The field of Ecology explores the interactive web of organisms and the environment. Studies in evolutionconsider the processes by which modern organisms have developedfrom ancestral ones. The *Ecology and Evolution* major is a good choice for studentsinterested in the fundamental questions of the evolutionaryorigins of organisms and how they survive, or don't survive, in theirchanging habitats. Withinthis major, students have the opportunity for in-depthstudy of the morphological and physiological adaptations of a variety of animals, plants and microorganisms to a changing world, the ecologicalrelationships of organismsfrom the individual to the global scale, and the mechanismsthat drive evolutionary change.

Employmentopportunities in the ecological sciences have increasedgreatly in recentyears. There continues to be a demand for well-trainedprofessionals at all levels (BS, MS, and PhD). Governmentenvironmentalagencies, commercial consulting and testingfirms, waste management industries, researchlaboratories, and naturalhistory and science museums are just a few of the careeropportunities. Graduatedepartments of ecology, evolution, environmental sciences, genetics, botany, public policy, and public health are activelyseekingwell-qualifiedstudentsseeour guide for applying to graduateschools for more information). The requiredchemistry, physics, and mathematics courses incorporate the requirements for admission to medical, dental, and otherhealth-professionalschools. An ecology and evolution major couldalso serve as a springboard to a career in law.