



International Development Policy & Management Certificate List of Approved Electives

NOTES:

- **Following is the current list of approved electives for the International Development Policy & Management Certificate; however it is not an exhaustive list of courses that may apply toward the certificate.** As course offerings continually change, courses on this list may no longer be offered or there may be new courses that have not yet been added. Students are encouraged to contribute to this list by submitting course descriptions and syllabi to devcert@uw.edu for consideration and possible approval. Similar courses on other UW campuses may also be submitted for consideration and possible approval. **Please check with departments for the most up-to-date course information.**
- Students may take **one** elective S/NS or CR/NC.

Courses are listed by College or School in the following order:

- College of Built Environments
- College of Arts and Sciences
- College of Education
- College of Engineering
- College of the Environment
- Information School
- Foster School of Business
- School of Law
- School of Nursing
- Evans School of Public Policy & Governance
- School of Public Health
- School of Social Work

COLLEGE OF BUILT ENVIRONMENTS

Strategic Planning for Critical Infrastructure

- IPM 505 Climate Change and Infrastructure

This course introduces the science of climate change and examines each of the six major infrastructure systems in relationship to climate change phenomena.

- SPCI 505 Epidemiology of Biological and Chemical Hazards Mitigation I: Principles

Introduction to epidemiology: surveillance for detection of outbreaks, outbreak investigation, and control for infectious agents, toxins, and chemicals. Case studies are drawn from actual outbreaks illustrating these essential epidemiological methods. Examines problem-solving techniques. Credit/no credit only.

COLLEGE OF ARTS AND SCIENCES

Anthropology

- ANTH 507 Current Issues in Sociocultural Anthropology:

Specific Topic: Topics in Environment and Development

Biweekly presentations by participants and guest lecturers of current literature and ongoing research in topics pertaining to social, cultural, and linguistic anthropology. Credit/no credit only. Prerequisite: first-year sociocultural graduate students in good standing or permission of sociocultural faculty.

- ANTH 526 Political Islam and Islamic Fundamentalism

Examines political Islam as a modern phenomenon produced at the intersections between localized and globalized political cultures and between political, religious, and social authority. Focuses on anthropological studies to examine how Islamic publics produce moral judgments about political practices.

- ANTH 535 Research Issues in Demography and Population Studies

Interdisciplinary seminar on current research issues in demography and population studies. Critical analysis and discussion of readings drawn from anthropological, economic, geographic, and sociological approaches. Credit/no-credit only.

- ANTH 540 Anthropology of Place

Explores a variety of ways that "place" has been studied and theorized. Attention paid to places as they are sensed, inscribed, practiced, narrated, scripted, created, and reclaimed. "Place" also discussed in relation to issues of the environment, travel, diaspora, race, class, and gender.

- ANTH 541 Cultural Aspects of International Development

Emergence of development as an aspect of late colonialism and the decolonization process. Ways in which development came to visualize social change in sectoral terms like rural land use, cities, and education, while objectifying people in target groups. Relationships between development and modernity, and development and globalization.

- ANTH / NURS 562 Clinically Applied Anthropology

Anthropology as it relates to interdisciplinary delivery of culturally relevant health care. Cultural variation in illness beliefs and behavior, types of healing practices, illness prevention, social support networks. Prerequisite: graduate standing, permission of instructor.

- ANTH 570 Environmental Anthropology

Current issues in the study of human environment interaction from a cross-cultural perspective: ecological adaptation and maladaptation; ethnoecology and indigenous knowledge; anthropogenic environmental change; political ecology of "development;" interrelations of cultural and biological diversity; conflicts over indigenous land use and property rights, environmental justice, resource conservation, and sustainability.

- ANTH 574 / NURS 582 / PHG 521 Culture, Society, and Genomics

Examines social and cultural issues of human genome sequencing and control of genetic expression. Attitudes and behaviors toward health, illness, and disability are studied using historical, contemporary, and cross-cultural case study material. Offered: jointly with NURS 582/PHG 521.

Center for Studies in Demography and Ecology

- CSDE 595 Special Topics in Population Studies

Specific Topic: Sustainability: People, Institutions, Knowledge and the Environment

Investigates this crucial and contested concept of sustainability by looking at interactions between economic, social and environmental processes, and how different disciplines have thought about these interactions.

Communications

- COM 527 International Communication Research Methods

Methodological issues particular to the design or analysis of research that deals with data from different countries, cultures, or sub-cultures. Prerequisite: COM 501 or equivalent.

- COM 562 International Communication Systems

International communications and contemporary issues that affect the functioning of global communication systems. Interdisciplinary focus.

Economics
<ul style="list-style-type: none"> • ECON 471 International Trade <p>Covers various theories of international trade and offers discussion of the welfare impacts of trade policies.</p>
<ul style="list-style-type: none"> • ECON 543 Population Economics <p>Analysis of population issues from an economic perspective. Focuses on the study of household behavior in both developed and developing countries. Studies areas including fertility decisions, health and mortality, investment in education, the intra-household allocation of resources, and household structure and marriage. Prerequisite: ECON 501.</p>
<ul style="list-style-type: none"> • ECON 574 International Macroeconomics <p>Surveys recent developments in international macroeconomics, placing particular emphasis on the dynamic aspects. One sector, multisector, and two-country international models discussed. Fiscal issues treated in depth. Stochastic aspects introduced and related to the literature on international real business cycles. Prerequisite: ECON 509 or equivalent.</p>
<ul style="list-style-type: none"> • ECON 591 Microeconomics of Development <p>Theoretical and empirical analysis of the microeconomics of development. Focuses on the study of household behavior in developing countries and how households respond to missing/imperfect markets. Topics include land access, nutrition and productivity, responses to risks and shocks, credit markets, micro-finance, and program evaluation. Prerequisite: ECON 501.</p>
<ul style="list-style-type: none"> • ECON 592 Development Policy <p>Theoretical and empirical analysis of macroeconomic policies pursued by developing countries. Topics include the determination of exchange rates and relative prices in small economies; the examination of government spending, taxation, banking, trade, and labor market policies; and the evaluation of market-oriented economic reform programs. Prerequisite: ECON 503; recommended: ECON 591.</p>
<ul style="list-style-type: none"> • ECON 595 Growth and Inequality <p>Introduces the modern tools of macroeconomic analysis, in the context of several research topics in the areas of growth and inequality. Helps prepare students to undertake research of their own.</p>
Geography
<ul style="list-style-type: none"> • GEOG 520 Research Seminar: Geographic Information Representation <p>Current issues in geographic information representation for geographic information systems (GIS). Includes representation for visualization, databases, and analyses. Prerequisite: one course in GIS.</p>
<ul style="list-style-type: none"> • GEOG 531 Latin American Development Seminar <p>Evolution of development theory in Latin America from a spatial perspective. Theories and development issues, using case studies from Latin America. How geographers have conceptualized development problems and solutions. Prerequisite: GEOG 430.</p>

<ul style="list-style-type: none"> • GEOG 532 Research Seminar: Advanced Topics in Agriculture and Food <p>Examines classic and contemporary research and writing on agricultural development and food and hunger drawing from political economy, political ecology, poststructural theory, cultural studies, and feminist theory.</p>
<ul style="list-style-type: none"> • GEOG 542 Research Seminar: Social and Population Geography <p>Classic and contemporary theoretical and empirical research in social and population geography. Specific focus changes annually.</p>
<ul style="list-style-type: none"> • GEOG 553 Advanced Topics in Cultural Geography <p>Focuses on important contemporary topics in geography and cultural studies, especially race and racism. Includes critical questions surrounding issues of representation, recognition, and redistribution.</p>
<ul style="list-style-type: none"> • GEOG 560 Principles of GIS Mapping <p>Origins, development, and methods of cartographic mapping. Principles of data representation and map design for thematic mapping and spatial analysis. Introduction of principles of geographic information systems (GIS).</p>
<ul style="list-style-type: none"> • GEOG 567 Research Seminar: Geography and Economic Development <p>Explores ways in which economic and social changes affect the well-being and development of subnational, regional economies. Explanatory roles of such factors as labor and labor institutions, governments, technical change, corporations, capital markets, information costs, and international trade in the process of global restructuring. Specific focus changes annually.</p>
<ul style="list-style-type: none"> • GEOG 571 Research Seminar: Critical and Normative Ecologies <p>Engages in an ecocritique of mainstream managerial environmentalisms by unearthing their ideological bases, and delves into the ethical underpinnings of ecological resistance struggles or green utopias such as ecofeminist, deep and social ecology, and environmental justice movements.</p>
<ul style="list-style-type: none"> • GEOG 580 / HSERV 586 Medical Geography <p>Geography of disease, consideration in health systems planning. Analysis of distributions, diffusion models, migration studies. Application of distance, optimal location models to health systems planning; emergency medical services; distribution of health professionals; cultural variations in health behavior. Prerequisite: familiarity with social science research; health-related issues.</p>
<p>Comparative and Transregional History</p>
<ul style="list-style-type: none"> • HSTCMP 504 Comparative Ethnicity and Nationalism <p>Theoretical approaches to, and historical case studies of, the phenomena of ethnicity, nationalism, and ethnic conflict in the modern world. Emphasis on Europe and Asia.</p>

- HSTCMP 530 Comparative Colonialisms: Methodological and Conceptual Approaches

Introduces students to the historiography of modern European/American colonialisms, focusing on Africa, Asia, and/or the Americas. Addresses methodological and conceptual issues by examining relationship between capitalism and colonialism; violence and routinization of colonial power; colonial categories of race, ethnicity, class, and gender; and resistance movements and nationalist politics.

History of Modern Europe

- HSTEU 543 Empire and Nationalism in Russian History

Cultural diversity was a crucial factor in Imperial Russian history. How was the Russian empire held together, and what was the role of the "nationalities question" in its disintegration? How was cultural diversity articulated and manifested in politics? What were the Imperial approaches to different ethnic and religious groups? What were the definitions of Russianness? We shall explore these questions through examining the issues of identity, nationality policies, and ideologies. Particular attention will be given to the development of the nationalistic discourse in Imperial Russia.

Jackson School of International Studies

- JSIS 501 Seminar: Comparative International Studies

Focuses on comparison across geographical areas including comparative political economy, comparative cultures, and comparative institutions. Provides familiarity with the comparative method of inquiry, an understanding of the interplay between area studies and cross-regional theories, and skills in conducting comparative research and writing. Prerequisite: ECON 200; ECON 201.

- JSIS 511 Research Design and Methods for International Studies

This course is about how to do research and write a thesis in the social sciences.

- JSIS 539 U.S. Foreign Policy and Diplomatic Engagement

This course explores how the U.S. Executive Branch develops and implements foreign and security policy. Taught by a former Ambassador, the class examines the actual conduct of foreign affairs, from defining national interest to day-to-day foreign engagement.

- JSIS 542 Dimensions of Security

Examines the evolution of global security agendas in response to security challenges that are increasingly non-military and longer term in nature. Through a Middle East lens, students examine traditional security issues, and the emergence of non-conventional challenges and threats, such as environmental degradation and resource scarcity.

- JSIS 549 International Strategic Crisis Negotiation Exercise (ISCNE)

The International Strategic Crisis Negotiation Exercise (ISCNE) is a real-world simulation offered by the U.S. Army War College at some of the top graduate schools and public policy organizations in the nation.

- JSIS 553 Asian Financial Systems

This interdisciplinary seminar will look at how Asian financial systems and business systems worked in the past and work today, and how institutional arrangements such as industrial groups and industrial policies worked together with the financial systems in what might be called Asian variants of capitalism.

- JSIS 568 The Russian Federation in Eurasian and International Politics

Introduces the history of the Russian Federation's policy toward Europe, East Asia, South Asia, the Middle East, and the United States. Covers nuclear weapons, energy issues, and regional integration.

- JSIS 593 Water and Security in the Middle East

This course will take an interdisciplinary approach, beginning with an overview of the scientific and hydrological factors that are critical to understanding the subject. There will be a special emphasis on the hydrologic cycle and the impact of climate change on fresh water supplies in the region. By studying three major river basins in the Middle East, students will explore the historic, geographic, political, environmental and legal factors that lead to conflict or cooperation

- JSIS 578 Special Topics: Cross-Border Business Transactions Between China and the United States

Experts inside and outside China, as well as Chinese government officials themselves, are calling this new direction for China the "third stage of development" after the Mao era of strict socialism and central planning and the Deng period of Opening and Reform and "socialism with Chinese characteristics." This new phase, which aspires to full integration into the global economy and a shift to domestic consumption as the engine of economic growth, has been termed "China 3.0." What will China 3.0 mean to US companies and the lawyers, consultants and other professionals who advise them? Using a particular hypothetical case study investment as a framework, this seminar will address one small facet of that vast question.

- JSIS 578 Special Topics: Tools to End Conflict and Rebuild

The first half of this course will examine the current tools available to the international community to end armed conflicts – multilateral, formal, and informal. We will also seek to understand which tools work better and why. The focus will be on the ongoing conflicts in Afghanistan, Libya and Syria; conflicts in which the instructor has direct experience, El Salvador, Bosnia and post-Vietnam conflicts identified by the students for their assignments. The second half of the course will review the institutional tools most often used to rebuild conflict torn countries, and to examine which are most effective and why, in the short and long term

- JSIS 586 Southeast Asian Studies Graduate Seminar

This course is designed as an introduction and orientation to UW Southeast Asian studies for incoming graduate students. The course will focus on contemporary research, scholarship and writing about Southeast Asia and will feature weekly presentations and discussions with core UW Southeast Asian studies faculty as well as affiliate and visiting faculty from across disciplinary fields.

- JSIS 599 / LAW B 568 Field Seminar in Law, Rights, and Governance

The purpose of this seminar is to introduce students to a selection of key works across the social sciences and humanities in the Law, Rights, and Governance (LRG) field. This field exposes students to theoretical and policy debates about the causes and consequences of legal evolution, rule of law, rights, and a broad range of governance concerns in world affairs.

- JSIS A 535 International Relations of Modern China

This seminar is a graduate reading and writing course on the International Relations of Modern China, concentrating on the contemporary period.

- JSIS A 546 Reading Seminar on Middle East Studies

The readings are drawn from suggestions of NMES faculty members, who responded to the exclamation: "What!? You have a graduate degree in Middle East studies and you have not read...!"

- JSIS A 551 International Relations of Northeast Asia

Comprehensive survey of contemporary international relations of Northeast Asia with emphasis on Russia, Japan, China, and the United States. Multidisciplinary approach placing contemporary problems in historical context, drawing on modern social science theories. Connections between defense and economics are examined.

- JSIS A 593 Water and Security in the Middle East

As the amount of available fresh water in the world decreases in quality and quantity, development and protection of this critical resource becomes a matter of international security. In the Middle East, fresh water is likely to become more important than oil. This course will take an interdisciplinary approach, beginning with an overview of the scientific and hydrological factors that are critical to understanding the subject.

- JSIS B 534 / POL S 534 International Affairs

Provides a broad understanding of international issues and United States policy. Students explore US foreign policy and theories of major international actors in international trade, security, and strategic concerns, refugee policy, conflict resolution, development assistance, and the environment.

Political Science

- POL S 522 International Political Economy

Theories of international political economy. Focuses on the emergence and development of the modern world system, the transition from feudalism to capitalism, and the institution of the nation-state system. Examines the political economy of trade, investment, and the international division of labor from a variety of theoretical perspectives. Prerequisite: POL S 521.

<ul style="list-style-type: none"> • POL S 527 Special Topics in International Relations Research Specific Topic: NGO Politics Examination of current topics in the theory and practice of world politics.
<ul style="list-style-type: none"> • POL S 534 International Affairs Provides a broad understanding of international issues and United States policy. Students explore US foreign policy and theories of major international actors in international trade, security, and strategic concerns, refugee policy, conflict resolution, development assistance, and the environment.
<ul style="list-style-type: none"> • POL S 538 Government and Politics in the Middle East and North Africa Political change in the area within the context of comparative politics; breakdown of traditional political systems; new range of choice expressed in competing ideologies; governmental and non-governmental instrumentation of change; and problems of international relations and regional conflict and integration.
<ul style="list-style-type: none"> • POL S 543 Latin American Politics Theories of authoritarianism, corporatism, democratization, and revolution in Latin America. Explores role of international and domestic economic factors shaping politics and the affect of politics on economic development. Examines elite behavior and grassroots social movements.
<ul style="list-style-type: none"> • POL S 544 Problems in Comparative Government Selected problems in the comparative analysis of political institutions, organizations, and systems.
<ul style="list-style-type: none"> • POL S 549 Problems of Political Development Concepts of development and modernization, with particular attention to their political dimensions and their application to various historical and contemporary cases.
<ul style="list-style-type: none"> • POL S 584 Comparative Political Economy Overview of current developments in comparative political economy. Topics may include globalization, the welfare state, partisan models of economic policymaking, economic development, and trade.
<p>Sociology</p>
<ul style="list-style-type: none"> • SOC 513 / CSDE 513 Demography and Ecology Theories and research on human fertility, mortality, mobility, migration, and urbanization in social/economic context. Comparative and historical materials on Europe, the United States, and the Third World.

- SOC 535 Foundations of Population Health and Health Disparities

Provides an overview of the nature and social determinants of the health of human populations, investigates disparities in health within and between populations, and examines the ways in which population health may be improved by the translation of scientific knowledge into interventions and public policy.

- SOC 539 Selected Topics in Demography and Ecology

Specialized problems in demography or ecology are covered; for example, migration, fertility, mortality, language, race and ethnic relations, metropolitan community. See quarterly announcement for specific problem to be covered.

COLLEGE OF EDUCATION

College of Education

- EDLPS 544 Comparative Education: Introduction to Concepts and Methods

Introduction to research methods used in comparative education studies. Considers ways to study familiar and unfamiliar contexts, identifies the common pitfalls of international comparisons. Reviews ethnomethodological tools of interview construction, cross-cultural observation strategies, documentary analysis. Education policy and practice is primary focus; useful for comparing other public policy issues internationally.

COLLEGE OF ENGINEERING

Civil and Environmental Engineering

- CEE 530 Engineering Geology II

Application of engineering geology fundamentals to: location, design and maintenance of engineered structures; policy decisions related to potential geological hazards. Case histories, governmental policy discussions, interpretation of geological maps for engineering purposes. Prerequisite: graduate standing and CEE 437 or permission of instructor

- CEE 541 Biological Treatment Systems

Basic reactions, design principles, current design models, and operational considerations for biological treatment systems used in environmental engineering. Applications include activated sludge design and optimization, fixed film reactors, nitrification, nitrogen removal, phosphorus removal, anaerobic treatment, and toxic organics removal. Prerequisite: CEE 540 and CEE 482 or equivalent.

- CEE 544 Physical-Chemical Treatment Processes

Principles and design of major physical-chemical unit processes used in water, wastewater, and hazardous waste treatment. Processes include chemical and reactor kinetics, filtration, chemical coagulation, ion exchange, adsorption, and gas transfer. Development of

<p>mathematical models, laboratory demonstrations, and evaluation of current design practice. Prerequisite: CEE 485 or permission of instructor.</p>
<ul style="list-style-type: none"> • CEE 546 Topics in Ecological Effects of Wastewater <p>Application of ecological concepts for analysis and interpretation of bioenvironmental problems and data (eutrophication, acid rain, and toxicity). Students participate in presentation and discussion of current research. Prerequisite: CEE 462 or BIOL 473 or permission of instructor.</p>
<ul style="list-style-type: none"> • CEE 547 Lake and Watershed Management <p>Application of current techniques for lake and watershed analysis and modeling using fundamentals of limnology. Approaches to restoring eutrophic lakes, land use impacts on water quality. Practical exercises using data from real lake systems. Credit/no credit only. Prerequisite: CEE 462/FISH 434, BIOL 473, or permission of instructor.</p>
<ul style="list-style-type: none"> • CEE 555 Topics in Environmental Health <p>Introduction to human biology, including physiology, epidemiology, and toxicology. Study of contemporary environmental health problems and practices as they relate to radiological health, solid-waste disposal, occupational health, biometeorology, and bioengineering.</p>
<ul style="list-style-type: none"> • CEE 560 Risk Assessment for Environmental Health Hazards <p>Examines context, methodologies, data, uncertainties, and institutional arrangements for risk assessment. Qualitative and quantitative approaches to identification, characterization, and control of environmental hazards to health emphasized through didactic and case studies. Offered: jointly with ENV H 577/PUBPOL 589.</p>
<ul style="list-style-type: none"> • CEE 576 Water Resources Planning <p>Engineering, social, and economic factors involved in water resource development and management; water policies, programs, and administration; use relationships and conflicts; considerations for regional water resource systems.</p>
<ul style="list-style-type: none"> • CEE 577 Water-Quality Management <p>Application of biological, ecological, and chemical processes to modeling of water quality and use of such models in appropriate management of water resource systems. Includes units on the modeling of temperature, BOD, nutrient, phytoplankton, zooplankton, and other processes in lakes, streams, and estuaries. Recommended: CEE 476, CEE 485, CEE 462/FISH 434, and CEE 491.</p>
<ul style="list-style-type: none"> • CEE 578 Water Resource System Management and Operations <p>A readings course in recent literature related to the modeling and management of water resources. Topics include drought management, expansion of existing water supplies, hydropower production, streamflow forecasting, water demand forecasting, regional water planning, climate change, and other topical issues. Recommended: 557, 558.</p>

- CEE 587 Global Trade, Transportation and Logistics Management

Provides an overview of trade, transportation, and logistics activities. Develops an understanding of the physical and information flows in supply chains, and the economic drivers of supply chain choices. Includes methods to analyze and improve logistics and transportation systems, including applications of policy, technology, and infrastructure.

- CEE 591 Freight Transportation

Overview of the technical and institutional aspects of transporting freight. Topics include the different modes of moving freight, the technology of transferring freight between modes at ports and terminals, issues that impact freight movement such as congestion and government regulation, and the future of freight mobility. Also covers regional freight demand modeling techniques.

Computer Science and Engineering

- CSE 590 Technology and the Developing World

We will be focusing on papers presented at the ICTD and DEV annual conferences. ICTD is the world's premier conference examining the role of computers and communications in social, economic and political realms in developing countries around the world. The DEV conference is the Symposium on Computing for Development and provides an international forum for research in the design and implementation of ICTs for social and economic development.

- CSE 599 Special Topics in Computer Science

Specific Topic: Computing in the Third World

In this seminar course we will be looking at different aspects of computing in developing countries, previously referred to as the "third world". We will be taking an interdisciplinary approach looking at the limitations, possibilities and implications of this field from a variety of perspectives. From the technical side we will be looking at some of the more interesting technical problems in developing effective computing technologies and software applications for users in these countries. From a social and development perspective we will be looking at possible application areas, including education and e-government, policy issues such as government open source policy, and talking about development issues more broadly in the context of modern technology. This is a seminar-level course and no pre-requisites are required. Any undergraduates and graduates who are interested in contributing to the discussion are welcome to attend.

Mechanical Engineering

- M E 523 Energy and Environment Seminar

Student discussions of topics in combustion science and technology, alternative fuels, renewable energy, environmental consequences of energy conversion, and design for environment. Also, presentations by outside experts. May be repeated for credit. Credit/no credit only.

COLLEGE OF THE ENVIRONMENT

Marine Affairs
<ul style="list-style-type: none">• SMEA 507 / PUBPOL 538 International Organizations and Ocean Management <p>Survey of the manner in which international regimes and organizations attempt to manage and regulate the uses of the ocean. Primary emphasis is on the analysis of the effectiveness of regimes and of processes that support or constrain these organizations. Prerequisite: SMA 500 or permission of instructor.</p>
<ul style="list-style-type: none">• SMEA 508 National Marine Policy Processes <p>Comparative institutional dimensions of marine policy processes. Marine policy context at the national level and the dynamics that drive policy formulation and policy implementation.</p>
<ul style="list-style-type: none">• SMEA 509 Integrated Coastal Management <p>Managing multiple uses of coastal waters and the adjacent land; conflicts arising from competition for space and resources; organization, scientific, and economic problems associated with coastal management; planning and management experience in the United States and Southeast Asia. Prerequisite: SMEA 500 or permission of instructor</p>
<ul style="list-style-type: none">• SMEA 517 Marine Uses: Transportation and Commerce <p>Role of the oceans in the transportation of people and materials, character and trends in vessel design and terminal facilities, pattern and nature of industry organization, regulations, economics of the shipping industry, management of fleets and vessels, individuals at sea and ashore, national policies affecting the merchant marine and port facilities. Prerequisite: SMEA 500 or permission of instructor.</p>
<ul style="list-style-type: none">• SMEA 521 Governmental Responses to Global Climate Change <p>Exploration of major scientific, policy, and legal issues pertaining to problems of global climate change including regime design, use of climate models, impact on hydrology water resources, and forests.</p>
<ul style="list-style-type: none">• SMEA 540 International Strategic Planning for Marine Resources <p>Marine economies are affected by shrinking resources, population pressure, expanding economic globalization. Case studies from the third world and economies in transition illustrate strategic economic planning. Students research selected topics. Prerequisite: SMA 500 or permission of instructor.</p>
<ul style="list-style-type: none">• SMEA 550 Special Topics <p>Specific Topic: Socio-Ecological Research in Marine Conservation</p> <p>Applied socio-ecological research on the impacts of marine conservation efforts is critical to improving effectiveness. There is a growing niche for specialists who conduct such evaluative research. This reading seminar will explore this topic through readings from the peer reviewed and grey literature considering domestic and international programs.</p>

INFORMATION SCHOOL

Information School Interdisciplinary

- INFX 571: TASCHA Research Seminar

Technology & Social Change Group (TASCHA) research seminars at the Information School offer students an opportunity to gain practical research experience with one of our many projects investigating the design, use and impact of information and communication technologies in communities facing social and economic challenges. This section focuses on the Global Impact Study of Public Access to Information & Communication Technologies (ICTs), a five-year, \$7.2- million international research project sponsored by the Global Libraries initiative of the Bill & Melinda Gates Foundation and Canada's International Development Research Centre (IDRC). The goal of the study is to generate evidence about the scale, character, and impacts of public access to information and communication technologies. Looking at cybercafés, telecenters and libraries, the study investigates impact in a number of areas, including communication and leisure, culture and language, education, employment and income, governance, and health.

FOSTER SCHOOL OF BUSINESS ADMINISTRATION

Foster School of Business Administration

- B A 545 The Global Business Forum: Current Issues in Global Business

Discussion of current trends in the global business environment and of international issues facing companies. Leaders from international businesses and other organizations, as well as faculty members from various departments and specializations, invited to share their perspectives with seminar participants. Topics change each quarter.

Business Economics

- B ECON 526 Competing in the Global Economy

Examines the global environment for business and the challenges facing managers in this environment. Explores the implications of the common phrase "think globally - act locally."

- B ECON 527 International Finance

Study of selected problems in financing, international trade, investment, and foreign business operations; international aspects of money markets; problems of evaluation of foreign investments. Prerequisite: either B A 502 or both B ECON 501 and FIN 502.

International Business

- I BUS 530 International Business in Less Developed Countries

Understanding the economic, sociocultural, and political environment in the less developed countries. Problems of international trade and investment, north-south relations, commodities, technology transfer, foreign aid, and capital flows. Prerequisite: B A 500 or course in international economics or trade or international finance, or permission of graduate office.

- I BUS 545 Cases in Sustainability

Examines components of corporate sustainability- financial, social, and environmental - in cases and articles format. Tackles rigorous global cases using triple bottom line framework. All topics are augmented by executive experts. Students research and critique strategic and executional and intent actions of companies as they face twenty-first century challenges and shareholder demands.

- I BUS 560 Multinational Business Management

Managerial responses to problems of international business organizations and operations. Strategy formulation in an international context; design and control of multinational organization; adaptation of management systems and policies to different economic, sociocultural, and political environments. Prerequisite: B A 500 or course in international economics or trade or international finance, or permission of graduate office.

- I BUS 579

Specific Topic: Special Topics in International Business: International Trade Policy

This is a policy course focusing on US, EU, Japan and other countries, including developing and transition economies. -WTO cases are examined in depth.

- I BUS 579 Seminar: Special Topics in International Business

Specific Topic: Applied Global Consulting

Application of international business principles to the analysis of a specific issue in trade or resource transfer, or to the business conditions in a particular country. Japan and other Pacific Rim countries are frequent topics. Prerequisite: B A 500 or permission of instructor.

Operations Management

- OPMGT 550 Project Management

Management of complex projects, and tools and techniques (e.g., CPM and PERT) developed to aid the planning, scheduling, and control of projects. Includes work breakdown structures, precedence networks, Gantt charts, resource leveling and allocation, and the use of microcomputer programs. Prerequisite: B A 502 or OPMGT 502 or equivalent.

Entrepreneurship

- ENTRE 579 Special Topics in Entrepreneurship

Specific Topic: Business Models in Global Health and the Developing World

The class will begin by framing the agenda from the 2010 report on the Global Burden of Disease. We will then explore many of the models used to tackle the issues in global health, using public-private partnership, corporate, and entrepreneurial cases. The class will examine and debate the efficacy of efforts in combatting the big three: AIDS, malaria and TB, as well as look at the economics of eradication efforts in guinea worm and policy, study the funding architecture for global health, and look at issues around neglected diseases and pricing models for the developing world.

SCHOOL OF LAW

School of Law

- LAW A 545 International Environmental Law

Examination of the role of international law in addressing regional and global environmental problems such as acid rain, marine pollution, depletion of the ozone layer, global warming, and deforestation. Use of case studies to examine basic concepts, principles, and mechanisms of international environmental law. Focus on such questions as: Why do states agree to international environmental norms? What functions do these norms serve and what legal mechanisms facilitate their development and implementation? Why are some norms more effective than others? Law A574 The International Legal Process (or an equivalent course in public international law) and A527 Environmental Law: Pollution Control are recommended.

- LAW B 529 Advanced Environmental Law and Practice

- LAW B 578 Seminar on Legal Problems of Economic Development

- LAW B 579 Law and Development: History and Theories

Examines the role of law in fostering economic and social development in developing countries, emerging markets, and nations in transition. Provides a historical overview of the role of law in alleviating poverty and exposes students to key theoretical perspectives.

- LAW B 596 International Protection of Human Rights Seminar

Examines international treaty and customary law protecting fundamental human rights against abuse by governments. Major international systems studied are the U.N., the Council of Europe, and the O.A.S. Readings include inter-national and American judicial opinions, treaties, and studies by human rights groups and scholars.

- LAW E 526 Law Reform in Transition Economies Seminar

Using interdisciplinary perspectives and case studies, this seminar probes the assumptions, methods and outcomes of commercial law reform in transition economies. Also highlights and critiques the role of international lawyers in this important, emerging area of practice.

- LAW E 537 Refugee Law

Examines the processes in the United States for the admission of refugees and for the adjudication of asylum claims. Explores international refugee policy and evolving legal norms concerning asylum, temporary protection, repatriation, resettlement and internal displacement.

- LAW P 539 Law, Technology and Development

Provides an overview of selected principles and theories of development economics, and considers the implications of technological innovation, intellectual property rights, government regulation, trade policy and technical standards for the achievement of development objectives. Mass media coverage of current developments enrich class discussions.

SCHOOL OF NURSING

School of Nursing

- NURS 561 Selected Topics in Comparative Nursing Care Systems

In-depth examination of the literature pertinent to major theoretical issues in cross-cultural nursing and health-care systems. Seminar with analysis and discussion of selected topics and readings. Implications for research and health care stressed.

- NURS / ANTH 562 Clinically Applied Anthropology

Anthropology as it relates to interdisciplinary delivery of culturally relevant health care. Cultural variation in illness beliefs and behavior, types of healing practices, illness prevention, social support networks. Prerequisite: graduate standing, permission of instructor.

- NURS 579 Transcultural Nursing Practices

Seminars examine four decades of nursing practice literature and other disciplines related to appropriate and competent care of diverse and multicultural populations. Concepts and methods from anthropology and other behavior sciences are considered in relationship with current health practice guidelines. Graduate standing or instructor permission.

- NURS 581 Survey of International Health

International health based on the concept of health ecology. Assigned readings, discussions, and analyses include different perspectives, strategies, systems, and the wide range of conditions and forces that affect global and local health and illness. Emphasizes roles of health care providers. Credit/no credit only.

- NURS 582 / ANTH 574 / PHG 521 Culture, Society, and Genomics

Examines social and cultural issues of human genome sequencing and control of genetic expression. Attitudes and behaviors toward health, illness, and disability are studied using historical, contemporary, and cross-cultural case study material.

SCHOOL OF PUBLIC POLICY & GOVERNANCE

Evans School of Public Policy & Governance

- PUBPOL 534 Food and Agricultural Policy in Developing Countries

Provides an understanding of the role of agriculture in economic development. Examines frontier policy issues in developing countries related to food security and agricultural production. Emphasizes developing a nuanced understanding of contemporary food and agricultural policy issues, with a firm grounding in theory and history.

- PUBPOL 536 Diagnosing and Reforming Corrupt Systems

This course explores strategies for the prevention and mitigation of corruption across a range of contexts and takes an action-oriented approach, drawing lessons from corruption cases and focusing on what approaches might be undertaken under different circumstances.

- PUBPOL 537 Topics in International Affairs: Development Practice: Financial Inclusion and Poverty Reduction

The course aims at providing a solid analytical base for students to conduct and/or evaluate development interventions, especially those using financial services as intended poverty reduction tools.

- PUBPOL 538 / SMA 507 International Organizations & Ocean Management

Survey of the manner in which international regimes and organizations attempt to manage and regulate the uses of the ocean. Primary emphasis is on the analysis of the effectiveness of regimes and of processes that support or constrain these organizations.

- PUBPOL 539 Values in International Development

Examines and clarifies international development values, including underlying theories of justice on which they seem to be built, the ways in which they are justified to stakeholders, the general public, and impacts they have upon people, especially the poorest and most vulnerable.

- PUBPOL 541 The Role of NGOs in International Development

Explores issues faced by nongovernmental organizations (NGOs) working in developing and transition countries, including perspectives from international and indigenous NGOs and community-based organizations. Topics covered include relationships between NGOs and the state, the market, intended beneficiaries, and funder relationships.

- PUBPOL 550 Managing Nonprofit and Philanthropic Organizations

Provides an overview of topics relevant to nonprofit and social sector organizations, including theoretical foundations, legal forms, governance and leadership, cross-sector relationships, revenue streams and fundraising, and policy advocacy. *Note: This is a required course for the Nonprofit Management Certificate and Program Option, so students in those programs have priority registration.*

*IDCP students must focus their work on INTERNATIONAL nonprofits

- PUBPOL 555 Topics in Nonprofit Management: Social Enterprise: New Models for Mission-Based Business

This seminar course will offer students an understanding of the changing landscape for social investments and the tools to become an effective social entrepreneur or practitioner working in the social enterprise and mission-based business space.

- PUBPOL 589 / CEE 560 / ENVH 577 Risk Assessment for Environmental Health Hazards

Examines context, methodologies, data, uncertainties, and institutional arrangements for risk assessment. Qualitative and quantitative approaches to identification, characterization, and control of environmental hazards to health emphasized through didactic and case studies.

SCHOOL OF PUBLIC HEALTH

Environmental Health

- ENV H 545 Water, Wastewater and Health

Review of water supply water quality, and water/wastewater treatment as they related to human health. Includes water law and regulations, source water protection, basic treatment technologies for water and waste, chemical and microbial contaminants, and recreational water.

- ENV H 577 / CEE 560 / PUBPOL 589 Risk Assessment for Environmental Health Hazards

Examines context, methodologies, data, uncertainties, and institutional arrangements for risk assessment. Qualitative and quantitative approaches to identification, characterization, and control of environmental hazards to health emphasized through didactic and case studies.

- ENVH 590C

This course provides a graduate level overview of the multidisciplinary field of environmental and occupational health, with a focus on developing countries.

Epidemiology

- EPI 520 Epidemiology of Infectious Diseases

Infectious diseases from a public health perspective. Topics include analytic methods, study design, outbreak investigations, surveillance, vaccine evaluations, global eradication, screening, modeling, and infectious causes of chronic diseases. Homework and discussion based on current examples from the published literature. Prerequisite: EPI 511, EPI 512, or permission of instructor.

- EPI 521 Epidemiology of Maternal and Child Health Problems

Contributions to understanding and prevention of major maternal and child health problems, including pregnancy outcome, infant and child morbidity and mortality, maternal morbidity and mortality, abnormal child growth and development, and early-life factors in adult health problems. Prerequisite: graduate, medical, or dental school standing and EPI 511 or EPI 512 or permission of instructor. Offered: jointly with HSERV 542.

- EPI 529 / HSERV 536 Emerging Infections of International Public Health Importance

Focuses on the nexus between emerging infections and increasing globalization of the world due to the mobility of people and goods. Examines emergent events through risk factors and associated macro changes implicated in their genesis. Reviews microbial evolutionary strategies and factors of emergence. Prerequisite: graduate standing. Offered: jointly with HSERV 536.

- EPI 530 / MED 530/ GH 562 AIDS: A Multidisciplinary Approach

Comprehensive overview of the public health, clinical, and laboratory aspects of human immunodeficiency virus (HIV) infection and disease.. Topics include the pathogenesis, natural history, and management of HIV infections. The impact of HIV/AIDS on community and global health care and prospects for prevention and control. Offered: jointly with MED 530.

- EPI 532 Epidemiology of Infectious Diseases of Third-World Importance

A review of major infectious disease problems of the developing world, including AIDS, malaria, tuberculosis, measles, and diarrhea, with an emphasis on public health control strategies.

- EPI 539/ G H 531 Research and Evaluation Methods in Global Health

Provides an overview of a range of evaluation and research designs used in global health. Students learn practical methodologies to obtain, validate, and analyze information regarding health status, services, and programs. Discusses usefulness, validity, limitation of vital records, health reports, household (and cluster) surveys, and qualitative methods. Offered: jointly with G H 531.

- EPI 590 Selected Topics in Epidemiology or International Health

Tutorials are arranged for a small number of students for in-depth examination of an area of epidemiology or international health, usually of current nature. Seminar format. Prerequisite: EPI 511. Also a special summer format presenting introductory material. May be offered with ENV H 590 and/or HSERV 590. For more information and permission, consult the department program adviser.

Global Health
<ul style="list-style-type: none"> • G H 500 Advocacy, Theory, and Practice for Global Health <p>This quarter's presentations will bring Global Health MPH faculty, researchers from various UW departments, and visiting activists and scholars who will introduce their interdisciplinary, global perspectives and expertise on various topics related to <i>Advocacy: Theory and Practice in Global Health</i>.</p>
<ul style="list-style-type: none"> • G H 501 Introduction to Global Health <p>Addresses a variety of foundational topics and central themes in global health, including the history and scope of the field, the complexities and contexts for global health problems, and the multidisciplinary nature of global health work. Credit/no-credit only.</p>
<ul style="list-style-type: none"> • G H 502 Contemporary Issues in Global Health
<ul style="list-style-type: none"> • G H 514 Global Societal Determinants of Health <p>Examines societal determinants of health of nations around the globe. Asks why there is an increasing inequity in health outcomes today? Topics include early life, population health biology, medical care, mental health, and the environment.</p>
<ul style="list-style-type: none"> • G H 531 / EPI 539 Research and Evaluation Methods in Global Health (3-4) <p>Provides an overview of a range of evaluation and research designs used in global health. Students learn practical methodologies to obtain, validate, and analyze information regarding health status, services, and programs. Discusses usefulness, validity, limitation of vital records, health reports, household (and cluster) surveys, and qualitative methods. Offered: jointly with EPI 539.</p>
<ul style="list-style-type: none"> • G H 539 Methods, Tools and Data in Global Health <p>Familiarizes students with current global health issues and their analytical challenges. Introduces analytical methodologies, quantitative concepts, statistical packages applied to global health challenges, and software used in health metrics and evaluations research. (Two weeks).</p>
<ul style="list-style-type: none"> • G H 541 Fundamentals of Implementation Science in Global Health <p>Provides an introduction to the emerging field of implementation research by outlining various methods that are applied to improving implementation (including applied engineering, management tools, health systems, and policy research), and using experiential case studies from global health leaders. Addresses barriers to effective replication and scale-up in local settings.</p>
<ul style="list-style-type: none"> • G H / HSERV 544 Maternal and Child Health in Developing Countries <p>Emphasizes critical health problems of women and children in developing countries in social, economic, and cultural contexts. Practical approaches to developing MCH programs shared via lecture/discussions, exercises, and small group work. Students acquire skills in baseline assessment, setting objectives, planning and evaluating interventions, and involving communities.</p>

<ul style="list-style-type: none"> • G H 555 Nutrition in Developing Countries <p>Introduces issues of nutrition in developing countries, with an emphasis on the control and prevention of under nutrition and micronutrient deficiencies. Offered: jointly with NUTR 555.</p>
<ul style="list-style-type: none"> • G H 556 Global Mental Health <p>The course will examine the socio-cultural and political forces that impact the assessment, manifestation, and treatment of mental illnesses globally. Students will take a critical view of diagnostic systems and examine the scientific research suggesting culturally specific, systematic differences in presentation of mental illnesses worldwide.</p>
<ul style="list-style-type: none"> • G H 590 Selected topics in Global Health <p>Specific Topic 1: Global Perspectives on Reproductive Health</p> <p>The Global Perspectives on Reproductive Health course will engage students from diverse disciplines, including public health, demography, epidemiology, policy, sociology, and medicine, in topics on global reproductive health. The course will focus on family planning and population policy, including the following topics: male and female contraception, abortion policies, human rights, HIV/STIs, access to services, and cost-effectiveness of contraception. This landscape course is designed to give students an overview of global reproductive health, and encourage interdisciplinary learning through active participation in lectures and discussions. It will emphasize current issues, challenges, and strategies to improve reproductive health, with a focus on resource-limited settings. The course is designed for a broad range of students from all schools and departments who have an interest in global reproductive health.</p>
<ul style="list-style-type: none"> • G H 590 Selected topics in Global Health <p>Specific Topic 2: Global Health Leadership Policy Management Seminar</p> <p>In this class, we will explore the complex array of factors that affect global health policy by studying contemporary health policy issues that affect developing countries. We will examine how context (e.g., ideology, culture, and history) influence the structure of and changes to a nation's health system and its ability to improve the health of its citizenry. And we will examine how international institutions – both formal and informal – affect the provision, financing, structure, and success of health and health services.</p>
<ul style="list-style-type: none"> • G H 590 Selected topics in Global Health <p>Specific Topic 3: Implementation Science in Health</p> <p>The past several decades have witnessed remarkable advances in medical science and the discovery of new medicines, vaccines, and diagnostic tools that have the capacity to lead to large improvements in global health. However, the translation of research findings into practice has been slow and uneven. As a result, many of the solutions to health problems are not applied, leading to a widening gap between what is known and what is done in practice (what the World Health Organization refers to as the “know-do gap”). Implementation science has the potential to reduce this gap by applying systematic research and evaluation approaches to identify and address the barriers to effective replication and scale-up of evidence-based interventions in local settings. This course provides an introduction to the emerging field of implementation science by outlining various methods that are applied to improving implementation</p>

(including applied engineering, management tools, health systems and policy research), and using experiential case studies from global health leaders.

- G H 590 Selected topics in Global Health
Specific Topic 4: Institute for Health Metrics and Evaluation (IHME) Seminar

The Institute for Health Metrics and Evaluation (IHME) Seminar features senior researchers who present current work on pertinent global health issues. Seminars are intended to highlight research being done by the broader global health community, and provide an opportunity for students to engage in a dialogue about the methods, results, and implications of the research. In addition, this seminar series exposes students to the broad array of issues in completing research projects as well as the magnitude of work involved in producing salient results. Students are expected to attend all seminar sessions and actively participate in discussions. When possible, students will meet with seminar presenter after the seminar to further discuss the implications of their research and ask more detailed questions on the analytical methods and study design.

- G H 590/H 506AB Selected topics in Global Health
Specific Topic 5: International Bioethics, Social Justice and Health Seminar

The overarching goal of the seminar series is to bring together law, graduate and research fellows (non-matriculated graduate students) to discuss a series of problem-based case studies and provide an opportunity for multidirectional, multidisciplinary learning and problem-solving. In addition to the case study problem-solving sessions, there will be periodic guest lectures by nationally recognized experts in specialized fields related to international bioethics and social justice during the course of the year.

- G H 590 Selected topics in Global Health
Specific Topic 6: Managing Global Health Programs for Success

Through the exploration of projects featured as case studies, students will follow a project framework by working through the project phases of design, implementation, and evaluation, and covering the following cross-cutting areas of emphasis within each phase:
*Partnering, *Donor Relations, *Work Planning, *Budgeting, *M&E, *Teaming/Staffing

Health Services

- HSERV 515 / GH 515 War and Health
Explores the health consequences of war (injury, infectious diseases, mental health, chronic disease, malnutrition, infrastructure) and the role of health professionals and others in preventing war (advocacy, measurement and application of epidemiological methods, addressing structural violence).

- HSERV 536 / EPI 529 Emerging Infections of International Public Health Importance

Focuses on the nexus between emerging infections and increasing globalization of the world due to the mobility of people and goods. Examines emergent events through risk factors and associated macro changes implicated in their genesis. Reviews microbial evolutionary strategies and factors of emergence. Prerequisite: graduate standing.

- HSERV /G H 544 Maternal and Child Health in Developing Countries

Emphasizes critical health problems of women and children in developing countries in social, economic, and cultural contexts. Practical approaches to developing MCH programs shared via lecture/discussions, exercises, and small group work. Students acquire skills in baseline assessment, setting objectives, planning and evaluating interventions, and involving communities.

- HSERV 585 Seminar in Medical Geography

Intensive research seminar dealing with new and promising research themes in medical geography and public health.

- HSERV 586 / GEOG 580 Medical Geography

Concepts and methods for developing and using patient-reported outcomes in health and medicine. Emphasis on patient self-reported health status and quality of life. Qualitative research and psychometric methods applied to health outcomes assessment and all applications. Prerequisite: permission of instructor. Offered: jointly with PHARM 535.

Pathobiology

- PABIO 550 Diseases of Public Health Importance and Strategies for their Control

Public Health perspective of major disease of national and global importance. Discussion of origins, establishment, progression, and pathogenesis of diseases. Importance of immunological, intercellular and external factors, and strategies of disease prevention. Requires a grounding in cellular and molecular biology, microbiology, and immunology. Prerequisite: permission of instructor.

SCHOOL OF SOCIAL WORK

School of Social Work

- SOC W 513 Practice IV: Community Change Practice

Provides frame of reference and skills for community-based social work practice. Theories of social change are examined with examples drawn from community organizing and policy advocacy.

- SOC W 537: Empowerment Practice with Refugees

Empowerment practice with refugees and immigrants across a transnational continuum of forced migration, including flight, internal displacement, asylum seeking, repatriation, and resettlement. Instruction includes classroom activities, workshops with local service providers, and agency-based projects. Addresses implications for strengths-based social services, policy, and practice skills.

- SOC W 538 Critical Empowerment Practice with Multi-ethnic Communities

Principles of empowering practice, critical analyses of models of multiculturalism and paradigms of knowledge and practice proven problematic in our increasingly diverse society. Assists students in developing empowering practice values, knowledge, and skills for work in multi-ethnic communities.

- SOC W 555: Global Perspectives in Social Work and Development

This course presents a HBSE approach to global perspectives on social work and development, and their implications for contemporary social work practice in an era of globalization. Utilizing a variety of sources, we will examine selected global social issues and theories of human behavior illustrating case examples primarily in developing countries. Students will be encouraged to investigate ways in which transactions across the lifespan relate to structural issues within micro, mezzo, and macro systems.

- SOC W 598 Integrative Seminar

Specific Topic 1: Health, Human Rights and Social Transformation in the Greater Horn of Africa

This course is an interdisciplinary approach to understanding the complexities inherent in efforts to simultaneously improve health and human rights in the context of the unique economic, social, political and cultural transformations (and upheavals) occurring in the Greater Horn of Africa. It will examine the multiplicity of social, economic, cultural, legal, and political factors which affect the health and well-being of individuals and societies, and interrogate working models of approaches to favorably alter them.

- SOC W 598 Integrative Seminar

Specific Topic 2: Policy Practice

Focuses on involvement in the federal legislative process and roles for non-profit/NGO advocates.

- SOC 598 Integrative Seminar

Specific Topic 3: Health, Human Rights and Social Transformation in the Greater Horn of Africa

This course is an interdisciplinary approach to understanding the complexities inherent in efforts to simultaneously improve health and human rights in the context of the unique economic, social, political and cultural transformations (and upheavals) occurring in the Greater Horn of Africa. It will examine the multiplicity of social, economic, cultural, legal, and political factors which affect the health and well-being of individuals and societies, and interrogate working models of approaches to favorably alter them