**Major Advisers.** Bruce A. Jaffee, Ph.D., Professor Emeritus; Steven A. Nadler, Ph.D., Professor; Howard Ferris, Ph.D., Professor; Edward P. Caswell-Chen, Ph.D., Professor.

**Faculty.** Michael Parrella, Ph.D., Chairperson of the Department of Entomology and Nematology, on page 293, for further information. Please see the department of Entomology and Nematology for more detailed information.

**Courses in Nature and Culture (NAC)**

**Upper Division**

192. Internship in Nature and Culture (1-12)

Internship—3-36 hours. Prerequisite: course 1. Internship in natural sciences, social sciences, or humanities on or off campus in which students use and improve their interdisciplinary skills and perspectives gained through the Nature and Culture curriculum. Supervised by a faculty member. May be repeated for credit. [P/NP grading only.]

**Nematology**

Please see the department of Entomology and Nematology, on page 293, for further information.

**Related Courses.** See Entomology and Nematology, on page 293.

10V. General Biology (4)

Web virtual lecture—3 hours; web electronic discussion—1 hour. Concepts and issues in biology. Emphasis on composition and structure of organisms; regulation and signaling; heredity, evolution and the interaction and interdependence among life forms and their environments. Significant writing is required. Designed for students not specializing in biology. Not open for credit to students who have completed course Biological Sciences 1A, 1B, 2A, 2B, or 10. (Same course as Biological Sciences 10V) GE credit: SciEng, WRT | SE, SL, WE. — Ill. (Ill.) Westerdahl

**Upper Division**

100. General Plant Nematology (4)

Lecture—2 hours; laboratory—6 hours. Prerequisite: Biological Sciences 1B or 10. An introduction to the classification, morphology, biology, and control of the nematodes attacking cultivated crops. GE credit: SciEng | SE—II. (II.) Ferris

110. Introduction to Nematology (2)

Lecture—2 hours. Prerequisite: Biological Sciences 1B or the equivalent or consent of instructor. The relationship of nematodes to human environment. Classification, morphology, ecology, distribution, and importance of nematodes occurring in water and soil as parasites of plants and animals. GE credit: SciEng | SE—II. (II.) Caswell-Chen, Nadler

199. Special Study for Advanced Undergraduates (1-5)

Prerequisite: consent of instructor. [P/NP grading only.]

**Graduate**

201. Molecular and Physiological Plant Nematology (2)

Lecture—1 hour; discussion—1 hour. Prerequisite: Biological Sciences 101; Plant Pathology 120. course 100 or 110. Molecular biology and physiology of nematodes using Ccarrhopthetes elegans as a model, but with emphasis on plant-parasitic species. Plant responses to nematodes. Discussion of current literature emphasized. Offered in alternate years. — Ill. Williamson

203. Ecology of Parasitic Nematodes (2)

Lecture—1 hour; discussion—1 hour. Prerequisite: course 100 or 110 or Entomology 156; Evolution and Ecology 101; Plant Biology 117. Major concepts in population and community ecology of animal and plant-parasitic nematodes. Current advances in techniques, theory, and basic information about nematode host dynamics, and application to management of nematode disease. Offered in alternate years. — (Ill.) Caswell-Chen

204. Management of Plant-Parasitic Nematodes (2)

Lecture—1 hour; laboratory—3 hours. Prerequisite: course 100 or 110. Theory, foundation, principles and practices of nematode management. Techniques and equipment used to manage nematodes and methods used to analyze their effectiveness. Offered in alternate years. — Ill. Westerdahl

**Nematology Courses (NEM)**

**Related Courses.** See Entomology and Nematology, on page 293.

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Lecture—1 hour; laboratory—3 hours. Prerequisite: course 100 or 110. Theory, foundation, principles and practices of nematode management. Techniques and equipment used to manage nematodes and methods used to analyze their effectiveness. Offered in alternate years. — Ill. Westerdahl

The text continues with course descriptions for various upper and graduate courses related to nematology, ecology, and biology, including topics such as parasitic nematodes, plant-parasitic nematodes, and management strategies for nematode control.