INTERDISCIPLINARY COURSES (CALS) (INTER-AG)

INTER-AG 2 — INTERNATIONAL INTERNSHIP IN SCIENCES
1 credit.

For students undertaking internships in international locations; focus on pre-internship preparation and post internship activities; internships prepare students for graduate school or careers in applied science. Enroll Info: None

Requisites: Consent of instructor
Repeatable for Credit: No

INTER-AG/ILS 150 — WAYS OF KNOWING
1 credit.

Freshmen are exposed to a variety of scholarly topics from outstanding faculty campus-wide as well as small group seminars led by faculty. Students are encouraged to explore the possibility of a research experience in their degree program. Enroll Info: None

Requisites: Freshman standing only
Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2010

INTER-AG/INTER-LS 152 — WAYS OF KNOWING: MEDICINE AND SOCIETY
1 credit.

Sophomores are exposed to a variety of scholarly topics on subjects dealing with medicine and society by campus-wide faculty. Discussions led by faculty who are primary care practitioners. Students are encouraged to explore the possibility of a research experience in their degree program. Enroll Info: Open to Sophomores only

Requisites: None
Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2018

INTER-AG 155 — ISSUES IN AGRICULTURE, ENVIRONMENT, AND LIFE SCIENCES
1 credit.

Explore important issues in the application of science that cut across all majors in the College of Agricultural and Life Sciences, and that are critical for society in coming decades; help students develop academic skills and explore majors and careers. Enroll Info: Open to Fr

Requisites: First year freshman and declared in a College of Agriculture and Life Sciences program
Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2018

INTER-AG 165 — INTRODUCTION TO INTERNATIONAL ISSUES IN AGRICULTURAL & LIFE SCIENCES
1 credit.

Introduction to major international issues in the application of science that will be critical in the next half-century in this national and the world and will help students identify and explore international interests in an academic major and a career. Enroll Info: Fr or So st, or cons of instr

Requisites: None
Repeatable for Credit: No
Last Taught: Spring 2017

INTER-AG 175 — WISE SEMINAR
1 credit.

Weekly seminar/discussion for the Women in Science and Engineering (WISE) learning community. Speakers drawn from all fields of math, science, and engineering on campus. Students meet to learn about research on campus and to discuss the impact of research in their daily lives. Enroll Info: Cons inst. Preference given to residents of the WISE learning community. Open to Fr

Requisites: Reserved Class Section for residents of Women in Science and Engineering in Waters Hall
Course Designation: Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, for 2 number of completions
Last Taught: Spring 2018

INTER-AG/INTER-LS 250 — UNDERGRADUATE RESEARCH EXPERIENCE
1-3 credits.

Participation in research or creative endeavor led by faculty or instructional staff and in undergraduate Research Scholars Program. This course may also include participation in research discussion groups, critiques of readings, and preparation of written or oral reports. Enroll Info: Freshman or Sophomore standing, admission to the Undergraduate Research Scholars Program, and consent of instructor

Requisites: Consent of instructor
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2018

INTER-AG 288 — INTRODUCTORY CALS HONORS SEMINAR
1 credit.

Students will learn the basics of being a researcher: the scientific community (papers, etiquette, grants), ethics, career options, using the scientific literature, and preparation of research proposals. Enroll Info: None

Requisites: Declared in CALS honors in the major or Honors Program
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Honors - Honors Only Courses (H)
Repeatable for Credit: No
Last Taught: Spring 2018
INTER-AG 312 — LEADERSHIP SEMINAR
1 credit.

Develop personal approach to leadership, gain self-awareness, analyze ethical issues, explore organizational and group dynamics, examine skills needed to lead organizations and communities. Enroll Info: None
Requisites: None
Repeatable for Credit: No

INTER-AG/A A E/AGRONOMY/NUTR SCI 350 — WORLD HUNGER AND MALNUTRITION
3 credits.

Hunger and poverty in developing countries and the United States. Topics include: nutrition and health, population, food production and availability, and income distribution and employment. Enroll Info: None
Requisites: None
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Summer 2018

INTER-AG 375 — SPECIAL TOPICS
1-4 credits.

Subjects of current interest to undergraduates. Enroll Info: None
Requisites: None
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Summer 2018

INTER-AG 388 — CALS HONORS INTERDISCIPLINARY JUNIOR SEMINAR
1 credit.

Basic elements of experimental design and conduct in biological sciences, social sciences, natural resources, animal sciences and plant sciences are explored in a seminar format. This course is required for all honors students enrolled in the College of Agricultural and Life Sciences. Enroll Info: None
Requisites: Declared in honors program
Course Designation: Honors - Honors Only Courses (H)
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2013

INTER-AG/NUTR SCI 421 — GLOBAL HEALTH FIELD EXPERIENCE
1-4 credits.

Undergraduate global health field experiences address a broad range of health topics including nutrition, primary health care, water and sanitation, climate change, sustainable agriculture, and economic development. These field experiences take place in sites around the world including locations in Africa, Asia, Latin America, Europe, and the United Sates. Engaged learning will include participation in applied public health activities and service learning projects with communities and partner organizations. Students will gain knowledge about health and disease and explore interdisciplinary approaches to health. Field experiences are designed to meet the requirement for the Undergraduate Certificate in Global Health. Students who are not planning to complete the Certificate in Global Health may enroll as space permits. Enroll Info: None
Requisites: Consent of instructor
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Summer 2018

INTER-AG/DY SCI 471 — FOOD PRODUCTION SYSTEMS AND SUSTAINABILITY
3 credits.

This advanced interdisciplinary course delves into aspects of natural sciences (biology and agricultural sciences) and social sciences underpinning the assessment of food production systems as related to a variety of outcomes including but not restricted to human and environmental health, air and water quality, greenhouse gases emission, land use, economic opportunity, social justice, as well as mitigation and adaptation to climate change, both domestically and globally. Enroll Info: None
Requisites: (Graduate/professional standing) or junior standing and satisfied Quantitative Reasoning (QR) B requirement
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

INTER-AG 488 — HONORS RESEARCH COLLOQUIUM
1 credit.

This will be a faculty-led colloquium covering such topics as research ethics, possible societal impact of scientific results, and career choices and their implications. Communication of technical information will also be emphasized. Enroll Info: Participant in CALS honors progm or cons inst
Requisites: Declared in honors program
Course Designation: Honors - Honors Only Courses (H)
Repeatable for Credit: No
Last Taught: Summer 2018

INTER-AG 681 — SENIOR HONORS THESIS
2-4 credits.

Individual study for seniors completing theses for CALS honors degrees guided by a faculty member. Enroll Info: Requires consent of supervising instructor and enrollment in CALS Honors Program.
Requisites: Consent of instructor
Course Designation: Honors - Honors Only Courses (H)
Repeatable for Credit: No

INTER-AG 682 — SENIOR HONORS THESIS
2-4 credits.

Individual study for seniors completing theses for CALS honors degrees guided by a faculty member. Requires consent of supervising instructor and enrollment in CALS Honors Program. Continuation of 681. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Honors - Honors Only Courses (H)
Repeatable for Credit: No
INTER-AG 875 — SPECIAL TOPICS
2-3 credits.

Subjects of current interest to graduates. Enroll Info: None

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Fall 2012