

II. Master of Science (non-thesis) with specialization in Pest Management (30 credits)*

Title of Program: **Master of Science with specialization in Pest Management**

Description: The University of Florida's Entomology and Nematology Department offers an off-campus Master of Science degree (normally non-thesis but thesis programs are available by special arrangement) with a concentration in Pest Management. Courses are offered via distance education to accommodate place-bound students interested in the principles and practices of interdisciplinary pest management, including extension agents and other educators; state and federal employees in agricultural, environmental and regulatory positions; consultants; pest control industry personnel; and others who want to further their education.

Degree: M.S. (non-thesis)

Expected time length to complete program: 30 credits, approximately 2-4 years

Delivery technology used: CD-ROM, web, video

Face-to-face location requirements: written and oral final exam at University of Florida location

Admissions information: Starting dates in January, May and August

Prerequisites: A Bachelor's degree in a scientific discipline or at least two semesters of biology, one semester each of chemistry, algebra and trigonometry, and one semester of physics (recommended). Admission criteria include a B average or better for the last 2 years of the baccalaureate program, and satisfactory scores (total of 1000 in verbal and quantitative portions) of the General Test of the Graduate Record Examination (GRE). Up to 9 graduate level credits taken prior to formal admission may be transferred into the program to meet degree requirements.

Course options

ENY 5006 Graduate Survey of Entomology (2)
ENY 5006L Graduate General Entomology Laboratory (1)
ENY 6166 Insect Classification (3)
ENY 6203 Insect Ecology (3)
ENY 6203L Insect Ecology Laboratory (1)
ENY 5236 Insect Pest and Vector Management (3)
ENY 5820 Insect Molecular Genetics (2)
ENY 5223 Biology and Identification of Urban Pests (3)
ENY 5226 Principles of Urban Pest Management (3)
ENY 5228 Graduate Survey of Urban Vertebrate Pest Management (2)
ENY 6665 Advanced Medical and Veterinary Entomology (2)
ENY 6665L Advanced Medical and Veterinary Laboratory (1)
PLP 5005C Fundamentals of Plant Pathology (4)
NEM 5002C Principles of Nematology (3)
ENY 6651 Insect Toxicology (3)
PLS 4601 Principles of Weed Science

Other applicable courses:

ENY 5212 Insects and Wildlife (3)
ENY 5616 Turf and Ornamental Entomology (3)
ALS 6166 Exotic Species and Biosecurity (3)
AGR 6932 Principles of Pesticides
ALS 3203 PC Use in Agriculture (3)
STA 6166 Statistical Methods in Research (3)
BCH 5045 Graduate Survey of Biochemistry (4)
SWS 5234 Environmental Soil, Water and Land Use (3)
SWS 5305C Soil Microbial Ecology (3)
SWS 5720C GIS in Land Resource Management (3)

AGR 5511 Crop Ecology (3)

***Degree Requirements** are: ENY 5236, 5006, 5006L, 5228, 6166, 6651, PLP 5005 or PLS 4601, NEM 5002C, an ecology course, a statistics course; to include at least 15 credits of ENY/NEM, and total 30 credits.