Grading Option: With Option
Max credits per degree: 3
Max credits per semester: 3

Description: Overview of global relationships in agriculture and natural resources that affect Nebraska, the United States, and the world. Emphasis on gaining perspectives of the social, technological, economic, environmental, and political issues impacting the world food system.

Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option
ACE: ACE 9 Global/Diversity

AGRI 299H Honors Thesis Seminar
Prerequisites: Admission to the University Honors Program.
Description: Preparation for conducting an undergraduate project to be used for an Honors or undergraduate thesis. Students explore philosophical aspects of scientific inquiry; including history, the scientific method, and ethics in science. Topics such as individual approaches to research, the selection of projects, time commitments and sources of funding for scholarly work presented by University faculty.

Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded
Prerequisite for: PLPT 499H

AGRI 310 Study Tours in International Agriculture
Prerequisite for: AGRI 299H
Description: Individual or group educational experience combining classroom lectures, discussions, and/or seminars with tours to broaden the student's knowledge of specific aspects of agriculture in some foreign country. Choice of subject matter and coordination of on- and off-campus study is at the discretion of the instructor.

Credit Hours: 1-5
Min credits per semester: 1
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded with Option
ACE: ACE 9 Global/Diversity

AGRI 311 Study Tours in US Agriculture
Prerequisite for: AGRI 299H
Description: Individual or group educational experience combining classroom lectures, discussions, and/or seminars with off-campus tours to broaden the student's knowledge of specific aspects of US agriculture. Choice of subject matter and coordination of on- and off-campus study is at the discretion of the instructor.

Credit Hours: 1-5
Min credits per semester: 1
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded with Option
ACE: ACE 9 Global/Diversity

AGRI 375 Innovations for Agriculture
Crosslisted with: HORT 375, AGRO 375, EAEP 375, TLMT 375
Prerequisites: Junior or Senior class standing.
Description: Explore sustainability challenges in plant and animal agricultural systems, assess current solutions, and identify opportunities for innovation. Research, develop, prototype, test, and pitch an innovative product, service, or technology for agriculture.

Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: FALL
**AGRI 388 Employment Seminar**  
*Crosslisted with: NRES 388*  
**Prerequisites:** Sophomore standing.  
**Description:** Efficient job-hunting. Resumes, cover letters, mock interviews, and dining etiquette.  
**Credit Hours:** 1  
**Max credits per semester:** 1  
**Max credits per degree:** 1  
**Grading Option:** Pass No Pass  
**Prerequisite for:** AGRI 395

**AGRI 389 Agricultural Concerns Seminar**  
**Description:** Forum for the exchange of current information on rural issues and agricultural ethics. Includes guest speakers, film documentaries, group discussions, and panel discussions.  
**Credit Hours:** 1  
**Max credits per semester:** 1  
**Max credits per degree:** 2  
**Grading Option:** Pass No Pass

**AGRI 395 Applied Science Internship**  
**Prerequisites:** AGRI 388  
**Description:** Provides Bachelor of Applied Science students academic credit for advanced work experiences in their area of specialization. Students are required to complete academic assignments such as a weekly journal, discussion and writing assignments in addition to their field-based responsibilities. This course takes place in a mentored, supervised setting and requires prior approval by the instructor.  
**Credit Hours:** 1-3  
**Min credits per semester:** 1  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Pass No Pass

**AGRI 400 Job Survival**  
**Prerequisites:** Junior standing. AGRI/NRES 388 recommended.  
**Description:** Job satisfaction, advancement strategies, benefits, and relocation.  
**Credit Hours:** 1  
**Max credits per semester:** 1  
**Max credits per degree:** 1  
**Grading Option:** Pass No Pass

**AGRI 462 Invasive Pests and International Trade**  
*Crosslisted with: AGRI 862*  
**Notes:** Offered fully online.  
**Description:** Examination of the global issue of the impact of invasive pests on international trade, food production, and ability to feed increasing populations in the future. Focus on how local changes have biological, economic and social consequences at the global level and impact sustainability. Covers pest introductions and pathways, impact on global agriculture and trade, principles and practices in agricultural pest risk analysis and international cooperation.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded with Option

**AGRI 485 Investigations in Applied Science**  
**Prerequisites:** Senior standing; completion of applied science degree core requirements.  
**Description:** Application and integration of scientific principles and knowledge gained from courses, peer to peer and student to faculty discussions, internships, and other aspects of the applied science degree program.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded with Option  
**ACE:** ACE 10 Integrated Product

**AGRI 488 Teaching Undergraduate Science**  
*Crosslisted with: AGRI 888, SCIL 488, SCIL 888*  
**Description:** The dynamics of undergraduate student learning. Begin to develop the reflective practice of progressive instructional improvement. Interpreting improved educational outcomes in terms of the ability of the instructor to manipulate undergraduate student interactions with instructional materials in an active learning environment.  
**Credit Hours:** 1  
**Max credits per semester:** 1  
**Max credits per degree:** 1  
**Grading Option:** Graded with Option  
**Offered:** FALL

**AGRI 496 Independent Study in Agricultural Sciences**  
*Crosslisted with: AGRI 896*  
**Prerequisites:** Advanced approval of the plan of work and permission.  
**Description:** Indvidual or group projects in activities such as research, literature review, extension of course work, or preparation of teaching materials.  
**Credit Hours:** 1-5  
**Min credits per semester:** 1  
**Max credits per semester:** 5  
**Max credits per degree:** 12  
**Grading Option:** Graded with Option