

Interdisciplinary Courses

INDS 101 Introduction to Research Methods in STEM

Credit: 0.25

In this course, students will learn to collect, analyze, evaluate, interpret, criticize and communicate scientific data. Students will conduct three faculty led experimental or analysis projects spanning several STEM disciplines, which will introduce students to questions and approaches in STEM research. Project modules will be complemented by team taught workshops that explore critical reading of primary scientific sources, appropriate use of mathematical and computational tools, effective oral presentation of data and sound technical writing. Workshop content will apply to and draw on all three projects, integrating the projects through cohesive course goals. Teaching assistants will lead regular work sessions and daily evening Math and Science Skills Center (MSSC) sessions, modeling Kenyon's successful MSSC. Assessment will be based on daily assignments, written reports and an oral presentation. No prerequisite.

INDS 110 Scientific Data

Credit: 0.13

In this course, we will learn to collect, analyze, evaluate, interpret, criticize and communicate scientific data. Course activities will include tutorials on mathematical and computational tools as well as group exercises in data analysis. Workshops will explore critical reading of primary scientific sources, effective oral presentation of data, and sound technical writing. Students will apply their learning to a research project collecting, assessing and presenting original data. This course is held during pre-orientation. Enrollment is limited.

INDS 140 Beyond Google: Introduction to Library Research Skills

Credit: 0.25

Separate wheat from chaff and find that haystack needle (or journal article). Learn how to find, evaluate, and use information and research materials in all disciplines. Identify potential resources: understand effective search strategies and practice navigating sources. Learn how to critically evaluate information and use it successfully for research assignments in any class.

INDS 150 Doing the Work: Productivity in an Academic Environment

Credit: 0.25

In this course, students will focus on the challenges facing academic knowledge workers (in management consultant Peter Drucker's famous phrase). We will consider concrete methods that allow us to do our coursework, research and writing more creatively, more productively and more efficiently. Achieving this goal will require us to familiarize ourselves with some of the leading ideas in the field of intellection, cognition, organization and human learning. Students should expect to be active participants in this course and be open not only to learning about the processes of learning itself, but also to developing

strategies for becoming better learners. Although this course is open to all students, first-year and sophomore students especially are encouraged to enroll. No prerequisite.

Instructor: Mason

INDS 231 The Holocaust: An Interdisciplinary Inquiry

Credit: 0.5

This course presents an interdisciplinary inquiry into the destruction of European Jewry during World War II. How was it that in the 20th century, in the midst of civilized Europe, a policy of genocide was formulated and systematically implemented? We will examine the Holocaust within the contexts of modern European history, Nazi ideology and practice, the Jewish experience in Europe, the history of anti-Semitism, and the psychology of human behavior. Data will be drawn from films, literature, art, memoirs, theology and historical investigations. An ongoing concern of the course will be the significance of the Holocaust in political discourse and in our own thinking as individuals. When a faculty member from religious studies, modern languages and literatures (German) or history is teaching the course, students may count it toward majors in history, modern languages and literatures (German) or religious studies.

Instructor: Staff

INDS 497Y Senior Honors

Credit: 0.5

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