

**DEPARTMENT OF PLANT SCIENCES GRADUATE COURSES**  
**Anticipated Course Offerings**  
*(Last Updated 10-08-09)*

- 410 Nursery Management and Production (3).** Klingeman. Spring, alternate years (odd-numbered).
- 421 Native Plants in the Landscape (3).** Rogers. Fall, spring.
- 427 Management and Administration of Public Horticulture Institutions (2).** Peppin, Conlon, others. Fall\*.  
*Note: Has been taught by adjuncts in past but may be difficult to schedule in future, Contact: Hamilton*
- 429 Field Study of Public Horticulture Institutions (2).** Hamilton or Newburn. Summer mini-term.  
*Note: By yearly arrangement, Contact: Hamilton*
- 430 Greenhouse Management (3).** Sams. Spring, alternate years (even-numbered).
- 434 Fruit and Vegetable Crops (3).** Deyton. Fall.
- 435 Field and Forage Crops (3).** Mueller. Fall, alternate years (odd-numbered).
- 436 Plant and Garden Photography (2).** Hamilton/Augé. Spring, alternate years (odd-numbered).
- 437 Public Garden Operations and Management (2).** Hamilton. Spring.
- 439 Botanic Garden Practicum (1-3).** Hamilton. As needed.  
*Note: first offered Fall 2007*
- 442 Turf Root-zone Construction (2).** Sorochan. Spring (block).
- 448 Horticultural Internet Technology (3).** Augé. Fall, alternate (odd-numbered).  
*Note: No current plans to teach this course after 2009*
- 449 Advanced Turf Practicum (1-3).** Sorochan. As needed.  
*Note: first offered Fall 2007*
- 450 Specialty Landscape Construction (3).** C. Stewart. Fall.
- 451 Plant Tissue Culture (3)** (Same as EPP 451 and Botany 451). Instructor? Fall, alternate (odd-numbered years).  
*Note: BCMB, last offered Fall 2007*
- 457 Weed Management (3).** Mueller. Fall.
- 470 Professional Practices in the Green Industry (3).** Ott. Spring.  
*Note: Status uncertain after 2009.*
- 475 Professional Issues in Bioenergy (3).** TBA  
*Note: Added to catalog in 2007. No faculty member or semester assigned yet.*
- 480 Advanced Landscape Design (4).** Menendez. Fall, spring.
- 485 Computer Aided Landscape Design (3).** C. Stewart. Fall, spring.
- 494 Professional Horticultural Communications (3).** Pulte. Spring

- 501 Special Topics in Plant Sciences (1-3).** PS Faculty (*by rotation*). As needed. Variable title.
- 503 Non-thesis Project (1-2).** PS Faculty. As needed.  
*Note: not available to thesis-/dissertation-track students*
- 504 Seminar (1).** PS Faculty (*by rotation*). Fall, spring.
- 505 Professional Development and Presentation Skills (1).** Mueller. Fall.
- 507 Professional Development Seminar (1).** (*Same as UTIA Depts 507*). PS faculty as needed. S/NC only.
- 510 Plant Disease Fungi (4)** (*Same as Entomology and Plant Pathology 510*). Ownley & Trigiano. Fall (Year?).
- 511 Seed Biology and Physiology (1)** Chen. Spring, alternate years (even).
- 513 Fungal Epidemiology and Disease Control (2).** (*Same as Entomology and Plant Pathology 513*). Windham. Spring, alternate years (even-numbered).
- 525 Research Ethics in the Life Sciences (1).** (*Same as Animal Sciences 525*). N, Stewart & L. Edwards. Fall
- 530 Integrated Pest Management (3)** (*Same as Entomology and Plant Pathology 530*). Grant. Fall.
- 532 Environmental Plant Ecophysiology (3).** Augé/Chen. Fall, alternate years (even-numbered).
- 536 Ecology of Grazing Land Systems (3)** (*same as Animal Science 536*). Waller. Summer (odd-numbered).  
*Note: A multi-institution offering; last offered summer 2007,*
- 537 Plant Nutrition (3).** TBA  
*Note: Added to catalog in 2007. No faculty member or semester assigned yet.*
- 541 Advanced Turfgrass Management (2).** Sorochan. Spring (10 week block).
- 544 Protein Gel Electrophoresis (1)** (*Same as Entomology and Plant Pathology 524.*) Trigiano. Course has not been taught in recent years (not in timetables I have, which date back to 2004).
- 545 Plant Microtechnique (1)** (*Same as Entomology and Plant Pathology 525.*) Trigiano. Spring, alternate years (odd-numbered).  
*Note: usually only available as needed.*
- 554 Plant Biotechniques (3).** Zale. Fall.  
*Note: see 454 for undergraduate level offering.*
- 561 Statistics for Biological Research (3).** West. Fall.
- 569 Teaching Practicum (1-3).** PS faculty. Any semester.
- 571 Design and Analysis of Biological Research (3) (Same as Animal Science 571).** Saxton. Spring.
- 592 Internship (1-2).** PS faculty. Any semester.
- 593 Special Problems in Plant Sciences (1-3).** PS faculty. Any semester. Variable title.
- 602 Research Preparation (1-9).** PS faculty, Any semester.  
*Note: Intended for dissertation research.*
- 603 Special Topics in Crop Physiology and Ecology (1-3).** Variable instructor? SEM?  
*Note: Offered spring 2006 & summer & fall 2007 & is listed in the timetable every spring.*

**605 Special Topics in Plant Breeding and Genetics (1-3).** N. Stewart/Cheng. Spring (as needed).

**610 Advanced Plant Genomics (2).** N, Stewart. SEM?.

**634 Advanced Weed Science (3).** Mueller

Note: first offered in Fall 2010

**643 DNA Analysis (2).** Trigiano.

Note: (offered as needed during Spring semester)

**653 Advanced Plant Breeding (3).** Pantalone. Spring, alternate years (odd-numbered).