

STAT 5024 - Effective Communication in Statistical Consulting

Communication skills necessary to be effective interdisciplinary statistical collaborators. Explaining and presenting statistical concepts to a non-statistical audience, helping scientists answer their research questions, and managing an effective statistical collaboration meeting.

Credit Hour(s): 3

CHE 5014 (CHEM 5014) - Communication Skills and Methods of Presentation

Methods and style to make effective technical and nontechnical presentations including blackboard presentations, overhead presentations, slide presentations, and research posters. Video presentations with critiques.

Credit Hour(s): 1

MSE 5014 (CHE 5014) (CHEM 5014) - Presentation Skills

Methods and style to make effective technical and nontechnical presentations including blackboard presentations, overhead presentations, slide presentations, and research posters. Video presentations with critiques.

Credit Hour(s): 1

COMM 5554 - Health Communication Campaigns

Theory, practice, and effects of health communication campaigns on human behavior, society, and public policy. Graduate standing required

Credit Hour(s): 3

COMM 5564 - Persuasion and Social Influence

Examines fundamental theory and research on persuasion and social influence. Emphasis on a broad-based perspective, encompassing the full scope of persuasion as it is found in everyday life. This course examines persuasion in a variety of contexts and settings, including advertising, small groups, and face-to-face encounters.

Credit Hour(s): 3

ENGL 5464 - Introduction to Medical Humanities

Introduction to the medical humanities. Literary inquiry as narrative medicine, medicine and literature, literary bioethics, medical rhetoric, and cultural studies of medicine.

Credit Hour(s): 3

ENGL 5624 - Intercultural Communication

Examination of theoretical and practical issues pertaining to writing and designing for intercultural and/or international audiences. Graduate standing required.

Credit Hour(s): 3

ENGL 5674 - Rhetoric of Science and Technology

Analysis of the historical and philosophical development of the field of rhetoric of science and technology through benchmark publications; examination of scientific texts and technologies as objects of rhetorical criticism. Graduate standing required.

Credit Hour(s): 3

ENGL 6344 - Rhetoric in Digital Environments

Study of the uses of digital media in research, information development and sharing, and advocacy regarding public issues. Graduate standing required.

Credit Hour(s): 3

ALS 5094 - Effective Grant Writing for the Biomedical and Behavioral Sciences

The grant writing process and developing student skills for successful grant writing to support research enterprises. Students will prepare a mock research grant proposal for obtaining funds from the National Institutes of Health, National Science Foundation, or the US Department of Agriculture and participate in panel review of grant proposals of peers.

Credit Hour(s): 1

BIOL 5154 - Exercises in Grantsmanship

All aspects of obtaining grant funding in the sciences. Grant writing, ethics, development of proposals for national funding agencies, the peer review system, and participation in a mock grant panel meeting. Pre-requisite: Graduate Standing required.

Credit Hour(s): 3

BMVS 5094 (CHEM 5094) - Grant Writing and Ethics

A framework for writing clear, concise grant proposals in a team-oriented, multidisciplinary approach from concept development through submission to a funding agency. Potential ethical dilemmas that may arise in academic, industrial, or federal research settings will be discussed. PRE: Undergraduate courses in one of the following: organic chemistry (CHEM 2565/2566), cell and molecular biology (BIOL 2104), Concepts of Biochemistry (BCHM 2024), or equivalent. (3H, 3C) Graduate standing required. II

Credit Hour(s): 3

FST 5094 - Grant Writing and Ethics

A framework for writing clear, concise grant proposals in a team-oriented, multidisciplinary approach from concept development through submission to a funding agency. Potential ethical dilemmas that may arise in academic, industrial, or federal research settings will be discussed. PRE: Undergraduate courses in one of the following: organic chemistry (CHEM 2565/2566), cell & molecular biology (BIOL 2104), Concepts of Biochemistry (BCHM 2024), or equivalent. (3H, 3C). Graduate standing required. II

Credit Hour(s): 3

HD 5654 - Grant Development and Administration in Human Development

Overview of the methods and procedures for developing competitive grant proposals. Students learn basic grant writing skills that include identifying and seeking funding sources, preparing a fundable grant proposal, building a budget, and managing a funded project. Portfolio project: Development of actual grant proposal for an organization or special project. II.

Credit Hour(s): 3

ALS 5334 - Professional Communication Agriculture & Life Sciences

Principles of, and skill development in, academic communication to enhance professional preparation in the agricultural and life sciences. Pre: Graduate standing.

Credit Hour(s): 1

ALCE 5304G - Community Education and Development

Comprehensive examination of community education and development. Community/sustainable community development, strategies for mobilizing social change in/with communities. Explore participatory, popular, and community-based education from rural and urban settings. Globalization, sustainability, and social movement discourses with emphasis on agricultural, health, and food system examples. Pre: Graduate standing.

Credit Hour(s): 3

FIW 5464G - Advanced Human Dimensions of Fisheries and Wildlife

Values, attitudes and opinions of people towards fish and wildlife. Social, economic, legal and political aspects of fisheries and wildlife management. Roles of professionals and the public in fish and wildlife policy processes. Contemporary fish and wildlife policy issues. Graduate Standing required.

Credit Hour(s): 3

FST 5164 - Health Product Risk Communication & Incident Handling

Survey of different international regulations and incident reporting systems including those of North America, Europe and Asia. Case studies of solutions to post-market problems as related to risk management. Discussion of a "culture" of risk communication for a hypothetical company. How to provide risk-based solutions to senior management.

Credit Hour(s): 3

HNFE 5684 (PHS 5214) - Program Development in Health Education

Theory, trends, and design of community health education programs implemented in communities, health agencies, hospitals, and industry. Pre: Graduate standing.

Credit Hour(s): 3

MACR 5024 - Writing Skills in Macromolecular Science and Engineering

This course focuses on methods and critiques for preparing technical abstracts, conference proceedings, technical industrial reports, refereed journal manuscripts and resumes.

Credit Hour(s): 1

PAPA 5614 - Introduction to Science and Technology Policy

Strategies for science and technology policy; science education; scientific and technical information for societal uses; government and public policy; resource allocation; economy and global exchanges of science and technology; approaches to policy evaluation.

Credit Hour(s): 3

PAPA 6664 - Advanced Topics in Science and Technology Policy

Variable topics in science and technology policy. Includes advanced study of science, technology, and economy; science, technology, and power; strategies for research and development policy --public and private sector; transfer of technology; technological forecasting; government regulation and responses; science policy assumptions and challenges, specialist knowledge and expertise; state and academic knowledge production; issues of race, class, gender, and national identity in policy work. May be repeated with a different topic for a maximum of 6 credits.

Credit Hour(s): 3

STS 5614 - Introduction to Science and Technology Policy

Strategies for science and technology policy; science education; scientific and technical information for societal uses; government and public policy; resource allocation; economy and global exchanges of science and technology; approaches to policy evaluation.

Credit Hour(s): 3

UAP 5584 (GIA 5584) (PSCI 5584) - Environmental Politics and Policy

Course provides a broad introduction to the key ideas, actors and institutions related to environmental politics and policy in the United States, with some coverage of global issues. It is intended to provide students with basic interdisciplinary knowledge and an intellectual framework for understanding and thinking critically about environmental politics and policy.

Credit Hour(s): 3