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: ENGLSH 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
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: ENGLSH 1000
Recommended: Sophomore standing

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 2940W: Fundamentals of Communications - Writing Intensive
Learn to write about complex topics so that your audience understands and relates to the issues. Students are challenged to become critical thinkers by evaluating and revising business documents. Discuss the free flow of information to the public in a democratic society, media literacy and becoming a discerning consumer of information. Ethical issues related to communicating in the workplace. Through practical application, learn skills in writing effective business messages: positive, negative, and persuasive messages. Learn to apply basic rules of grammar to written communications. Identify the purpose and audience for a written document and organize the information needed to write it. Develop and demonstrate oral presentation skills.

Credit Hours: 3
Prerequisites: ENGLSH 1000 and sophomore standing

SCI_AG_J 2240: 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 3210: Topics in Science and Agricultural Journalism
Instruction in select subject matter areas in the field of communications. Graded on A-F basis only.

Credit Hours: 1-3
Prerequisites: JOURN 4450 and Junior standing

SCI_AG_J 3210W: 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 Hours: 1-3
Prerequisites: JOURN 4450 and Junior standing; Honors Eligibility required

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 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 Hours:** 1-3
**Prerequisites:** English 1000

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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