B.A. – ENVIRONMENTAL STUDIES
SOIL SCIENCE AND HYDROLOGY CONCENTRATION

All Environmental Studies majors must earn a 2.0 GPA in all science and math courses taken at Stockton.

Core Course Requirements: 64 credits

Required Cognate Classes (5 credit courses)
- BIOL 1200/05 Cells & Molecules w/lab OR
- BIOL 1400/05 Biodiversity and Evolution w/lab
- CHEM 2110/15 Chemistry I w/lab OR
- CHEM 2120/25 Chemistry II (Organic) w/lab OR
- CHEM 2140 Chemistry IV w/lab
- GEOL 2101/05 Physical Geology w/lab OR
- PHYS 2200/25 Physics I w/lab (grad school pref) OR
- PHYS 2110/15 Physics for Life Sciences I w/lab OR
- ECON 1200 Macroeconomics OR
- ECON 1400 Microeconomics

ENVL majors must earn a minimum grade of C in ENVL 1100, 2100/05, 2200/05, 2400, 2600, 4300/05, 4600, +4800/4900

Choose ONE or more of the following to reach 64 credits
P/C:
- ENVL 3241 Pollution and Regulation OR
- ENVL 4446 Remediation and Biotechnology
- ENVL 3302 Geographic Info. Systems
- ENVL 3426 Freshwater Ecology
- ENVL 3431 Field Soil Morphology
- ENVL 3531 Soil Chemistry
- GEO 4371 Geophysics OR
- GEO 3231 Sedimentology and Stratigraphy OR
- GEO 3211 Mineralogy

Choose ENVL or other NAMS courses to equal 64 total prog. credits. Courses in POLS, ECON, PUBH & others may count as cognates with PRIOR approval of Preceptor.

Choose ONE Math (4-5 credit courses)
- MATH 1100 Precalculus
- MATH 2215 Calculus I
- MATH 2210 Calculus for Life Science

General Studies Requirements: 64 credits Total

32 Credits in ‘G’ Category Courses

Q1           Q2            Q1 or Q2

General Arts and Humanities (GAH) – up to 8 credits
General Natural Science & Math (GNM) – up to 8 credits
General Social Science (GSS) – up to 8 credits

*Must be taken junior or senior year

At Some Distance Electives: 32 credits

Courses unrelated to your major

Choose ONE or more of the following to reach 64 credits

W1           W1/W2

Choose ONE Math (4-5 credit courses)

W1/W2

W1/W2 – 3000 level

Quantitative Reasoning Requirements (3 courses)

Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton

Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton

General Studies Outcome Requirement

These courses are listed as attributes and should be completed within the 128 credits needs to graduate.

Arts (A)
Values/Ethics (V)
Historical Consciousness (H)
International/Multicultural (I)

*The student is responsible for insuring that all graduation requirements are met* (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis. Prerequisites must be met; consult the Catalog of Courses for information.