



Health Sciences Career and Academic Pathways (CAPs)

Program Map: Associate in Science Degree for Transfer for Public Health Science

Total number of units: 60-61 units

Top Code/Academic Plan:

Updated on June 3, 2022

Semester 1	Course Code	Course	Units	Notes	Advising Notes
Program/GE Course	MATH 227	Statistics	4	Prerequisite course is MATH 125. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	
Program/GE Course	CHEM 065	Introductory General Chemistry	4	This course is the prerequisite for CHEM 101, PHYSIOL 001 and BIOLOGY 020. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
GE Course	ENGLISH 101	College Reading and Composition I	3	This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
GE Course	COMM 101	Public Speaking	3	This course is to gain confidence when presenting your data.	

Total Units 14

Semester 2	Course Code	Course	Units	Notes	Advising Notes
Program Course	BIOLOGY 051	Intro to Public Health	3		
Program Course	CHEM 101	General Chemistry I	5		
GE Course		IGETC 4	3		
GE Course	ENGLISH 102 or 103	English 102 or 103	3	Check with your Counselor for transfer level ENGLISH specific to your transfer school. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	These course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."

Total Units 14

Interession	Course Code	Course	Units	Notes	Advising Notes
Program Course	BIOLOGY 003	Introduction to Biology	4	This course prepares you for ANATOMY I. This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	

Total Units 4

Semester 3	Course Code	Course	Units	Notes	Advising Notes
Program/GE Course	ANATOMY 001	Introduction to Human Anatomy	4	The course is the prerequisite for PHYSIOL 001. BIOLOGY 20 may be substituted for ANATOMY 001 and PHYSIOL 001, but it is a fast paced class. Check with your transfer school to see which track is preferred.	This course is available on main campus and South Gate. This course is also offered hybrid online.
Program/GE Course	PSYCH 001	Introduction to General Psychology	3	This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	
Program/GE Course	HEALTH 011	Principles of Healthful Living	3		
GE Course	List A		3	Select 1 course: ECON 001, FAM & CS 021 or SOC 001.	

Total Units 13

Interession	Course Code	Course	Units	Notes	Advising Notes
GE Course	UC/CSU	UC/CSU elective	2 to 3	To meet 60 units total, take any UC/CSU transferable.	

Total Units 2 to 3

Semester 4	Course Code	Course	Units	Notes	Advising Notes
Program Course	PHYSIOL 001	Introduction to Human Physiology	4	BIOLOGY 020 is Anatomy and Physiology combined. It may be substituted but is a fast paced class. Check with your transfer school to see which track is preferred.	This course is available on main campus and South Gate. This course is also offered hybrid online.
GE Course	IGETC 3A		3		
GE Course	IGETC 3B		3		
GE Course	IGETC 3A or 3B		3		

Total Units 14

Degree Path and Requirements:

The Associate of Science in Public Health for Transfer (AS-T) degree offered, by the Life Science Department, is intended for students who plan to transfer and complete a Bachelor's degree in Public Health Science or a related field at a California State University (CSU) campus. Curriculum requirements for the AS-T in Public Health Science will prepare students for careers in public health by exposing them to epidemiology, the study of the distribution and determinants of disease and other health issues, and contemporary health issues such as emerging diseases, the impact of an ageing population in the community, and the costs of health care.

This map is a suggested term-by-term sequence of courses to complete the program in a recommended time frame. This is an efficient and recommended plan, but actual plans may vary by individual student need. This map cannot replace a meeting with [counselors](#).

Department Advising Notes:

The department recommends taking CHEM 065 early in the pathway because the course is the prerequisite for CHEM 101, PHYSIOL 001 and BIOLOGY 020. This map has been designed with 2 maximum STEM courses per semester, for optimal success and course balance.

Program Description

To earn the AS-T in Public Health Science, students must complete the following: Completion of 60 semester units or 90 quarter units of degree-

applicable courses, Minimum overall grade point average of 2.0, Minimum grade of "C" (or "P") for each course in the major, and Completion of IGETC and/or CSU GE-Breadth.

Career and Transfer Opportunities

This degree leads to employment in Nursing, Physicians Assistant, Pharmacy, and Physical Therapy. This degree is not a pathway to medical school. Here is a [career option](#) related to this pathway.

Students are strongly encouraged to consult with a counselor for more information regarding university admission and transfer requirements, as this AS-T in Public Health Science may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

Visit the [Transfer Center](#) for transfer information, which varies based on transfer college. Make an appointment with a [counselor](#). Students can visit [Career and Job Services](#) for career counseling and further exploration.

Youtube Videos

[Epidemiologists](#)

Program Map

A suggested sequence of classes to complete a degree, certificate, or program of study. Students should consult an academic counselor for variations to this plan based on part-time or full-time status, transfer plans, pre-requisites needed, etc.

Prerequisite Course

A specific course that must be completed before advancing to the next course.

Check the online catalog at elac.edu for the latest and most accurate information.

Contact

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