

B.S. – CHEMISTRY

ENVIRONMENTAL CONCENTRATION

Core Course Requirements: 80 credits

A grade of “C-” or higher must be earned in all CHEM courses.

Student must have overall 2.0 GPA for CHEM courses

- CHEM 2110/15 General Chemistry I w/lab (5)
- CHEM 2120/25 Chemistry II: Organic w/lab (5)
- CHEM 2130 Chemistry III (4)
- CHEM 2140 Chemistry IV (4)
- CHEM 3025 Organic Techniques (1)
- CHEM 3110 Inorganic Chemistry (4)
- CHEM 3310 Laboratory Methods I (4)
- CHEM 3320 Laboratory Methods II (4)
- CHEM 3410 Physical Chemistry I (4)
- CHEM 3530 Environmental Chemistry (4)
- CHEM 3580 Atmospheric Chemistry (4)
- CHEM 4600 Seminar (2)
- MATH 2215 Calculus I (5)
- ENVL 3301 Basic Geo. Information Systems **OR** (4)
- ENVL 3302 GIS (4)
- ENVL 3334 Water Chemistry (4)
- ENVL 3432 Soil Science w/lab (4)
- ENVL 4446 Environ. Remediation & Biotech (4)
- ENVL 3434 Watershed **OR** (4)
- ENVL 3435 Groundwater Hydrology (4)
- PHYS 2110/15 Physics for Life Science I w/lab (5)
- PHYS 2120/25 Physics for Life Science II w/lab (5)

Choose ONE course:

- CHEM 4800/4900 Senior Project or Internship (2-4)
- CHEM 4810 Senior Project (0-4)

Other CHEM/Cognates if needed to equal program total of 80 credits

- CHEM/Cognate _____
- CHEM/Cognate _____
- CHEM/Cognate _____

General Studies Requirements: 48 credits Total

32 Credits in 'G' Category Courses

No more than 12 credits in any one “G” category may be applied towards the BS degree

- General Interdisciplinary (GEN) – 4 credits
- General Integration & Synthesis (GIS) – 4 credits*
- General Arts and Humanities (GAH) – 8 credits
- General Natural Science & Math (GNM) – 8 credits
- General Social Science (GSS) – 8 credits

*Must be taken junior or senior year

Quantitative Reasoning Requirements (3 courses)

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

Q1 _____ Q2 _____ Q1 or Q2 _____



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) Historical Consciousness (H)
- Values/Ethics (V) 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 _____

W1/W2–3000 level _____