

SOCIAL SCIENCES

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Chair

Jonathan Rosenberg

Associate Chair

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Faculty with Research Interests

For information regarding faculty visit the Department of Social Sciences website.

The Department of Social Sciences offers three undergraduate degrees:

1. Bachelor of Science (B.S.) in Global Studies
2. Bachelor of Science (B.S.) in Science, Technology, and Society
3. Bachelor of Science (B.S.) in Social and Economic Development Policy

The department offers minors in policy, political science, and sociology, and collaborates with other university departments to offer interdisciplinary minors in global studies and urban affairs.

Also offered are two accelerated degree programs: a B.S./J.D. program with Chicago-Kent College of Law that can be completed in six years, and a B.S./M.P.A. program with Stuart School of Business that can be completed in five years.

The department offers a variety of courses to broaden the student's education and to fulfill the Illinois Institute of Technology Core Curriculum requirements. Courses from political science (PS), sociology (SOC), and interdisciplinary social science (SSCI) are administered through the Department of Social Sciences.

Degree Programs

- Bachelor of Science in Global Studies
- Bachelor of Science in Science, Technology, and Society
- Bachelor of Science in Social and Economic Development Policy

Co-Terminal Options

The Department of Social Sciences also offers the following co-terminal degree, which enables a student to simultaneously complete both an undergraduate and graduate degree in as few as five years:

- Bachelor of Science in Social and Economic Development Policy/Master of Public Policy and Administration

This co-terminal degree allows students to gain greater knowledge in specialized areas while, in most cases, completing a smaller number of credit hours with increased scheduling flexibility. For more information, please visit the Department of Social Sciences website (iit.edu/social-sciences).

Minors

- Minor in Global Studies
- Minor in Political Science
- Minor in Public Policy
- Minor in Sociology

Course Descriptions

LCHS 100

Introduction to the Professions

This course is designed for students who are majors in the Departments of Psychology, Humanities, or Social Sciences, or who are undecided about their major. Students will learn about professions in the context of different industries related to majors in those Departments, including entry points for each industry and the career opportunities associated with different sectors. Students will be provided assessments of their abilities and interests to inform their thinking about career paths that represent a best fit.

Lecture: 2 Lab: 0 Credits: 2

Satisfies: Communications (C)

LCHS 201

Introduction to Science, Technology, and Society

As societies demand, embrace, adapt and reject scientific knowledge and technologies, they reshape the ways that knowledge and technology are produced. The effects are felt in all aspects human identity and interests: from the ways we live our everyday lives, to our understanding of who and what we are, to the making of political decisions of global proportions. This course—drawing from the social sciences and humanities—prepares students to think critically about the human relationships and institutions that make and are remade by scientific and technological change.

Lecture: 3 Lab: 0 Credits: 3

LCHS 255

Leadership in Sports

A sports and coach minded approach to leadership concepts and application. Focusing on youth, elementary, professional, and recreational sports and the fundamental elements and differences of leadership at each level.

Lecture: 3 Lab: 0 Credits: 3

LCHS 285

Special Topics

Investigate a topic of current interest at an introductory level. Topic will be announced by instructor at scheduling time. Course may be taken multiple times.

Lecture: 3 Lab: 0 Credits: 3

LCHS 286

Special Topics in the Human Sciences

This course investigates a topic in the human sciences.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

LCHS 360

Building Success: Career and Life Design in the 21st Century

Building Success: Career and Life Design in the 21st Century equips Illinois Tech students with the career and life tools to help them chart their future. The course will help students uncover insights into their strengths and values and provide them career resources and strategies to help them confidently answer the question "tell me about yourself." The curriculum is designed to help any student/any major with the career and life design process.

Lecture: 0 Lab: 0 Credits: 0

LCHS 397

Roosevelt Placeholder

Placeholder for courses taught at Roosevelt University.

Lecture: 3 Lab: 0 Credits: 3

PS 200

American Government

Surveys American politics and government. Informal political institutions, such as parties and interest groups, are analyzed and related to formal governmental institutions, such as the presidency and the Congress. Emphasis is placed on how the American political culture shapes these institutions and how public policies are produced.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 214

State and Local Government

Investigates the relationships among federal, state/provincial, metropolitan/regional, and local units of government, examining theories of federalism, constitutional foundations, judicial interpretations, administrative actions, and current trends and debates. The United States and other federal systems serve as case countries. The course also explores how federalism is being shaped by such factors as globalization, environmental challenges, tribal sovereignty, and terrorism.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 230

International Relations

Introduces students to the major theories and concepts needed to understand compelling issues confronting the international system. Students will examine how thinking and practice have evolved on such fundamental matters as war, peace, and national security; weapons proliferation; human rights; political economy; international aid and sustainable development; regional integration; and the roles and functions of international and non-governmental organizations.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 232

Democracy, Dictatorship, and Development

Introduces students to the most common theories and approaches in contemporary comparative political analysis. Students then employ the tools of comparison developed in an examination of the causes and consequences of political instability and conflict and transitions to stable democracy.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 242

American Foreign Policy

Explores how American foreign policy is made and why it matters both in the context of domestic politics and for the international system as a whole. Students will identify U. S. foreign policy goals and critique foreign policy implementation.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 285**Special Topics in Political Science**

Investigates a topic of current interest at the introductory level. Topic will be announced by instructor at scheduling time. There are no prerequisites for this course. Course may be taken multiple times provided the topic is different each time.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 306**Politics and Public Policy**

Analyzes public policy processes with a primary focus on the United States and a secondary focus on cross-country comparisons involving the U. S. The overarching concern is the effectiveness of government intervention given our market-based system. The student will become familiar with models and determinants of policy making. Beyond theories of policy making, the course also surveys a number of timely policy issues. In this way, a balance is reached between theory and application. There will be an underlying focus on the American political economy and public policy making, but students do not need an extensive background in either economics or policy making.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 313**Comparative Public Policy**

Considers why policies on issues like social welfare, health care, education, immigration, and others differ from country to country, looking for answers in such factors as political culture, level of economic development and equality, institutional frameworks and actors, social organization, or some mix of those explanations.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 315**Urban Politics**

Examines city and metropolitan politics and government. The course emphasizes how economic and demographic changes influence local politics, how local politics work, and how state and national policies influence local politics.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 317**Chicago Politics**

Studies Chicago's politics and government from both historical and contemporary perspectives. Emphasis is placed on changes that have significantly shaped the direction of Chicago's politics. Special attention is devoted to social class, ethnicity, race, and ideology as factors that have influenced the Democratic political machine and its opponents.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 329**Environmental Politics and Policy**

Students look at the complexities of making and implementing environmental policy at the local, national, regional, and/or global levels. Emphasis will be placed the ways that conflict and cooperation among multiple economic, social, and political interests contribute to the successes and failures of environmental policy. Topics for in depth study may include global warming, air and water pollution, depletion of natural resources, biodiversity conservation, environmental communication, and the roles played by international organizations, local and national governments, businesses, and non-governmental organizations.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 332**Politics of Science and Technology**

Explores the complex interrelationships among science, technology, and politics, with emphasis on the political issues created by contemporary scientific advances. The course gives roughly equal attention to the politics of scientific discovery; the development of organizations providing scientific advice to government; the impact of industrialized science and advanced technology on the economy and society; and the growing debate over the social implications of science and technology and how they can be predicted, measured, and controlled.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 338**Energy Policy**

This course traces our dependence on fossil fuels and government-based attempts to promote energy conservation and develop alternate energy sources. Assessed are the economic and political effects of the supply and demand for energy; the implications of different energy production and consumption methods; and efforts to minimize the environmental consequences through increased energy efficiency and/or regulation. The course explores such problems as fossil fuel dependence, greenhouse gas emissions reductions, nuclear waste, rapid industrialization, and national and international attempts to provide economic, political, and technological solutions.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 351**Public Administration**

Examines the nature of administrative organization, decision-making in organization, and organizational structures and processes: division of work, authority, communications, and planning. The course considers the role of the government executive and analyzes the relationship between fiscal procedures and personnel management in organizations.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 354**Urban Policy**

Explores major dilemmas facing cities today, including changing economic and tax bases, fiscal stresses, marginalized populations, new forms of consumption, and adaptation to structural change. Responses of politicians to pressures to develop new policies and leverage the productive capacity of the city and the impact of citizen preferences are analyzed. Same as SOC 354.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 360**Global Political Economy**

Examines the economic, socio-political, and cultural aspects of globalization within the context of both contemporary discussions about the phenomenon and wider debates in the field of political economy. The course also covers aspects of international development, both economic and political.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 372**Government and Politics in Africa**

Surveys contemporary African politics in its historical, economic, and cultural context. Both individual country cases and regional issues are examined, and approaches to comparative political analysis are used to understand the causes and consequences of observed patterns of political similarities and differences.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 373**East Asian Political Economy**

Surveys contemporary East Asian politics in its historical, economic, and cultural context. Both individual country cases and regional issues are examined, and approaches to comparative political analysis are used to understand the causes and consequences of observed patterns of political similarities and differences.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 374**Politics of Europe**

Surveys contemporary European politics in its historical, economic, and cultural context. Both individual country cases and regional issues are examined, and approaches to comparative political analysis are used to understand the causes and consequences of observed patterns of political similarities and differences.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 375**Politics of Latin America**

Surveys contemporary Latin American politics in its historical, economic, and cultural context. Both individual country cases and regional issues are examined, and approaches to comparative political analysis are used to understand the causes and consequences of observed patterns of political similarities and differences.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Social Sciences (S)

PS 385**Topics in Political Science**

Investigates a topic of current interest in Political Science, which will be announced by the instructor when the course is scheduled.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 388**International Law and Organizations**

This course examines structures of global governance using analytical lenses developed by both political scientist and international legal scholars to understand the depth and scope of international law. We will explore the relationships between power, rules, and norms as well as the relative impact of hard versus soft law and more or less legalized institutional structures. These themes will guide us through a comparative survey of international and legal frameworks attached to the US, the International Criminal Court, and the World Trade Organization and those created by regional economic institutions such as the EU and NAFTA.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 408**Methods of Policy Analysis**

Introduces students to the field of policy analysis and acquaints them with basic methods of policy analysis and urban planning. Emphasis is on these methods and problem solving rather than on politics or the political process. Topics include decision theory, benefit/cost analysis, problem simulation, population projection, and problem definition and formulation. This seminar serves as the required capstone course for the Policy Analysis/Technology specialization.

Prerequisite(s): PS 300-399 and PS 190-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

PS 491**Undergraduate Research in Political Science**

Working with a member of the political science faculty, students will choose a topic, conduct research, and complete an original, independent research project.

Prerequisite(s): PS 300-399 and PS 190-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C)

PS 497**Directed Readings in Political Science**

Consists of independent reading and analysis, centered on particular problems and supervised by a member of the Political Science faculty. (Credit: Variable; maximum 3 credit hours)

Prerequisite(s): PS 300-399 and PS 190-299

Credit: Variable

Satisfies: Communications (C), Social Sciences (S)

SOC 200**Introduction to Sociology**

Introduces students to the structure and operation of society. The course analyzes individual behavior and emphasizes social problems.

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 208**Social Psychology and Society**

Explores different aspects of everyday judgments and their sometimes undesirable social consequences, especially the Fundamental Attribution Error. Other topics include various types of group influences on individual judgment and behavior, as well as persuasion, "brainwashing," helping behavior, and prejudice. Formerly called SOC 308.

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 211**Introduction to the Sociology of Space**

This introductory sociology course deals with people's general experience of space and how space and spatial arrangements affect people, social interaction, and the sense of community. It is designed to develop knowledge and understanding as well as analytical and perceptive skills. Our experiences of the spatial dimension of reality will be examined from various perspectives: emotional; cognitive; functional; symbolic; and cross-cultural. Our study objects range from everyday experiences to questions of community and city planning. Basic sociological concepts and research methods will be introduced and related to the topics covered. This course is required for SOC 311 (Social Use of Space).

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 250**Introduction to Science, Technology, and Society**

The growth of scientific knowledge and technology and the ways in which it has been produced have historically been intertwined with the development of culture and society. The effects are felt in all aspects of human identity and interests: from the ways we live our everyday lives, to our understanding of who and what we are, to the making of political decisions of global proportions. This course prepares students to think critically about the cultures, beliefs, human relationships, and institutions that make and are remade by scientific and technological change.

Lecture: 3 **Lab:** 0 **Credits:** 3

SOC 285**Introductory Special Topics in Sociology**

Investigates a topic of current interest at an introductory level. Topic will be announced by instructor at scheduling time. There are no prerequisites for this course. Course may be taken multiple times, provided the topic is different each time.

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 301**The Social Dimension of Science**

Examines how social and psychological factors influence the reasoning and behavior of scientists. By contrasting traditional views of science with actual scientific practice, the course aims to understand such phenomena as "hype," resistance to scientific discovery, controversy, vicious competition, error, self-deception, and fraud.

Prerequisite(s): HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 302**Science and Belief**

Explores the relationship between science and belief by comparing Western science with other belief systems, science with religion, and science with pseudo-science. The course also examines cultural and ideological influences on scientific knowledge and public faith in science.

Prerequisite(s): HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 303**Science in Society**

Examines the role of the institution of science, scientific knowledge, and scientists in society. The course focuses on areas where science significantly influences and is influenced by political, economic, and cultural institutions and contexts.

Prerequisite(s): HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 305**Social Communication**

Studies the variety of subtle ways, verbal and nonverbal, in which humans communicate in personal, professional, and public life, and how to identify and solve problems and misunderstandings that typically arise. Topics include the social nature of humans, interpersonal communication, interaction within and between groups, teamwork, leadership, and intercultural communication.

Prerequisite(s): HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Social Sciences (S)

SOC 311**Social Use of Space**

Gives students basic insights into people's experience of space and the effect of spatial arrangements on people's behavior. The course explores the differences in conceptions between planners and users and the need to take the user into account in spatial design.

Prerequisite(s): SOC 211

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Social Sciences (S)

SOC 322**Sociology of Objects and Technology**

Surely technology shapes society. But can society shape technology as well? This course focuses on technologies and technical objects and their intersection with basic sociological themes like social stratification, stability and change, social control, identity, and community. It emphasizes the relationship between the specific properties of technical systems and their social consequences, and examines the complex entwining of social structure and technologies among politics and technologies across many scales.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SOC 348**Deviant Behavior and Conformity**

Analyzes the definition, development, and control of deviant behavior in relation to social processes. Societal reaction to and the amount, distribution, and behavioral systems of various forms of deviance (drug addiction, suicide, crime, alcoholism, illegitimacy, etc.) are examined.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SOC 362**Technology and Social Change**

Examines the social implications of selected emerging and cutting-edge technologies with an emphasis on recent developments and events. The course investigates the consequences of those technologies for society using both short-term and long-term perspectives and including moral, ethical, socioeconomic, and educational considerations. Same as PS 362.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SOC 385**Topics in Sociology**

Investigates a topic of current interest in Sociology which will be announced by the instructor when the course is scheduled.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SOC 491**Undergraduate Research in Sociology**

Working with a member of the sociology faculty, students will choose a topic, conduct research, and complete an original, independent research project.

Prerequisite(s): SOC 300-399 and SOC 190-299

Credit: Variable

Satisfies: Communications (C)

SOC 497**Directed Readings**

Consists of independent reading or analysis, centered on particular problems and supervised by a member of the Sociology faculty.

Credit: Variable; maximum 3 credit hours.

Prerequisite(s): SOC 300-399 and SOC 190-299

Credit: Variable

Satisfies: Communications (C), Social Sciences (S)

SOC 498**Exercises in Behavioral Observation**

Provides students with an opportunity to acquire better field-work skills by providing a forum for discussing and practicing the craft. This is a seminar in advanced ethnographic methods. Permission of instructor is required.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 100**Introduction to the Profession**

The course introduces students to social science professions, career possibilities, and the range of skill sets utilized by professionals in the field.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 106**Introduction to Public Policy**

This is an introductory course on public policy processes with a primary focus on the United States and a secondary focus on cross-country comparisons involving the U.S. The overarching concerns in this course address the following problems related to implementing effective policies: a polarized public, incrementalism in policy making, preferences toward elites, moving/changing targets of policy outcomes, and challenges related to information transfer and communication. To this end, the student will become familiar with models and determinants of public policy making, learn about the dominant policy areas, and select a specific area for political and economic analyses.

Lecture: 2.5 Lab: 0 Credits: 3

SSCI 204**States, Markets, and Society**

This course examines theoretical explanations for the relationship between governments, society, and the global economy. It considers structural industrial shifts and the impact of technology on production, economic competitiveness and social welfare. Themes include labor value, bureaucratic theory, class conflicts and in the internationalization of capital.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 209**Social Science Research Methods**

Introduces students to explanation in the social sciences and both qualitative and the quantitative research methods. Topics covered include the formulation of research questions, measurement, data collection, survey research, significance tests, experimental and quasi-experimental design, sampling, and various techniques of qualitative research.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 210**Social and Political Thought**

Examines central social and political theories and their ideas concerning the relationship between individual and society, social harmony and conflict, social equality, and the state.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 220**Global Chicago**

Through readings, lectures, and field trips to local neighborhoods, this course will look at the ways that Chicago has become a global city and what that means for local government, businesses, educators, and the non-profit sector. The course explores how Chicago has become a node in the global economy and a gateway to immigrants from all over the world.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 225**Introduction to Geographic Information Systems**

This course introduces students to the use of digital geographic information in reasoning about the world. Topics include geographic data collection and management, geographic data models, and basic geographic analysis. A variety of GIS applications will be described across a range of disciplines with an emphasis on geographic problem solving. The social, economic, and legal context of geographic information will also be examined. Principles and concepts will be provided in lectures and reinforced through a series of hands-on exercises.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 285**Special Topics**

Investigates a topic of current interest at the introductory level. Course may be taken multiple times provided the topic is different each time.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 318**Global Health**

Multidisciplinary course that addresses the most critical issues and initiatives in global health, covering the history of the field and its basic principles and goals, the determinants of health and its links with development, competing perspectives on global health challenges and ways to meet them, the most important causes of disease and death, and the organizations and governance mechanisms that are endeavoring to improve outcomes. The course is geared toward developing theories and methods to understand the social, economic, political, and environmental causes of health outcomes with a focus on disadvantaged communities and health inequalities.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 319**Comparative Health Systems**

Surveys and compares health care systems in a range of developed and developing countries. The course examines why countries facing similar health problems have sometimes developed different policy responses, what has been the nature of those policies, and how effective or ineffective they have been. Health insurance, payment methods, the role of providers, the relationship between medicine and culture, and recent reforms and innovations in health care policy are among the topics discussed.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 320**Sociology of Accidents, Disasters, and Security**

Accidents and disasters are endemic to complex systems. Security involves the practices employed to mitigate, manage, or defend against them. This course provides critical sociological perspectives on accidents, disasters, and security practices by examining cases which may include nuclear accidents, vulnerability to extreme weather events resulting from social inequality, counter-terrorism practices, "friendly fire" in combat zones, and enhanced surveillance of public and private life.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 321**Social Inequality**

Evaluates the patterns and dimensions of social, economic, and political inequality in American society and how these compare with other societies, who gets ahead and why, the consequences of social stratification, and the outlooks for the future of inequality in developed countries like the United States.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 323**Problems of Multi-Ethnic, Multi-Religious States**

Focuses on the political challenges arising in multi-ethnic, multi-religious societies in which there has been substantial conflict or balkanization. Developed and developing countries receive attention.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 325**Intermediate Geographic Information Systems**

This course builds on introduction to geographic information systems (GIS) and emphasizes GIS spatial modeling skills to solve real world problems. Topics covered include vector and raster data models and conversions, common map algebra functions, surface analysis, 3-D rendering, network analysis, and solve road network problems.

Prerequisite(s): PSYC 203 or SSCI 225

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 354**Urban Policy**

Explores major dilemmas facing cities today including changing economic and tax bases, fiscal stresses, immigration, marginalized populations, new forms of consumption, and adaptation to structural change. Responses of politicians to pressures to develop new policies and leverage the productive capacity of the city and the impact of citizen preferences are analyzed.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 355**Regional Economic Development**

This course focuses on methods of analyzing why regions differ economically, how they interrelate, and why and how they react to changes in economic policies and conditions. Students will learn about models and metrics of regional structure and growth.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 376**Global Migration**

This course will examine the history of migration and present-day situations in Europe, the Americas, the Asia-Pacific region, Africa, and the Middle East including the policies that let some people in but keep others out. Significant attention will also be paid to the process by which foreign "outsiders" become integrated (or not) in their new home. Course draws on research from political scientists, sociologists, demographers, economists, and anthropologists.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 378**Innovation Policy**

This course examines government-based attempts to promote innovation. Covered here are the distinctions between "research" and "development" (R&D), the roles states play in guiding specific areas of research, and the rise of the "innovation-based developmental state". Particularly important for this course are problems relating to green R&D, public and private research coordination, patent policy, and international R&D collaboration. Instructor permission is required.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 380**International Development**

This course reviews multidisciplinary perspectives on international development over the last century. It includes a survey of social science theories of development and parallel shifts in the definition of development and development approaches. The role of development stakeholders is also addressed. Topics may include international aid, environmental sustainability, migration, investment, and resources. The course aims to provide students with the necessary knowledge to critically evaluate the successes and failures of current development policies.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 381**Computational Social Science**

The social sciences are about society and the interactions between its constituents. In this course, we will discuss computational models of social interactions that give rise to wealth inequality, ethnic conflict, and environmental degradation. Using computational tools, we can gain insight into the micro-foundations of societies and institutions. We can ask, for example, how political attitudes contribute to social movements, such as mass riots, rebellions, and collective altruism. We will experiment with agent-based models to learn how macro-patterns—racial segregation, cultural norms, and collective actions—arise spontaneously from the interactions of individuals making up a social system. Class assignments and the term paper project will focus on how to extend an existing computer model and interpret the results in the context of a social science research investigation.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Social Sciences (S)

SSCI 385**Special Topics**

Investigates an interdisciplinary topic of current interest in the social sciences. Course may be taken multiple times provided the topic is different each time.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 386**Qualitative Social Science Research Methods**

Introduces research methods used in a variety of social science disciplines. Students may explore theoretical and practical issues in research interviewing, ethnographic fieldwork, experiments, conversation analysis, the construction of investigable research questions, data generation and recording, and analytic approaches such as grounded theory and analytic induction. The course combines in-class instruction and workshops with opportunities to apply research methods in on- and off-campus settings.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 387**Fieldwork Methods**

This course is designed to provide students with the opportunity to work on a real-world project that is or will be taking place "in the field."

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 388**Methods of Economic Impact Analysis**

Students learn methods used by practicing professionals to integrate environmental and social dimensions of policymaking into the framework of economic impact analysis including input-output techniques and social accounting models. Students will learn to use specialized databases and software to quantify the impact of exogenous forces on the U.S. national, state, and local economies.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 389**Urban Planning Analysis**

Urban planning plays a critical role in promoting a full and productive life for people around the world; therefore, planners must be able to evaluate the effectiveness of planning responses to particular situations. This course introduces methods for developing and evaluating empirical information in support of urban planning, applying methods widely used by planning and policy professionals.

Prerequisite(s): HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 422**Complex Organizations**

Introduces students to the significant theoretical frameworks that have emerged over time to describe and explain public and non-profit organizations as well as organizational actors and actions. The seminar includes consideration of relations between organization and its environment, the importance of inter-organizational networks, and the role of power in organizational life.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 480**Introduction to Survey Methodology**

This course will introduce advanced undergraduate students to the set of principles of survey research design that are the basis of standard practices in the social sciences. The course will discuss how to formulate research questions and develop hypotheses suitable for testing.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 486**Planning, Fundraising, and Program Evaluation**

The purpose of this course is to provide students with an introduction to applied research methodologies which are commonly used by public and non-profit managers to assess the effectiveness of service delivery. We will explore the theoretical underpinnings and practical application of the range activities involved in planning, implementing, and evaluating programs.

Prerequisite(s): SSCI 300-399 or PS 300-399 or SOC 300-399

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Social Sciences (S)

SSCI 491**Directed UG Research**

Students will submit a topic for instructor's approval, conduct research, and complete an original, independent research project regarding spatial distribution of economic activities.

Lecture: 0 Lab: 3 Credits: 3

Satisfies: Communications (C)

SSCI 493**Public Service Internship**

This course is designed to give students in a Social Science major the opportunity to combine classroom theory with practical application through job-related experiences. Students will complete a 120-hour internship with an approved industry, government, or non-profit organization with a work focus which relates to their academic training and career objectives. Instructor permission is required.

Lecture: 0 Lab: 3 Credits: 3