

PRE-HEALTH PROFESSIONS, ASSOCIATE IN SCIENCE

The Associate in Science in Pre-Health Professions degree prepares students for further study in a variety of health professions. While designed for programs offered within the Ventura County Community College District, including, dental hygiene, nursing, and radiologic technology, completion of this major may prepare students for transfer into other two and four year health professions programs. These include, but are not limited to nursing, radiologic technology, physician's assistant, respiratory technology, sonography, nuclear medicine, pharmacy, clinical laboratory assistant, occupational therapy, veterinary technology, and other related fields. Students completing the program will obtain classroom and hands-on laboratory experience needed in the sciences and required general education courses required to complete Associate degrees or prepare for transfer. Admission requirements vary by program and by college or university, therefore it is recommended that students work with a Counselor when selecting courses.

Course ID	Title	Units/ Hours
Required Core Courses		23
BIOL R101 or BIOL R101H	General Biology Honors: General Biology	
BIOL R101L	General Biology Laboratory	
CHEM R104 or CHEM R110 or CHEM R112	General, Organic, and Biological Chemistry Elementary Chemistry Elementary Organic and Biological Chemistry	
ANAT R101	General Human Anatomy	
PHSO R101	Human Physiology	
MICR R100	Principles of Microbiology	
MICR R100L	Principles of Microbiology Laboratory	
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ENGL R101 or ENGL R101H	College Composition Honors: College Composition	
PSY R101 or PSY R101H	General Psychology Honors: General Psychology	
PSY R108	Developmental Psychology	
COMM R101	Introduction to Oral Communication	
SOC R101 or SOC R101H	Introduction to Sociology Honors: Introduction to Sociology	
ANTH R102 or ANTH R102H	Introduction to Cultural Anthropology Honors: Introduction to Cultural Anthropology	
Choose one of the following Critical Thinking courses		3-4
ENGL R102 or ENGL R102H	Critical Thinking through Composition and Literature Honors: Critical Thinking through Composition and Literature	
ENGL R128	Composition and Critical Thinking through Non-Fiction	
PHIL R107	Introduction to Logic	
PHIL R112	Symbolic Logic	
Choose one of the following Statistics courses		3-4
MATH R105	Introductory Statistics	

or MATH R105H Honors: Introductory Statistics		
PSY R103	Beginning Statistics for Behavioral Science	
SOC R125	Statistics for the Behavioral and Social Sciences	
Choose one of the following American Institutions courses		3
CHST/HIST R107	History of Mexicans in the United States	
HIST R108	African-American History	
HIST R117	History of American Women	
HIST R130 or HIST R130H	History of the United States I Honors: History of the United States I	
HIST R140 or HIST R140H	History of the United States II Honors: History of the United States II	
POLS R100	Introduction to Politics	
POLS R101	Government of the United States I: Institutions and Politics	
POLS R102	Introduction to Law and Society	
Choose one course from General Education area C1 Fine/Performing Arts		3
Choose one course from General Education area C2 Humanities		3
Choose one Kinesiology activity course from General Education area E		1-2
Choose one of the following Health courses		3
HED R105	CPR, AED, First Aid, and Personal Safety	
HED R114	Introduction to Nutrition Science	
Total Required Major Units		55-63
Oxnard College General Education		29
Double-Counted Units		- 29
Free Electives Required		0-5
Total required units for the A.S. Degree		60-63
OR		
Total Required Major Units		55-63
CSU GE-Breadth		39
Health (fulfilled within the major)		0
Kinesiology Activity		1
Double-Counted Units		- 33
Free electives required		0
Total required units for the A.S. Degree		61-69
General Education requirements: Students will be allowed to choose the general education pattern that best aligns with their educational goals and transfer destination from those offered by Oxnard College including the Oxnard College General Education pattern or CSU GE-Breadth.		
Year 1		
Fall Semester		Units/Hours
BIOL R101 or BIOL R101H	General Biology or Honors: General Biology	3
BIOL R101L	General Biology Laboratory	1
ENGL R101 or ENGL R101H	College Composition or Honors: College Composition	4
COMM R101	Introduction to Oral Communication	3
MATH R105 or MATH R105H	Introductory Statistics or Honors: Introductory Statistics	4
Units/Hours		15
Spring Semester		
CHEM R104 or CHEM R110	General, Organic, and Biological Chemistry or Elementary Chemistry	5

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ANAT R101	General Human Anatomy	4
SOC R101 or SOC R101H	Introduction to Sociology or Honors: Introduction to Sociology	3
ANTH R102 or ANTH R102H	Introduction to Cultural Anthropology or Honors: Introduction to Cultural Anthropology	3
Units/Hours		15
Year 2		
Fall Semester		
PHSO R101	Human Physiology	5
PSY R101 or PSY R101H	General Psychology or Honors: General Psychology	3
Choose one course from American Institutions		3
Choose one course from area C1 Fine/Performing Arts		3
Choose one Kinesiology activity course from area E		1
Units/Hours		15
Spring Semester		
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Laboratory	2
PSY R108	Developmental Psychology	3
Choose one course in Critical Thinking from the following: ENGL R102, ENGL R102H, ENGL R128, PHIL R107, or PHIL R112		3
Choose one course from area C2 Humanities		3
HED R105 or HED R114	CPR, AED, First Aid, and Personal Safety or Introduction to Nutrition Science	3
Units/Hours		17
Total Units/Hours		62

Upon successful completion of this program, students will be able to:

- Apply the scientific method in order to explain natural phenomena.
- Analyze and present biological data in a graphical format.
- Use acquired knowledge of biology to evaluate current events.
- Communicate core concepts central to biology using scientific terminology.