ENVIRONMENTAL SCIENCE

Environmental science is a multidisciplinary branch of science that focuses on understanding environmental systems, identifying and addressing human impacts on the environment, and connecting sound science to policy decisions. The Environmental Science major at COS will challenge students to strengthen their understandings of the natural and physical sciences and takes advantage of the rich environmental science laboratory we live in by engaging students in local environmental research or work experience. This program will provide academic preparation for students who intend to transfer to a four-year institution.

Requirements for the major

Core – Complete the following:

_____ ENVS 1002 – Environmental Science-------------------------------------------4

Environmental science research or work-related project – Complete one of the following:

_____ BIO 2929 – Special Studies in Biology---------------------------------1
_____ BIO 2949 Work Experience in Biology---------------------------------1
_____ CHEM 2929 – Special Studies in Chemistry--------------------------------1

Biology & Chemistry – Complete one of the following sequences:

_____ BIO 2100 – General Biology I: The Unity of Life-------------------5
_____ BIO 2200 – General Biology II: The Diversity of the Life and Ecology-------------------5

OR

_____ CHEM 2000 – General Chemistry I---------------------------------5
_____ CHEM 2100 – General Chemistry II--------------------------------5

Geology & Physics – Complete one of the following:

_____ GEOL 1140 – Oceanography---------------------------------3
_____ GEOL 1210 – Physical Geology---------------------------------4
_____ GEOL 1220 – Historical Geology---------------------------------4
_____ PHYS 1105 – General Physics I---------------------------------4
_____ PHYS 2105 – Mechanical Physics, Oscillations, and Waves----------4

Total Units ----------------------------------------------------------18-19

A grade of C or better is required for all major courses.

Updated: 09/17/12