u>OR</u>		
PHYSICS 101	Physics for Engineers and Scientists I	5 Units
<u>and</u>		
PHYSICS 102	Physics for Engineers and Scientists II	5 Units

<b>Major Required Subtotal</b>	<b>33-35 Units</b>
IGETC for STEM	31 Units
CSU Transferable Elective units	(As needed to reach 60 Units)
<b>TOTAL CSU transferable units</b>	<b>60 Units</b>

*Students interested in transferring and/or completing an Associate in Science Biology for Transfer are highly encouraged to consult with an LATTC counselor for more information on university admission, identifying similar degrees at CSU, and transfer requirements to other institutions.*



MAJOR REQUIRED MINIMUM SUBTOTAL	33-35 Units
IGETC for STEM	31 Units
CSU Transferable Elective Units	As needed to reach 60 Units)
<b>TOTAL CSU Transferable Units</b>	<b>60 Units</b>

The HRS Pathway Office is located in building B3 Room 304  
213-763-3727