

School of Agriculture

Capstone Courses/Experiences

January 15, 2004

Baccalaureate degree plans of study must include a capstone course or experience. Capstone course credits also may be used to fulfill core curriculum requirements or departmental requirements or electives.

In a capstone experience, students will be challenged to integrate their accumulated knowledge and technical and social skills in order to identify and solve a problem relevant to issues encountered by professionals in their chosen discipline, and to communicate the results of their efforts to their peers. In doing so, students will have the opportunity to demonstrate their ability to adapt to professional situations. It is hoped that this experience will stimulate students' appreciation of the need for lifelong learning and initiate professional and personal liaisons.

The following capstone courses and experiences have been approved by the Agricultural Faculty.

(4) ABE 485 (Agricultural and Biological Engineering Design)

(4) ABE 556 (Food Plant Design and Economics)

(4) AGEC 411 (Farm Management)

(2) AGEC 429 (Agribusiness Marketing Workshop)

(3) AGEC 430 (Agricultural and Food Business Strategy)

(1-6) AGEC 499H (Honors Thesis)

(3) AGR 480 (Agricultural Communication Capstone Seminar)

(1) AGRY 498 (Agronomy Senior Seminar) and (3) AGRY 585 (Soils and Land Use)

(1) AGRY 498 (Agronomy Senior Seminar) and (3) AGRY 512 (Integrated Turfgrass Systems)

(1) AGRY 498 (Agronomy Senior Seminar) and (1-3) pre-approved faculty supervised research, an Engineering Projects in Community Service (EPICS) project, or an industry or government internship.

(1) ANSC 481 (Contemporary Issues in Animal Sciences) and one production/management course selected from ANSC 440, ANSC 441, ANSC 442, ANSC 443, ANSC 444, ANSC 445, or ANSC 446.

(3) ASM 495 (Agricultural Systems Management)

(1) BCHM 490 (Undergraduate Seminar) and 2-3 credits of BCHM 498 (Undergraduate Thesis), or BCHM 499H (Honors Thesis), or BCHM 572 (Advanced Biochemical Techniques)

(1) BTNY 497 (Undergraduate Seminar) and (1-3) BTNY 498 (Research in Plant Science), or with prior approval of the Botany and Plant Pathology faculty, a study abroad, course project, supervised internship, or other supervised work-related experience equivalent to BTNY 497 and BTNY 498.

(1-2) C E 496 (Senior Participation in Engineering Projects in Community Service)

- (8-10) EDCI 498E (Supervised Teaching of Agricultural Education)
- (1) ENTM 491 (Capstone Experience in Entomology)
- (3) FNR 408 (Ecosystem Management Practice)
- (3) FS 443 (Food Processing III)
- (3) HORT 425 (Landscape Horticulture Capstone Project)
- (1) HORT 440 (Management Strategies in Public Horticulture)
- (1) HORT 445 (Strategic Analysis of Horticultural Production and Marketing)
- (1) HORT 492 (Horticultural Science Capstone Seminar)
- (3) IT 483 (Facilities Planning and Materials Handling)
- (5) LA 426 (Capstone Course in Landscape Architecture)
- (3) NRES 581 (Environmental Impact Analysis)