

ENVIRONMENTAL SYSTEMS / ENVIRONMENTAL CHEMISTRY DEGREE CHECK LIST

2020/2021

LOWER-DIVISION CORE REQUIREMENTS (All courses must be taken for a Letter Grade)

Biology BILD 3 _____
Math 20A _____ 20B _____ 20C _____ 20D _____
Chemistry 6A _____ 6B _____ 6C _____ 7L _____ 40A _____ 40B _____ 43A _____
Physics 2A _____ 2B _____ 2C _____ 2CL _____
Economics 1 _____

UPPER-DIVISION CORE REQUIREMENTS

ESYS 101 _____ Environmental Biology
ESYS 102 _____ The Solid and Fluid Earth
ESYS 103 _____ Environmental Challenges: Science and Solutions
ECON 131 _____ Economics of the Environment (Econ 2 prereq must be waived by Econ dept.)
POLI160AA _____ Intro to Policy Analysis

CHEM 100A _____ Analytical Chemistry Laboratory
CHEM 100B _____ Instrumental Chemistry Laboratory

UPPER-DIVISION ELECTIVES

Students must select three courses from the list below

CHEM 171 _____ Environmental Chemistry
CHEM 172 _____ Environmental Chemistry
CHEM 173 _____ Atmospheric Chemistry
SIO 141/Chem 174 _____ Chemical Principles of Marine Systems
MATH 183 _____ Statistical Methods
CHEM 125 _____ Bioinorganic Chemistry
CHEM 126 _____ Physical Chemistry: Quantum Mechanics
CHEM 127 _____ Physical Chemistry: Thermodynamics
SIO 102 _____ Introduction to Geochemistry

Other courses may be substituted by petition.

ENVIRONMENTAL SYSTEMS SENIOR INTERNSHIP AND PROJECT (required of all majors)

ESYS 187A _____ Integrative Project Qtr 1 (4 units)
ESYS 187B _____ Integrative Project Qtr 2 (4 units)
ESYS 187C _____ Senior Seminar (4 units)