

BA ENVIRONMENTAL STUDIES		SOIL SCIENCE AND HYDROLOGY CONCENTRATION	
Academic Year: 2021-2022		64 Program/Cognate Credits	
All Environmental Studies majors must earn a <b>2.0 GPA</b> in all NAMS courses taken at Stockton		ENVL 3432 Soil Science	(4)
		ENVL 4300/05 Environmental Issues (seniors only)	(4)
<b>ENVL majors must earn a minimum grade of C in ENVL 1100, 2100/05, 2200/2205, 2400, 2600, 4300/4305, +4800/4900</b>		ENVL 4800/4900 Senior Project/Internship	(1-4)
BIOL 1200/05 Cells & Molecules w/lab <b>OR</b> BIOL 1400/05 Biodiversity & Evolution w/lab	(5)	<b>Choose ONE Math:</b> MATH 1100 Precalculus; MATH 2215 Calculus I; MATH 2210 Calculus for Life Science	(4-5)
CHEM 2110/15 Chemistry I w/lab	(4-5)	<b>Choose ONE or more of the following to reach 64 program/cognate credits:</b> ENVL 3302 Geographic Info. Systems; ENVL 3426 Freshwater Ecology; ENVL 3431 Field Soil Morphology; ENVL 3428 Wetland Soils <b>OR</b> ENVL 3531 Soil Chemistry; ENVL 3431 Field Soil Morphology; ENVL 3434 Watershed Hydrology <b>OR</b> ENVL 3435 Groundwater Hydrology (whichever was not chosen above); ENVL 3430 Geomorphology: Terrain Analysis ; GEOL 4371 Geophysics <b>OR</b> GEOL 3211 Mineralogy	(4-5)
<b>Choose One:</b> GEOL 2101/05 Physical Geology w/lab <b>OR</b> PHYS 2220/25 Physics I w/lab (grad school preference) <b>OR</b> PHYS 2110/15 Physics for Life Sciences w/lab <b>OR</b> ECON 1200 Macroeconomics <b>OR</b> ECON 1400 Microeconomics	(4-6)		
ENVL 1100 Intro to Environmental Studies	(4)		
ENVL 2100/05 Physical Geography w/lab	(5)		
ENVL 2200/05 Ecological Principles w/lab	(5)		
ENVL 2400 Statistical Analysis of Ecological Systems	(4)	<b>CHOOSE ENVL or other NAMS courses to equal 64 total program credits.</b> Courses in POLS, ECON, PUBH & others may count as cognates with PRIOR approval of preceptor	( )
ENVL 2600 ENVL Studies Seminars up to 3 times	(1-3)		
ENVL 3434 Watershed Hydrology <b>OR</b> ENVL 3435 Ground Water Hydrology	(4)		
Additionally, General Studies (e.g. G-course distribution, W, Q and AHVI) and ASD course requirements need to be fulfilled. W, Q and AHVI attributes can be fulfilled via G-course requirements, program/cognate requirements or taken as ASD credits. In addition, check the Stockton's Degree Requirements section in this <i>Bulletin</i> .			
Please refer to the program <a href="#">website</a> for information about requirements, prerequisites, further details about the curriculum, and curriculum updates.			
Students should consult with their preceptor and/or the <a href="#">Center for Academic Advising</a> on a regular basis to ensure that all graduation requirements have been met.			