B.A. – ENVIRONMENTAL STUDIES
PLANNING AND GIS 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 2210/15 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**

☐ ENVL 1100 Intro to Environmental Studies (4)
☐ ENVL 2100/05 Physical Geography (5)
☐ ENVL 2200/05 Ecological Principles (5)
☐ ENVL 2400 Statistical Analysis of Ecological Systems (4)
☐ ENVL 2600 ENVL Studies Seminars up to 3x's (1)
☐ ENVL 3302 Geographic Information System (4)
☐ ENVL 3310 Environmental Planning & Policy (4) OR
☐ ENVL 3311 Regional Planning (4)
☐ ENVL 4300/05 Environmental Issues (seniors only) (4)
☐ ENVL 4800/4900 Sr. Project/Internship (1-4)

Choose 8 credits (or more) of the following to reach 64 credits P/C:
☐ ENVL 3303 Advanced Geographic Info. Systems
☐ ENVL 3304 Remote Sensing
☐ ENVL 3307 Geodatabase Design (2 credit)
☐ ENVL 3308 Introduction to LiDAR (2 credit)
☐ ENVL 3311 Regional Planning OR
☐ ENVL 3310 Environmental Planning & Policy (4)
☐ ENVL 3313 Natural Resource Policy and Law
☐ ENVL 3440 Sustainability Food & Agriculture
☐ ENVL 3443 Energy Planning
☐ ENVL 4201 Introduction to Spatial Statistics (2 credit)
☐ ENVL 4622 GPS (strongly advise)

**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. ENVL/Cognate ________________

ENVL/Cognate ________________ ENVL/Cognate______________

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

**General Studies Outcome Requirement**

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

Arts (A) ☐ Historical Consciousness (H) ☐
Values/Ethics (V) ☐ 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.