AGRICULTURE AND NATURAL RESOURCES

College of Agriculture and Natural Resources

101  Preview of Science
Fall. 1 credit. Interdepartmental with Natural Science; Engineering; Social Science. Administered by College of Natural Science. R: Approval of college.
101A  Academic and Career Decision Making
Fall, Spring. 2(2-0)
Exploration of the career possibilities in agriculture, natural resources and related areas.

110  New Student Seminar: Issues and Ideas in Agriculture and Natural Resources
Fall. 1(0-2) R: Open only to freshmen or sophomores.
Discussion of career possibilities and issues in agriculture and natural resources. Personal and professional development through discussion and interactive experiences.

192  Environmental Issues Seminar
Fall, Spring. 1 credit. A student may earn a maximum of 4 credits in all enrollments for this course. Interdepartmental with Natural Science; Engineering; Social Science; Communication Arts and Sciences. Administered by College of Natural Science. R: Open only to students in the College of Agriculture and Natural Resources; College of Engineering or College of Natural Science; College of Communication Arts and Sciences; College of Social Science. Approval of college.
Environmental issues and problems explored from a variety of perspectives, including legal, scientific, historical, political, socio-economic, and technical points of view.

202  Michigan’s Agricultural and Natural Resources Heritage
Fall. 2(2-0) Interdepartmental with ANR Education and Communication Systems. P: Completion of Tier I writing requirement. Michigan’s historical agricultural and natural resources. Orientation to sources for research and learning. Self-directed study integrating agricultural and natural resources heritage to family, community and careers.

210  Pathways in Connected Learning
Fall, Spring. 3(2-2) R: Approval of college. Active, self-directed, and reflective learning associated with agriculture and natural resource issues, self and social development, and ethical choice making. Development of a learning plan and design of a learning portfolio. Individual and group presentations.

ANR—Agriculture and Natural Resources

292  Applications in Environmental Studies
Fall. 2(1-2) Interdepartmental with Natural Science; Engineering; Communication Arts and Sciences; Social Science. Administered by College of Natural Science. P: (NSC 192) R: Open only to students in the Specialization in Environmental Studies.
Community engagement project. Projects vary depending on student’s major and area of environmental interest.

310  Connected Learning Seminar I
Fall, Spring, Summer. 3(3-0) P: (ANR 210)
Leader-directed critical analysis of contemporary issues in agriculture and natural resources. Communication of outcomes to professional communities. Collaborative learning integrated with individual experiences.

311  Connected Learning Seminar II
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. P: (ANR 310)
Advanced analysis and presentation of contemporary issues in agriculture and natural resources.

392  Agriculture and Natural Resources Seminar
Spring. 1(2-0) R: Not open to freshmen or sophomores.
Current agricultural, natural resources and environmental problems and solutions. Discussion leaders from various disciplines.

410  Connected Learning Transitions
Fall, Spring. 3(3-0) P: (ANR 310)
Synthesis and analysis of structured experiences in agriculture and natural resources. Personal and interpersonal development, personal and professional integrity, communication competence, and critical and reflective thinking.

475  International Studies in Agriculture and Natural Resources
Fall, Spring, Summer. 2 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of college; application required.
Study-travel experience. Contemporary problems affecting agriculture and natural resources in world, national and local communities. Case studies and interviews with officials, community leaders and leading professionals.

490  Independent Study in Agriculture and Natural Resources
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of college.
Supervised individual study in topics related to agriculture and natural resources.

491  Selected Topics
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen or sophomores.
Special topics in agriculture and natural resources.
493 Professional Internship in Agriculture and Natural Resources
Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to juniors or seniors in the College of Agriculture and Natural Resources. Approval of department; application required. A student may earn a maximum of 6 credits in all enrollments for any or all of these courses: ABM 493, AEE 493, ANR 493, AMS 493, CSS 493, EEP 493, FIM 493, FW 493, HRT 493, PKG 493, PLP 493, PRR 493, and RD 493. Supervised professional experiences in agencies and businesses related to a student's major field of study.

810 International Food Laws and Regulations
Fall, Spring, Summer. 3(3-0) RB: Food science, law, food safety or related disciplines. Survey of food laws of various countries and regions.

811 U.S. Food Laws and Regulations
Fall, Spring, Summer. 3(3-0) RB: ANR 810. Food science, law or food safety. Not open to students with credit in FSC 421. Food laws and regulations of the United States.

828 Food Safety Seminar Series
Fall, Spring. 1(1-0) Interdepartmental with Veterinary Medicine; Natural Science; Social Science. Administered by College of Veterinary Medicine. RB: Enrollment in graduate program in related discipline. Selected current topics covering the broad areas of food safety as they relate to production, processing, transport, microbiology, toxicology, and social and human dimensions.

829 Problems in Food Safety
Fall. 1(1-0) Interdepartmental with Veterinary Medicine; Natural Science; Social Science. Administered by College of Veterinary Medicine. RB: Enrollment in graduate program in related discipline. In-depth discussion of selected problems in food safety.

265 Transcultural Perspectives
Spring. 3(3-0) P: Completion of Tier I writing requirement. Comparative study of contemporary and historical cultural discourses of and about the Americas and their place in the global commons. Implications of cultural identities, especially as shaped by age, race, ethnicity, gender and sexuality. Borders and tourism and the import and export of technologies, media and commodities.

280 Major Themes in American Studies
Fall. 3(3-0). A student may earn a maximum of 9 credits in all enrollments for this course. P: Completion of Tier I writing requirement. Major themes pertaining to the history, culture and study of the United States. Historiography and methods of the interdisciplinary study of the United States in relation to other cultures and countries.

290 Independent Study
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: (AMS 265 or AMS 210) and (AMS 280 or 250) and (HST 202 or HST 203) R: Approval of department. Special projects, directed reading, and research arranged by an individual student and a faculty member in areas supplementing regular course offerings.

310 Topics in American Studies
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: (AMS 210 or AMS 265) and (AMS 280 or AMS 250) Completion of Tier I writing requirement. Significant theoretical, methodological and bibliographical issues in American studies. Techniques for analyzing cultural texts such as literature, film, paintings, photographs, music and architecture.

322 Technology and Culture
Fall. 4(4-0) Interdepartmental with Lyman Briggs School. Administered by Lyman Briggs School. RB: Enrollment in graduate program in related discipline. History of technology with special emphasis on the interaction of technical innovation and other elements of culture.

335 The Natural Environment: Perceptions and Practices
Spring. 4(4-0) Interdepartmental with Lyman Briggs School. Administered by Lyman Briggs School. RB: Enrollment in graduate program in related discipline. American attitudes toward the natural environment and related public and private institutions.

453 American Art, 1875-1940
Fall of even years. 3(3-0) Interdepartmental with History of Art. Administered by Department of Art and Art History. Major developments and themes in non-indigenous American art (painting, sculpture, architecture, material culture) from its colonial origins through the 20th century.

480 Seminar in American Material Folk Culture
Spring of odd years. 3(3-0) RB: Coursework in arts, humanities and cultural studies. Understanding American material folk culture and folklore as sources for analysis and appreciation. Methodological approaches and fieldwork techniques.

492 Seminar in American Studies
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (AMS 265 or AMS 210) and (AMS 280 or AMS 250) and (AMS 310 and ENG 481 and HST 480 and HST 202 and HST 203) R: Open only to American Studies majors. Selected topics in American studies emphasizing interdisciplinary approaches. Topics vary.

855 Seminar in American Art
Spring of odd years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with History of Art. Administered by Department of Art and Art History. RB: Approval of department. Intensive investigation of a topic in the history of American art.

881 American Studies Theory, Methods, and Bibliography
Fall. 3(3-0) Methods and bibliographical sources of American Studies research. Interdisciplinary approaches to studying American culture.

890 Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Approval of college. Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

891 Special Topics in American Studies
Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of college. Special topics supplementing regular course offerings proposed by faculty for graduate students on a group study basis.

899 Master's Thesis Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of college. Directed research leading to a master's thesis in partial fulfillment of Plan A master's degree requirements.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Approval of college. Doctoral dissertation research.