

Sample Learning Objectives

The Statistics of the Gay and Lesbian Population

Upon successful completion of the course, you should be able to:

- List and discuss statistical and foundational issues that impact research on LGBT topics.
- Discuss features and limitations of various sampling procedures and research methodologies.
- Perform simple calculations and statistical analysis.
- Represent simple data in the appropriate graphical form.
- Interpret statistical output in terms of the original research question.
- Do library research using print and online resources as appropriate.
- Evaluate the content of research and popular press articles, and websites by combining all the previous skills.
- Draw informed conclusions that reflect an understanding of multiple (and sometimes conflicting) sources of information.
- Communicate orally and in writing your knowledge, thoughts and positions about scientific LGBT issues.

Genetics

Course Description and Objectives:

Although the principle concepts of genetics have been known for only 100 years, genetic selection has been conducted for many centuries on domesticated animals (i.e. dogs) and food crops (i.e. corn). The field of genetic research, although still in its infancy, represents a fundamental aspect of human biology. While recent advances in genetic research have provided a greater ability to diagnosis and treat various human abnormalities, such as cancer, they have also produced many ethical and political considerations, which are still hotly debated and remain unresolved. This class will provide you with an understanding of the principles and concepts of genetics. Specific objectives of this course are to provide an understanding and discuss ramifications of: 1) Inheritance, 2) Gene Structure, 3) Gene Function, 4) Gene Mutation, and 5) Ethical issues related to genetic research and its applications.

Gender, Work and Family

When you have completed the course you will be able to

- describe the major trends in family formation and work-force participation of men, women and children over the past 100 years;
- know where and how to access useful statistics and survey datasets upon which trends and analyses are based, and recognize the limitations of this data;
- apply different sociological and economic theories to interpret trends in work and family life, including functional, rational-choice, structural, institutional, feminist, and Marxist theories;
- design analyses to test theories based on quantitative and qualitative data

Introduction to Financial Accounting

Student's Learning Objectives:

- Understand the foundation of accounting concepts and the difference between accrual accounting and cash flows
- Apply conceptual knowledge to business transactions by translating transactions into three major accounting statements: Balance Sheet, Income Statement, and Cash Flow Statement
- Compare and contrast the three accounting statements and be able to explain limitations of the information
- Analyze the financial statements and interpret key financial ratios
- Acquire institutional knowledge of accounting regulation and the roles of various parties involved

Literature and Digital Culture

Expected Learning Outcomes

- To learn how to read literary texts (including but not limited to digitized texts) with discernment and comprehension and with an understanding of their literary and digital conventions
- To practice drawing on relevant cultural and historical information (collected from library databases, for example) to situate texts and literary concerns within cultural, political, and historical contexts
- To perform critical, formal analysis of literary and other cultural texts
- To produce focused, analytical essays, exhibits, and blog posts in clear, grammatical prose.
- To employ logic, creativity, and interpretive skills to produce original, persuasive arguments using digital publishing platforms
- To learn basic vocabulary and concepts used in literary studies and in the field of digital humanities
- To examine how and why digital tools can be used to study literature
- To examine how and why literary analysis can be used to study digital knowledge
- To gain experience working collaboratively
- To learn how digital tools and media technologies function in society, academic culture, and/or scholarly research
- To gain knowledge of the way digital tools/technologies operate: how they structure and model knowledge, narrative, and information, and how they can be leveraged to make powerful arguments
- To gain experience developing (planning and/or building) a digital research project
- To learn how to use digital tools effectively, ethically, and thoughtfully to build new knowledge

Intro to Fiction

By the end of this course, the successful student will be able:

- To understand literary texts and their conventions.
- To draw on relevant cultural and/or historical information to situate texts within their social contexts.
- To analyze novels formally and critically.
- To write focused, analytical essays in clear, grammatical prose.

Cognitive Psychology

Course Objectives:

This course will introduce core issues, theories, and experimental findings in cognitive psychology. Topics to be covered include perception, attention, memory, imagery, language, learning, reasoning, problem solving, and expertise. The format will include lecture, class activities, and in-class discussion. The goal of the course is for you to develop a deep understanding of cognitive theories, concepts, and their applications.

Environmental Ethics

By the time you finish this course you should be able to:

- identify and analyze the ethical aspects of particular problem situations in the domain of environmental policy;
- describe and explain how each problem situation would look from various points of view, with a full and fair-minded understanding of how each point of view makes sense on its own terms;
- describe and explain how ethical frameworks have bearing on each problem situation;
- effectively collaborate with others in analyzing problem situations and in generating several distinct options; and
- present a critical consideration of each option that is well-balanced and theoretically informed.

These learning objectives adapted from Duke University, Carnegie Mellon University, the University of Oregon and the University of Pittsburgh.