Science and Agricultural Journalism (SCI_AG_J)

**SCI_AG_J 1160: Introduction to Science and Agricultural Communication**
Overview of communications theory and practice related to the specific challenges of communicating about science and the food system. History of science and agricultural communications and how it is shaped by cultural values. Emphasis on learning to write clearly, concisely and effectively for a variety of formats including web, social media and print. News media writing. Media relations and informational campaigns. Ethics of public relations and journalism. Understanding audience. Overview of career opportunities.

**Credit Hours: 3**
**Recommended:** ENGLISH 1000

**SCI_AG_J 2150: Problems in Science and Agricultural Journalism**
For undergraduates majoring in science and agricultural journalism. May be repeated.

**Credit Hour:** 1-6
**Prerequisites:** instructor's consent

**SCI_AG_J 2210: Communicating Science to the Public**
For science majors. Introduction to the history, theory and practice of communicating science to the general public. Emphasis on the interplay of science, human values and politics; also, the art and craft of writing and talking to lay audiences. Graded on A-F basis only.

**Credit Hours: 3**
**Prerequisites:** ENGLISH 1000 and a declared major in a science or engineering field or instructor's consent

**SCI_AG_J 2940: Internships in Science and Agricultural Journalism**
May be repeated for credit.

**Credit Hour:** 1-3
**Prerequisites:** instructor's consent

**SCI_AG_J 3201: Topics in Science and Agricultural Journalism**
Instruction in select subject matter areas in the field of communications.

**Credit Hour:** 1-3
**Prerequisites:** instructor's consent

**SCI_AG_J 3210: Fundamentals of Communications**
Instruction in writing about conflicts in agriculture and the environment and their cultural impacts. Emphasis on media literacy, critical thinking, communication and the interplay of science and human values.

**Credit Hours: 3**
**Prerequisites:** ENGLISH 1000 and sophomore standing

**SCI_AG_J 3210W: Fundamentals of Communications - Writing Intensive**
Instruction in writing about conflicts in agriculture and the environment and their cultural impacts. Emphasis on media literacy, critical thinking, communication and the interplay of science and human values.

**Credit Hours: 3**
**Prerequisites:** English 1000

**SCI_AG_J 3240: Communicating on the Web**
Learn to make a useful, content-driven web site using web authoring software (this is not a programming class). This course emphasizes informative content and functional design.

**Credit Hours: 3**

**SCI_AG_J 3385: Problems in Science and Agricultural Journalism**
Opportunity to apply journalism skills to agricultural subjects; opportunity to integrate communication processes within single medium or across media. Section 1: Corner Post Staff, Section 2: Problems in Science and Agricultural Journalism. May be repeated for up to 9 credit hours.

**Credit Hour:** 1-4
**Prerequisites:** instructor's consent

**SCI_AG_J 4301: Topics in Science and Agricultural Journalism**
Instruction in select subject matter areas in the field of communications. Graded on A-F basis only.

**Credit Hour:** 1-3
**Prerequisites:** JOURN 4450 and Junior standing

**SCI_AG_J 4301HW: Topics in Science and Agricultural Journalism - Honors/Writing Intensive**
Instruction in select subject matter areas in the field of communications. Graded on A-F basis only.

**Credit Hour:** 1-3
**Prerequisites:** JOURN 4450 and Junior standing; Honors Eligibility required

**SCI_AG_J 4301W: Topics in Science and Agricultural Journalism - Writing Intensive**
Instruction in select subject matter areas in the field of communications. Graded on A-F basis only.

**Credit Hour:** 1-3
**Prerequisites:** JOURN 4450 and Junior standing

**SCI_AG_J 4410: Readings in Science and Agricultural Journalism**
An examination of modern journalistic book-length storytelling about science, the food system, environment, natural resources and society. Students will learn about the authors and how they use theory and techniques of storytelling. Students will gain a deeper knowledge about how to pursue such information-gathering and writing, as well as develop their critical-thinking abilities and expertise in the subject matter covered by the books. They will read, analyze and write about the books and the ideas and times that shaped them. Each course will examine a particular subject grouping of books, for example several on farming, or on conservation, or on climate change.

**Credit Hour:** 1-3
**Prerequisites:** English 1000
SCI_AG_J 4414: Field Reporting on the Food System and Environment
(Same as JOURN 4414). Field reporting on the social, political, scientific, economic and ethical dimensions of the food system and environment, with emphasis on explanatory story-telling. Includes multi-day field trip. Graded A-F only.

Credit Hours: 3
Prerequisites: instructor's consent

SCI_AG_J 4415: Current Issues in Science Journalism
(Same as JOURN 4415) Focuses on covering the interplay of one or more current issues of concern to journalists, scientists and society. The focus for any given semester may be biotechnology, climate change, energy, food safety, global population growth, wildlife or another issue. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: JOURN 2100 or instructor's consent

SCI_AG_J 4480: Will Write for Food (and Wine)
(same as JOURN 4480) Course focuses on food and wine writing in current U.S. culture. Come ready to create mouthwatering narrative and actively seek publishing your finished work. An emphasis will be placed on class participation and written critiques of peer-reviewed articles in class. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: JOURN 4450 or JOURN 4804. Restricted to Journalism and Science Agricultural Journalism students only

SCI_AG_J 4480W: Will Write for Food (and Wine) - Writing Intensive
(same as JOURN 4480) Course focuses on food and wine writing in current U.S. culture. Come ready to create mouthwatering narrative and actively seek publishing your finished work. An emphasis will be placed on class participation and written critiques of peer-reviewed articles in class. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: JOURN 4450 or JOURN 4804. Restricted to Journalism and Science Agricultural Journalism students only

SCI_AG_J 4482: Field Reporting: Wine Country Writing
(same as JOURN 4482). Students will examine wine culture, agricultural issues in the vineyard, wine trends, the historical context of wine and Missouri settlement, and more. Come ready to shape articles into sharp focus and make them fresh with input from fellow student critiques. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: JOURN 2100

SCI_AG_J 4482W: Field Reporting: Wine Country Writing - Writing Intensive
(same as JOURN 4482). Students will examine wine culture, agricultural issues in the vineyard, wine trends, the historical context of wine and Missouri settlement, and more. Come ready to shape articles into sharp focus and make them fresh with input from fellow student critiques. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: JOURN 2100

SCI_AG_J 4940: Internships in Science and Agricultural Journalism
May be repeated for credit.

Credit Hours: 1-3
Prerequisites: instructor's consent
Recommended: 60 or more credit hours completed

SCI_AG_J 4970: Agriculture and the Media Senior Seminar
Capstone
Provides background, knowledge of trends and experience with agricultural media.

Credit Hours: 3
Prerequisites: instructor's consent
Recommended: Science and Agricultural Journalism seniors take last Spring semester before graduation

SCI_AG_J 7301: Topics in Science and Agricultural Journalism
Selected current topics in science and agricultural journalism. Specific topics to be announced at time of registration. Course graded on A-F basis only.

Credit Hours: 1-3
Prerequisites: Instructor's consent

SCI_AG_J 7414: Field Reporting on the Food System and Environment
(same as JOURN 7414). Field reporting on the social, political, scientific, economic and ethical dimensions of the food system and environment, with emphasis on explanatory story-telling. Includes multi-day filed trip. Graded on A-F basis only.

Credit Hours: 3
Prerequisites: instructor's consent