

MATH114R : Mathematics for the Environment

Mathematics for the Environment is a course that allows students to apply fundamental concepts in mathematics to the study of topics such as climate, economics, population growth, health care, energy, and media literacy. In order to better understand the mathematics presented in these areas, students will study the language of mathematics including patterns, logic, induction, deduction, axioms, proof, number properties, relations, functions, counting techniques, combinations, and permutations. The course emphasizes quantitative literacy, writing, problemsolving skills, and habits of the mind as students engage in a critical analysis of our environment through the use of mathematics.

Credits 4

Lab Hours 3

Lecture Hours 3