B.S. – ENVIRONMENTAL STUDIES
FORESTRY CONCENTRATION

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

### Core Course Requirements: 80 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 **AND**
- CHEM 2120/25 Chemistry II (Organic) w/lab **OR**
- CHEM 2140 Chemistry IV w/lab

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 3416 Dendrology (4)
- ENVL 3419 Ecology Forest Management (4)
- ENVL 3429 Forest Measurements (4)
- ENVL 4300/05 Environmental Issues (seniors only) (4)
- ENVL 4800/4900 Sr. Project/Internship (1-4)
- MATH 1100 Precalculus (if needed) **OR** Cognate ________

Choose ONE
- GEOL 2101/05 Physical Geology w/lab
- PHYS 2200/25 Physics 1 w/lab (grad school pref)
- PHYS 2110/15 Physics for Life Sciences w/lab

**Choose ENVL or other NAMS courses to equal 80 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 from the following upper-level courses if schedule permits:
- ENVL 3121 Wildlife Management
- ENVL 3302 Geographic Information System
- ENVL 3304 Remote Sensing
- ENVL 3311 Regional Planning
- ENVL 3432 Soil Science
- ENVL 3434 Watershed Hydrology
- ENVL 3308 Introduction to LiDAR (2 credits)
- ENVL 4201 Introduction to Spatial Statistics (2 credits)
- BIOL 2110 Genetics w/lab

**Choose ONE Math (5 credit courses)**
- MATH 2210 Calculus for Life Science
- MATH 2215 Calculus I (required for grad school)

### General Studies Requirements: 48 credits Total

#### 32 Credits in ‘G’ Category Courses

- General Interdisciplinary (GEN) – up to 4 credits
- General Integration & Synthesis (GIS) – up to 4 credits*
- 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: 16 credits**

Courses unrelated to your major

- _________   _________   _________   _________

**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)

**Writing Requirement (4 courses)**

Two W1 courses may be in transfer. W2 courses must be taken at Stockton

- W1 __________________________  W1/W2 __________________________
- W1/W2 __________________________

**Quantitative Reasoning Requirements (3 courses)**

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

- Q1 ______________ Q2 ______________ Q1 or Q2 ______________

*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.