

BS ENVIRONMENTAL SCIENCE		SOIL SCIENCE AND HYDROLOGY CONCENTRATION	
Academic Year: 2021-2022		80 Program/Cognate Credits	
All Environmental Studies majors must earn a 2.0 GPA in all science and math courses taken at Stockton.		ENVL 3434 Watershed Hydrology OR ENVL 3435 Ground Water Hydrology	(4)
ENVL majors must earn a minimum grade of C in ENVL 1100, 2100/05, 2200/2205, 2400, 2600, 4300/4305, +4800/4900		ENVL 4300/05 Environmental Issues (seniors only)	(4)
		ENVL 4800/4900 Senior Project/Internship	(1-4)
BIOL 1200/05 Cells & Molecules w/lab OR BIOL 1400/05 Biodiversity & Evolution w/lab	(5)	Choose ONE Math: MATH 2210 Calculus for Life Science; MATH 2215 Calculus I (required for grad school)	(5)
CHEM 2110/15 Chemistry I w/lab AND CHEM 2120/25 Chemistry II (Organic) w/lab OR CHEM 2140 Chemistry IV w/lab	(10)	Choose 8 credits from the following:	
		ENVL 3428 Wetland Soils OR ENVL 3531 Soil Chemistry	(8)
		ENVL 3302 Geographical Information Systems	
		ENVL 3434 Watershed Hydrology OR ENVL 3435 Groundwater Hydrology (whichever wasn't chosen above)	
ENVL 1100 Intro to Environmental Studies	(4)	ENVL 3426 Freshwater Ecology	
ENVL 2100/05 Physical Geography w/lab	(5)	ENVL 3431 Field Soil Morphology (up to 3 times)	
ENVL 2200/05 Ecological Principles w/lab	(5)	ENVL 3430 Geomorphology: Terrain Analysis	
ENVL 2400 Statistical Analysis of Ecological Systems	(4)	GEOL 4371 Geophysics OR GEOL 3211 Mineralogy	
ENVL 2600 ENVL Studies Seminars up to 3 times	(1-3)	Choose ENVL or other NAMS courses to equal 80 total program credits. Courses in POLS, ECON, PUBH & others may count as cognates with approval of preceptor	()
ENVL 3432 Soil Science	(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 website for information about requirements, prerequisites, further details about the curriculum, and curriculum updates.			
Students should consult with their preceptor and/or the Center for Academic Advising on a regular basis to ensure that all graduation requirements have been met.			