



PUBLIC HEALTH SCIENCE

Associate in Science Degree for Transfer

The AS-T in Public Health Science provides preparation for students interested in careers in public health. Some of the careers opportunities for those who study public health include epidemiologists, community health workers, environmental scientists, health educators, public health officers, biostatisticians, clinical research coordinators, nonprofit coordinators, research assistants, healthcare consultants, hospital administrators, clinical trials analysts, infection control officers, project managers, public health nurses, nutritionists, and behavioral scientists. The Associate in Sciences Degree in Public Health Science for Transfer (Public Health Science AS-T) is intended for students who plan to complete a bachelor's degree in Public Health Science or Health Science or a "similar" major at a CSU campus.

Required Core Courses		Units
HED R113	Introduction to Public Health Science	3.0
HED R104	Personal Health and Wellness **Advisories: ENGL R097 or ENGL R100	3.0
ANAT R101	Human Anatomy *Prerequisites: ENGL R097 and BIOL R101 or BIOL R101H and BIOL R101L and MATH R015 or MATH R005 or MATH R014 or MATH R033	4.0
PHSO R101	Human Physiology *Prerequisites: ANAT R101 and CHEM R104 or CHEM R110 and ENGL R097 and MATH R005 or MATH R014 or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process	5.0
BIOL R101/H	General Biology/ Honors **Advisories: ENGL R095 and ENGL R097 or ENGL R100 or ENGL R101 or placement based on multiple measurements assessments	3.0
BIOL R101L	General Biology Laboratory *Prerequisites: BIOL R101 or BIOL R101H or concurrent enrollment **Advisories: MATH R002 or MATH R005 or MATH R015	1.0
PSY R101/H	General Psychology/ Honors	3.0
Choose one course in Chemistry		
CHEM R110	Elementary Chemistry *Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or 1 year high school algebra or equivalent or placement as determined by the college's multiple measures assessment process	5.0
CHEM R120	General Chemistry I *Prerequisites: CHEM R110 and MATH R015 or MATH R005 or MATH R014 or MATH R033 or placement as determined by the college's multiple measures assessment process	5.0
Choose one course in Statistics		
MATH R105/H	Introductory Statistics/ Honors *Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or MATH R033 or placement as determined by the college's multiple measures assessment process	4.0
PSY R103	Beginning Statistics for Behavioral Science *Prerequisites: PSY R101 or PSY R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process	3.0
SOC R125	Statistics for the Behavioral and Social Sciences *Prerequisites: MATH R005 or MATH R014 or MATH R014B or MATH R015 or MATH R032 or placement as determined by the college's multiple measures assessment process	3.0

LIST A:

Select one course (**3-5 units**. If a Biology course is selected, the corresponding Biology lab must also be taken.)

ECON R101	Introduction to the Principles of Macroeconomics	3.0
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ECON R102	<i>*Prerequisites: MATH R002 or MATH R005 or MATH R011 or MATH R015 or Placement as determined by the college's multiple measures process</i> Introduction to the Principles of Microeconomics	3.0	
HED R103	Women's Health	3.0	
HED R114	Introduction to Nutrition Science	3.0	
PSY R110	Human Sexuality	3.0	
SOC R101/H	Introduction to Sociology	3.0	
COMM R101	Introduction to Oral Communication <i>**Advisories: ENGL R101*</i>	3.0	
[BIOL R120	Principles of Biology I <i>*Prerequisites: CHEM R120 and MATH R005 or MATH R015 or placement based on multiple measurements assessments</i> <i>**Advisories: ENGL R097 or ENGL R100 or ENGL R101</i>	4.0
	-and-		
	BIOL R120L	Principles of Biology I Lab: Intro. to Cellular and Molecular Biology <i>*Prerequisites: BIOL R120 or concurrent enrollment</i>	1.0
[BIOL R122	Principles of Biology II <i>*Prerequisites: BIOL R120 and BIOL R120L and ENGL R100 or ENGL R101 or ENGL R101H and MATH R005 or MATH R014 or MATH R014B or MATH R015 or placement as determined by the college's multiple measures assessment process</i>	4.0
	-and-		
	BIOL R122L	Principles of Biology II Lab <i>*Prerequisites: BIOL R120 and BIOL R120L and BIOL R122 or concurrent enrollment</i>	1.0
MATH R106	Business Calculus <i>*Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i> <i>**Advisories: MATH R115</i>	4.0	
MATH R115	College Algebra <i>*Prerequisites: MATH R014 or MATH R014B or MATH R015 or MATH R033 or placement as determined by the college's multiple measures assessment process</i>	4.0	
MATH R120	Calculus with Analytic Geometry I <i>*Prerequisites: MATH R115 or MATH R116 or MATH R117 or placement as determined by the college's multiple measures assessment process</i>	5.0	
PHYS R121	Physics with Calculus 1 <i>*Prerequisites: MATH R120</i>	5.0	
PHYS R122	Physics with Calculus 2 <i>*Prerequisites: MATH R121 and PHYS</i>	5.0	
PHYS R131	Physics for Scientists and Engineers 1 <i>*Prerequisites: MATH R120</i>	5.0	
PHYS R132	Physics for Scientists and Engineers 2 <i>*Prerequisites: MATH R121 and PHYS R131</i>	5.0	
Total Required Major Units		33-36	
CSU General Education or IGETC Pattern		37-39	
Double-Counted Units		-(13-21)	
Electives (CSU Transferable units needed to reach 60)		+ 0-6	
Total units required for the AST Degree		60.0	