

Extension Entomology (ENTO 8900, Special Problems Call #91-373)
Dr. Nancy C. Hinkle, Extension Veterinary Entomologist (583-8043) NHinkle@uga.edu

Week 1 – Introduction, class description; available topics and projects for consideration.

Week 2 – *Journal of Extension* review on topic of choice. History of the Cooperative Extension system.

Week 3 – Three arthropod life cycles depicted (a) in <500-word popular press article accompanied by (1) light photography, (2) computerized photography (e.g. Microoptics or Syncroscopy), or (3) scanning electron microscopy.

Week 4 – Design IPM program for significant pest or complex, including crop profile. Results will be reviewed by appropriate industry or commodity groups.

Week 5 – Shadow a Specialist; for a half day work with an Extension Entomologist, assisting with phone calls, information retrieval, writing, etc.

Week 6 – Shadow a county agent; half day spent in county Extension office, exploring how information discovered at the University is channeled through agents to clientele.

Week 7 – Prepare PowerPoint presentation for Master Gardeners. Meeting the public: written, oral, and audio-visual techniques

Week 8 – Speak at grower/commodity meeting. Class discussion of “customer service.”

Week 9 – Submit and discuss grant proposal.

Week 10 – *Journal of Extension* manuscript first submission.

Week 11 – Job interview (including updated c.v. and portfolio).

Week 12 – Interviewed by reporter. Prepare newspaper article.

Week 13 – Producer/grower magazine article based on published research articles.

Week 14 – Assist with Extension research project (applied research). Interview Ext. Specialist.

Week 15 – Newsletter article for county agents on timely topic.

Week 16 – Final class presentations; submit *curriculum vitae*; class evaluation.

The course is designed to introduce the student to the Cooperative Extension system with its attendant responsibilities, values, and rewards; and to provide an overview of arthropod pests of national concern and their management. Students will gain insight into the diverse clientele served by Extension specialists; learn about the legal, technical, and data constraints affecting recommendations; and be introduced to methodologies of problem diagnosis and information transfer.

The class will meet 2 hrs per week, at which time members will present oral reports of their projects and turn in written reports. Class field trips will include visits with each of the Extension Entomologists (including those at Tifton and Griffin when they visit Athens). Each week class members will be provided real-life experiences such as specimens to identify, queries to address, recommendations to consider, etc. Ancillary topics include “Off-campus instruction,” “How to become a certified pesticide applicator,” “Procuring Funding,” “University Administration,” “Teaching, Research and Extension,” etc. Participants will be challenged to integrate outreach into their own training and experience.