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The field of Ecology explores the interactive web of organisms and the environment. Studies in evolution consider the processes by which modern organisms have developed from ancestral ones. The Ecology and Evolution major is a good choice for students interested in the fundamental questions of the evolutionary origins of organisms and how they survive or don't survive, in their changing habitats. Within this major, students have the opportunity for in-depth study of the morphological and physiological adaptations of a variety of animals, plants, and microorganisms to a changing world, the ecological relationships of organisms from the individual to the global scale, and the mechanisms that drive evolutionary change.

Quantitative track

CHEM 0110 General Chemistry 1

CHEM 0120 General Chemistry 2

MATH 0220 Analytic Geometry and Calculus 1

MATH 0230 Analytic Geometry and Calculus 2

STAT 1000 Applied Statistical Methods

STAT 1221 Applied Regression

STAT 1261 Principles of Data Science

STAT 1301 Statistical Packages

Environmental track

CHEM 0110 General Chemistry 1

CHEM 0120 General Chemistry 2

GEOL 0055 Geology Laboratory

GEOL 0820 Natural Disasters **or** GEOL 0840 Environ.Science

GEOL 1030 The Atmosphere, Oceans, and Climate

GEOL 1445, GIS, GPS, and Computer Methods

GEOL 1516 Environmental Geochemistry

MATH 0220 Analytic Geometry and Calculus 1

STAT 1000 Applied Statistical Methods

