GENETICS (PH.D.)

https://colsa.unh.edu/mcbs/genetics-graduate-programs/genetics-phd

Description

The University of New Hampshire graduate program in genetics provides outstanding and diverse research opportunities in genetics and genomics. As an interdisciplinary program made up of faculty from multiple programs and from the Hubbard Center for Genome Studies, the genetics program integrates disciplines ranging from molecular and cellular biology to environmental and evolutionary genetics and genomics, in microbial, plant, and animal systems.

Requirements

The coordinator of the genetics graduate program, with the concurrence of the student's thesis adviser, nominates the student's guidance and doctoral committees, which administer the qualifying and final examinations, respectively. Doctoral students are expected to have a broad exposure to genetics courses, exceeding that required of master's degree students. Specific course requirements are developed by the student and the guidance committee. Students must attend MCBS 997 Seminar, each semester and present one seminar per year. Upon completion of coursework, the student must pass written and oral qualifying examinations conducted by the guidance committee in order to advance to candidacy. Doctoral students must complete a dissertation on original research in genetics, give a public seminar, and orally defend their dissertation before the doctoral committee.