

| BS ENVIRONMENTAL SCIENCE   |       | PLANNING AND GIS CONCENTRATION  |       |
|--|-------|---|-------|
| Academic Year: 2021-2022   |       | 80 Program/Cognate Credits  |       |
| All Environmental Science majors must earn a <b>2.0 GPA</b> in all science and math courses taken at Stockton.   |       | ENVL 4800/4900 Senior Project/Internships<br><br><b>Choose 8 CREDITS (or more) of the following to reach 80 program/cognate credits:</b> ENVL 3303 Advanced Geographic Info. Systems; ENVL 3304 Remote Sensing; ENVL 3307 Geodatabase Design (2 credits); ENVL 3308 Introduction to LiDAR (2 credits); ENVL 3310 Environmental Planning OR ENVL 3311 Regional Planning; ENVL 3313 Natural Resources Policy and Law; ENVL 3440 Sustainability: Food & Agriculture; ENVL 3443 Energy Planning; ENVL 4201 Introduction to Spatial Statistics (2 credits); ENVL 4202 Applications in Terrestrial LiDAR Data Acquisition, Processing & Analysis; ENVL 4622 Global Positioning Systems for Geographic Information Systems | (1-4) |
| <b>ENVL majors must earn a minimum grade of C in ENVL 1100, 2100/05, 2200/2205, 2400, 2600, 4300/4305, +4800/4900</b>  |       |   | (≥ 8) |
| BIOL 1200/05 Cells & Molecules w/lab <b>OR</b> BIOL 1400/05 Biodiversity & Evolution w/lab   | (5)   |   |       |
| CHEM 2110/15 Chemistry I w/lab <b>AND</b> CHEM 2120/25 Chemistry II (Organic) w/lab <b>OR</b> CHEM 2140 Chemistry IV w/lab   | (10)  |   |       |
| ENVL 1100 Intro to Environmental Studies   | (4)   |   |       |
| ENVL 2100/05 Physical Geography w/lab  | (5)   |   |       |
| ENVL 2200/05 Ecological Principles w/lab   | (5)   |   |       |
| ENVL 2600 ENVL Studies Seminars up to 3 times  | (1-3) |   |       |
| ENVL 3302 Geographic Information System  | (4)   |   |       |
| ENVL 3310 Environmental Planning <b>OR</b> ENVL 3311 Regional Planning   | (4)   |   |       |
| ENVL 4300/05 Environmental Issues w/lab (seniors only)   | (4)   | <b>Choose ENVL or other NAMS courses to equal 80 total program Credits.</b> Courses in POLS, ECON, PUBH & others may count as cognates with PRIOR approval of Preceptor   | ( )   |
| PHYS 2200/25 Physics I w/lab (grad school preference) <b>OR</b> PHYS 2110/15 Physics for Life Sciences w/lab <b>OR</b> GEOL 2101/05 Physical Geology w/lab   | (5-6) | <b>Choose ONE Math:</b> MATH 2210 Calculus for Life Science; MATH 2215 Calculus I (required for grad school)  | (5)   |
| 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.  |       |   |       |