



# Global Health Center

---

INSTITUTE FOR PUBLIC HEALTH AT WASHINGTON UNIVERSITY

## **GLOBAL HEALTH CURRICULUM GUIDE**

***2015***

## Introduction

The Global Health Curriculum Guide provides a listing of the current global health courses offered at Washington University in St. Louis. This guide is a resource for students who are interested in the field of global health. Students should work with their faculty advisors to select the appropriate course. The guide will be updated on an annual basis.

The courses have been identified using multiple sources, including a systematic review of the university's online course catalog, information from school and departmental websites, and course instructors. A list of the sources can be found in the appendix.

Please note that the emphasis an individual course places on global health may vary. Since course content is subject to change, students are encouraged to contact the appropriate department for additional information.

## Guide Organization

The guide is organized into two sections. The first section is the Global Health Courses section. This contains courses that directly address global health issues and require skills in the field of global health.

The second section is the Global Health Related Courses section. This contains courses that do not directly address global health issues but provides skill sets that are useful in the field of Global Health.

Each section is split into different areas of global health. The list of topics available can be found in the table of contents below.

Please note that this guide does not provide a list of requirements for a degree in global health. Contact your department for information on degree requirements.

For more information, please contact the **Global Health Center at [jvanrheenen@dom.wustl.edu](mailto:jvanrheenen@dom.wustl.edu)**

## Table of Contents

<b>GLOBAL HEALTH COURSES.....</b>	<b>5</b>
Overview of Global Health.....	5
Cultural Competence in Global Health .....	5
Global Health and Infectious Diseases.....	6
Global Maternal and Child Health .....	6
Global Environmental Health.....	7
Global Health Systems Design and Development.....	8
Global Health Research Methods .....	9
Politics in Global Health .....	9
Global Human Rights/Human Rights Law .....	10
Global Health and Entrepreneurship .....	11
Management in Global Health.....	11
Marketing and Communications in Global Health.....	13
Global Health and Nutrition.....	14
Global Health and the Built Environment.....	15
Global Health and Medicine .....	15
Innovations in Global Health.....	17
<b>GLOBAL HEALTH RELATED COURSES .....</b>	<b>18</b>
Introduction to Public Health.....	18
Cultural Competence .....	18
Infectious Disease Control and Prevention.....	20
Maternal and Child Health.....	21
Environmental Health .....	22
Research Methods .....	23
Epidemiology.....	23
Statistical Methods .....	24
Health Policy and Politics .....	27
Human Rights/Human Rights Law .....	29
Health Economics.....	29
Social Entrepreneurship.....	30
Health Management .....	31
Healthcare Marketing and Communications.....	32

## Table of Contents Continued

Health and Nutrition .....	33
Mental Health .....	34
<b>APPENDIX.....</b>	<b>35</b>

## GLOBAL HEALTH COURSES

### Overview of Global Health

Course#	Title	School	Department	Frequency	Semester offered
<b>L48 Anthro 3201</b>	Introduction to Global Health	Arts and Sciences	Anthropology	Annually	Fall
<b>Description:</b> This course provides a general introduction to the multidisciplinary field of global health. We look at the roles that cultural anthropology, clinical medicine, and public health play in efforts to understand and ameliorate health problems around the world and in diverse settings. We explore the global burden and distribution of disease and mortality, the underlying determinants of health disparities and inequalities, the international development and role of policies and institutions, and the complex impacts and outcomes of medical and public health interventions. This course introduces students to important social theories in global health, delves into close-up case studies, and stresses the importance of how society and culture influence health and illness. This course is equivalent to L48 3283: Introduction to Public Health. Course may not be taken twice for credit.					
<b>S55 MPH 5102</b>	Global Health	Social Work and Public Health	Public Health	Unknown	Spring
<b>Description:</b> This course provides an overview of issues in international health, with a particular emphasis on those affecting health in low-income countries. It will cover the infectious diseases of malaria, tuberculosis, HIV/AIDS, acute respiratory infections, diarrheal diseases, and neglected tropical diseases (e.g. helminth infection). Chronic diseases and risk factors will also be addressed. An overview of the biology, epidemiology, and intervention evidence base will be covered, drawing from the Disease Control Priorities Project.					
<b>U69 Anthro 3281</b>	Introduction to Global Health	University College	Anthropology	Annually	Spring
<b>Description:</b> This course provides a general introduction to the field of public health. It examines the philosophy, history, organization, functions, activities, and results of public health research and practice. Case studies include infectious and chronic diseases, mental health, maternal and reproductive health, food safety and nutrition, environmental health, and global public health. Students are encouraged to look at health issues from a systemic and population level perspective, and to think critically about health systems and problems, especially health disparities and health care delivery to diverse populations. No background in anthropology or public health is required.					
<b>U26 Bio 463</b>	Global Health Issues	University College	Anthropology	Unknown	Fall
<b>Description:</b> This course is designed to inform and challenge participants to observe and solve problems relating to world health issues while teaching basic biology concepts. Participants will investigate barriers to solving problems of Nutrition, Infectious disease and Environmental factors that prevent progress of global communities. They will also research new technologies being developed that could potentially provide solutions as well as create an ideal lesson using global health issues the focus. Open to Post-Bacc Students. This is a fully online course. Only University College students can receive credit for fully online courses. Instructor will email registered students with instructions.					
<b>L48 Anthro 3874</b>	International Public Health	Arts and Sciences	Anthropology	Unpredictable	Spring
<b>Description:</b> This course explores current topics in international public health using a case-study-based approach, emphasizing public health issues affecting low-and middle-income countries; introduction to the tools and methods of international public health research and programs; in-depth examination and critique of the roles of local and national governments, international agencies, and third-party donors in international public health work; and the contributions of anthropology to the international public health agenda.					

### Cultural Competence in Global Health

Course#	Title	School	Department	Frequency	Semester offered
<b>U68 Anthro 333</b>	Culture and Health	University College	Anthropology	Unknown	Fall, Summer, Spring
<b>Description:</b> This course will explore culture and health, with a focus on global health. Assigned readings explore cross-cultural perspectives on health, healing, and the body, as well as important concepts in medical anthropology. Through class discussions and close examination of ethnographies of health and illness, students will develop an understanding of how cultural and political-economic forces articulate with the emerging field of global health. The course meets 2 hours a week with additional weekly online activities.					

### Global Health and Infectious Diseases

Course#	Title	School	Department	Frequency	Semester Offered
<b>L90 AFAS 4134</b>	The AIDS epidemic: Inequalities, Ethnography and Ethics	Arts and Sciences	African and African American Studies	Every 1 or 2 years	Fall
<p><b>Description:</b> In the year 2000, HIV became the world's leading infectious cause of adult death, and in the next ten years, AIDS will kill more people than all wars of the twentieth century combined. As the global epidemic rages on, our greatest enemy in combating HIV/AIDS is not knowledge or resources, but global inequalities and the conceptual frameworks with which we understand health, human interaction, and sexuality. This course emphasizes the ethnographic approach for cultural analysis of responses to HIV/AIDS. Students will explore the relationship between local communities and wider historical and economic processes, and theoretical approaches to disease, the body, ethnicity/race, gender, sexuality, risk, addiction, power, and culture. Other topics covered include the cultural construction of AIDS and risk, government responses to HIV/AIDS, origin and transmission debates, ethics and responsibilities, drug testing and marketing, the making of the AIDS industry and "risk" categories, prevention and education strategies, interaction between bio-medicine and alternative healing systems, and medical advances and hopes.</p>					
<b>I51 GLOBAL 210</b>	Bugs, Drugs, and Global Society	Interdisciplinary Programs	Global Studies	Unpredictable	Spring
<p><b>Description:</b> Taking an historical perspective, this course will investigate major global health issues and study how bacteria, protists, fungi, viruses, and prions have contributed to major epidemics or pandemics. We will discuss the basic biology of these organisms and address the ecological, social, and political implications of these infectious diseases. The course is useful for students interested in medicine, epidemiology, social work, or health policy, as well as others interested in health issues specific to particular geographical regions of the world. No prerequisites.</p>					
<b>M25 605A 01</b>	Infectious Diseases	Medicine	Internal Medicine	2 <sup>nd</sup> yr of Medical School	Spring
<p><b>Description:</b> This course is open to medical students only</p>					
<b>151 GLOBAL 1640</b>	Health and Disease in World History	Interdisciplinary Programs	Global Studies	Every 1 or 2 Years	Fall
<p><b>Description:</b> Health and disease are universal human experiences, yet vary profoundly across time and place. Extending from ancient times to the present, this course surveys that variety from a global perspective. We will explore medical traditions from around the world, then examine how these responded to major epidemic diseases such as the plague, smallpox, and cholera. We will study the globalization of disease and the emergence of scientific medicine after 1450, then turn to the interrelated histories of health and disease in the modern era. Throughout, we will attend carefully to how the biological aspects of health and disease have shaped world history, while at the same time exploring the powerful mediating role of social, cultural, economic, and political factors--from religious beliefs and dietary practices to inequality, poverty, empire, and war--in determining the myriad ways in which health and disease have been experienced and understood. Introductory course to the major and minor. DISCUSSION SECTION IS REQUIRED.</p>					

### Global Maternal and Child Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 3621</b>	Anthropology of Human Birth	Arts and Sciences	Anthropology	Unpredictable	Fall
<p><b>Description:</b> This course will examine the interaction between human biology and culture in relation to childbirth. Emphasis will be placed on understanding the cultural challenges posed by the physiology of human reproduction, the ways various cultures have attempted to meet those challenges, and the resultant consequences that this has had for women's lives. The course will draw on material from human anatomy and embryology, paleoanthropology, clinical obstetrics, public health, social anthropology, the history of medicine, and contemporary bioethics.</p>					

### Global Maternal and Child Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
L48 Anthro 365	Human Growth and Development	Arts and Sciences	Anthropology	Annually	Fall
<p><b>Description:</b> This course focuses on the life-history of humans from birth to death. Through a series of lectures we will consider how humans grow and change both biologically and psychologically over the course of our lives. Topics will include: human growth curves, sex-differences, adolescence and puberty, nutrition, environment, growth disorders, death, and the evolution of human growth.</p>					
L48 Anthro 4022	Transnational Reproductive Health Issues: Meanings, Technologies, Practices	Arts and Sciences	Anthropology	Unpredictable	Fall
<p><b>Description:</b> This course covers recent scholarship on gender and reproductive health, including such issues as reproduction and the disciplinary power of the state, contested reproductive relations within families and communities, and the implications of global flows of biotechnology, population, and information for reproductive strategies at the local level. We will also explore how transnational migration and globalization have shaped reproductive health, the diverse meanings associated with reproductive processes, and decisions concerning reproduction. Reproduction will serve as a focus to illuminate the cultural politics of gender, power, and sexuality.</p>					

### Global Environmental Health

Course#	Title	School	Department	Frequency	Semester Offered
L19 EPSc 140	Freshmen Seminar: Geology and Human Health	Arts and Sciences	Earth and Planetary Sciences	Unknown	Fall
<p><b>Description:</b> This course explores the connections between human health and geological processes. Key concepts in geology are introduced as well as the pathways through which natural systems affect human health. A series of case studies will be presented, each describing a specific health hazard and its geological origin. The first set of studies will focus on human health effects associated with windborne exposure to harmful materials, including volcanic emissions, asbestos, dust and aerosols, and the products of coal combustion. The course will then use the topic of mercury, which is emitted into to atmosphere and then accumulates in aquatic systems, to transition to water and soil borne pathways of exposure. This will be followed by case studies exploring water availability and quality, arsenic in groundwater, with a special emphasis on widespread arsenic poisoning in South and Southeast Asia, lead in mining areas and urban soils, and radon and radioactive materials. Students will conduct team risk assessment projects as well as an individual project.</p>					
L82 EnSt 110	Environmental Issues	Arts and Sciences	Environmental Studies	Unknown	Fall
<p><b>Description:</b> This course examines the science behind current environmental issues, with emphasis on Earth Science. Students will gain an understanding about the consequences of the way that humans currently interact with the natural environment and potential solutions that would allow long-term sustainability of the Earth. Topics will include: Human population growth, ecosystem structure and diversity, types and origin of pollution, global climate change, energy resources and use, challenges to feeding the world, the importance of soil, and the interaction between the environment and human health</p>					
S55 MPH 5005	Foundations of Public Health: Environmental Health	Social Work and Public Health	Public Health	Annually	Spring, Fall
<p><b>Details:</b> This course presents a broad survey of the major environmental health issues facing contemporary society in first and third world countries. The course provides an overview of the interaction of the physical, psychological, and social environments of individuals in which they work and live. The course presents ecological concerns along with factors related to personal and community health.</p>					

### Global Environmental Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
U29 Bio 364	Introduction to Global Sustainability	University College	Biology	Unknown	Spring
<p><b>Description:</b> Global Sustainability explores our relationship with planet earth. Taking an ecological systems perspective, this course provides students with the knowledge and understanding of the scientific, cultural, social, political, economic, and technological conditions that affect the quality of life on our planet. Due to the cross-disciplinary nature of these conditions and issues, the course will touch on many different subject areas, including ecology, conservation biology, economics, and political science. The overarching theme of environmental sustainability will be interwoven throughout the course. Topics covered include an overview of the global commons, ecosystem integrity and health, the human footprint, biodiversity and human health, the pollution and degradation of the global commons, ecological economics, the international system and environmental politics, resource management, and sustainable development. Hybrid online. The course meets on the following Wednesdays: 1/27, 2/4, 3/4, 4/1, 4/29.</p>					

### Global Health Systems Design and Development

Course#	Title	School	Department	Frequency	Semester Offered
S60 SWCD 5056	Development Practice in International Settings	Social work and Public Health	Community Development	Unknown	Fall
<p><b>Description:</b> This course is by pre-registration only. You must complete the application on Inside Brown between April 1-7, 2015. Building on topics covered in International Social Development and SED Policy courses, this course focuses on international development practice. Students will gain a deep understanding of contemporary approaches in the</p>					
U19 SUST 344	Global Development and Sustainability	University College	Sustainability	Unknown	Fall, Summer
<p><b>Description:</b> This course examines principles and practices of global development and sustainability in four key areas: economic, including foreign aid, economic interventions, and the rise of multinational corporations; cultural, including globalization, indigenous cultures, and the development of the new localism; political, including systems and models of local, national, and regional politics; and technological, including agricultural and communications technologies. We will apply models and methods to contemporary global challenges and specific cases in first, second, and third world cultures that involve business, government, nonprofit organizations, and NGOs.</p>					
L11 Econ 474	The Poverty of Nations	Arts and Sciences	Economics	Every 1 or 2 Years	Fall, Spring
<p><b>Description:</b> This is a course that focuses on the failures of economic development and the extreme and persistent poverty we find in South Asia, Sub-Saharan Africa and other parts of the developing world, including major urban centers. What exactly is poverty? Who are the poor? How many of them are there? Why are they poor? What individual or collective actions can they (or we) take to improve their lot? Prerequisites: Econ 4011 and 4021 or permission of instructor.</p>					
U85 IA 519	International Growth and Development	University College	International Affairs	Annually	Fall
<p><b>Description:</b> Few subjects in international relations attract as much attention as growth and development. Why do some nations develop while others languish? What accounts for the disparities in the distribution of wealth and opportunity in the world? This is far more than an economic puzzle. This seminar explores the interaction of politics, history, culture, society, the environment and economics as we try to understand what governments and societies do to promote or hinder growth and development.</p>					
U85 IA 5451	Global Poverty	University College	International Affairs	Unknown	Spring
<p><b>Description:</b> This course examines the contributions of economists and political scientists to analyzing the nature of poverty, to evaluating strategies for reducing or eliminating poverty, and to considering the effects of globalization on the poor. We also focus on ethical matters; namely, our moral obligation to the poor-- both those in foreign lands and those who are fellow citizens</p>					

## Global Health Research Methods

Course #	Title	School	Department	Frequency	Semester Offered
<b>S55 MPH 4003</b>	Global Burden of Disease: Methods and Applications	Social Work and Public Health	Public Health	Every 1 or 2 years	Fall
<p><b>Description:</b> This 3 credit transdisciplinary course provides an overview of quantitative and qualitative methods used in the field of global health, as well as their applications for studying the global burden of diseases. Topics covered include infectious diseases, non-communicable chronic medical illness and behavioral disorders. At the end of this course, students will have learned basic methods used in global health research and major trends in the global burden of diseases. Students will be able to apply the knowledge of measurements to forecast the future of the global burden of specific diseases and to develop needed policy recommendations. Students will also be able to address prevention and intervention strategies targeted to specific nations or regions, while drawing on perspectives and approaches from a range of disciplines. Students will learn sociocultural and economic factors that affect global and regional distributions of major disease categories and how they are linked to issues of global trade and political economy. The transdisciplinary knowledge and hands-on skills learned from this course will assist students with an interest in international research and the acquisition of practical skills will benefit their pursuit of health professions. This includes cultural competency training as it applies to medicine and public health. This course is open to postgraduate scholars and fellows and graduate and advanced undergraduate students.</p>					
<b>M19 PHS 565</b>	Methods for Studying Global Burden of Diseases	Medicine	Population Health Sciences	Unknown	Spring
<p><b>Description:</b> This short course provides an overview of the current methods for studying global burden of medical and psychiatric diseases. The first two sessions will provide students with a foundation for understanding and applying the current methodology used in studying global burden of diseases. The subsequent three sessions will apply this knowledge to the communicative and non-communicative diseases. We pay an attention to the burden of psychiatric and addiction diseases in addition to physical diseases. At the end of this course, students will have learned major trends in global burden of diseases and able to apply the knowledge of measurements to forecast the future of global burden of specific diseases of interest to develop policies, as well as prevention and intervention strategies targeted to specific nations or regions. This knowledge will assist students with interest in international research to select a disease phenotype with a significant burden on the population of the target nation or region. Note: An elective course for MPHS; and a recommended course for the Psychiatric and Behavioral Health Sciences Concentration students.</p>					

## Politics in Global Health

Course #	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 4883</b>	The Political Economy of Health	Arts and Sciences	Anthropology	Every 2-3 years	Fall
<p><b>Description:</b> This course reviews social science contributions to understanding health as a function of political and economies influences. Considers the ways in which personal health is affected by macro-social processes. Examines effects of globalization, international development and political instability on the health of individuals. Examples drawn from the U.S. and international contexts. Prerequisite: Junior standing or above.</p>					
<b>S55 MPH 5004</b>	Foundations of Public Health: Health Administration and Policy	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This course provides an overview of the structure and functions of the U.S. Health Care System, the relationship between the health care delivery system and public health, and an overview of the health care policy process in the United States. The existing and evolving financing, organizational structures, and delivery systems are described along with alternatives that have been discussed and developed domestically and internationally. The course also introduces key concepts in health care management. Finally, the course provides students with the tools necessary to evaluate and analyze health policy and health care systems in the U.S. MSW pre-req: S15-5040.</p>					

### Politics in Global Health contd.

Course #	Title	School	Department	Frequency	Semester Offered
<b>S55 MPH 5107</b>	Power and Politics in Global Health	Social Work and Public Health	Public Health	Unknown	Fall
<b>Description:</b> The course will introduce students to the role of power and politics in global health and provide them with analytical tools to critically examine this field. It will review key debates, issues, concepts, theories and case studies linked to current major health and development issues, highlighting their relationship to health. It is based on a multidisciplinary approach to analysis of these issues.					
<b>U85 IA 5321</b>	Africa and International Development Aid Policy	University College	International Affairs	Unknown	Fall
<b>Description:</b> This course will examine the role that international actors play in the process of domestic development policy. With a focus on the nations of Africa, we will explore the history and evolution of key international entities, including financial institutions such as the World Bank and International Monetary Fund, non-governmental organizations such as OxFam, and multi-national organizations such as the United Nations. We will consider competing theories and strategies on what constitutes the best development policy practices. A selection of case studies will help us assess the effectiveness of policy tools to promote or hinder development in poor countries. Readings will include works by Jeffrey Sachs, Paul Collier, Amartya Sen, and William Easterley.					
<b>L32 Pol Sci 103B</b>	International Politics	Arts and Sciences	Political Science	Annually	Summer
<b>Description:</b> Globalization, the accelerating rate of interaction between people of different countries, creates a qualitative shift in the relationship between nation-states and national economies. Conflict and war is one form of international interaction. Movement of capital, goods, services, production, information, disease, environmental degradation, and people across national boundaries are other forms of international interactions. This course introduces the study of global political-economic relations. We focus upon building a toolkit that will help us understand the micro-foundations of the globalization of material and social relations.					

### Global Human Rights/Human Rights Law

Course#	Title	School	Department	Frequency	Semester Offered
<b>U43 IS 366</b>	Global Human Rights	University College	International Studies	Unpredictable	Spring
<b>Description:</b> The past century has shown some of the worst atrocities against humanity on an international scale, as well as some of the strongest mobilizations to protect and champion the rights of everyday people. This course offers a critical look at the trends and debates concerning global human rights. We will focus on: 1) the lived experience of human rights, especially for groups that are marginalized according to gender, race, class, sexuality and nation; 2) the social conditions under which human rights violations are committed, and human rights policies are drafted; 3) counter-movements to protect human rights. Topics include food and starvation, genetic testing and access to drugs, sweatshops and corporate responsibility, sex trafficking and the 100 million "missing women," homophobic violence and hate crimes, racial apartheid and ethnic genocide, Occupy movements, the Arab Spring, and the World Social Forum. Course materials will reflect a wide range of sources, from theoretical essays, to state declarations, to academic research, to onsite reports from non-profit organizations.					
<b>M04 586H</b>	Health and Human Rights	Medicine	Electives - WUSM	1st yr Medical School	Unknown
<b>Description:</b> This course is open to medical students only					

## Global Health and Entrepreneurship

Course#	Title	School	Department	Frequency	Semester Offered
<b>B53 MGT 308</b>	Introduction to International Business	Business	Management	Unknown	Fall
<p><b>Description:</b> Focus on the aspects of management of a business enterprise that are necessary to compete in the global marketplace. The course begins with a survey of the environmental context in which international companies operate (economic systems and cultural factors). This is followed by a review of International Trade Theory and Economics. This forms a basis for concentration in the second half of the course on strategies and structure for global operations. The course deals with the situations in Europe, Japan, Latin America and China through case studies and discussion of current topics and their relation to the fundamental aspects of global business management. Prerequisites: junior standing or permission of instructor.</p>					
<b>U44 Bus 410</b>	Social Entrepreneurship	University College	Business	Unknown	Fall
<p><b>Description:</b> This online course links the passion of a social mission with the discipline and skills of successful business performance to explore the issues, concepts, and processes associated with social entrepreneurship. Students learn to design an economically sustainable business model that also addresses an existing social problem. In learning to apply skills and strategies that produce a successful bottom line, both financially and socially, each student develops a business plan for a social entrepreneurial venture or evaluates the business model of an existing social entrepreneurial business venture. This course is fully online. Only University College students receive credit for fully <b>online</b> courses.</p>					
<b>S50 MPH 5060</b>	Social Entrepreneurship	Public Health and Social Work	Management	Unknown	Spring
<p><b>Description:</b> This course is by pre-registration only. You must complete the application on Inside Brown October 29, 2014 - November 4, 2014. The course is designed for students who are interested in understanding the field of social entrepreneurship. It studies the entrepreneurial concepts and practices that are integral to successful innovation. This course emphasizes the social and policy context of venture development and the unique role of evaluation in this growing field. Even if a student is not interested in starting a venture of his or her own, understanding the entrepreneurial process will enhance productivity for other programs and organizations. All students are encouraged to enroll.</p>					
<b>M63 MGT 555</b>	Global Management Studies	Business	Management	Unknown	Spring
<p><b>Description:</b> Encourages MBA students to improve their understanding of business management outside of the USA by allowing them to plan, organize and lead a course that includes field study in foreign nations of their choice. Offered in the spring term of each year, this course is planned, organized and led by a team of students under the direct supervision of an Olin faculty member recruited by the student team. Both a faculty adviser and the GMS policy committee must approve each course proposal. Open to MBA degree candidates only.</p>					
<b>B54 MEC 494</b>	Business and the Environment	Business	Managerial Economics	Annually	Fall
<p><b>Description:</b> The course will examine the relationship between environmental economics and environmental policy. The course will focus on air pollution, water pollution, and hazardous wastes, with some attention given to biodiversity and global climate change. The course will examine critically two prescriptions that economics usually endorses: (1) "balancing" of benefits against costs (e.g., benefit-cost analysis) and the use of risk analysis in evaluating policy alternatives; (2) use of market incentives (e.g., prices, taxes, or charges) or "property rights" instead of traditional command-and-control regulations to implement environmental policy. Prerequisite: Econ 1011.</p>					

## Management in Global Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>U76 NPM 507</b>	Management in Non-profit Organizations	University College	Non Profit Management	Unknown	Fall
<p><b>Description:</b> Effective mission-driven leadership is central to the success of a nonprofit organization. This core course provides an overview of fundamental principles of management, governance, and leadership in nonprofit organizations. Particular attention is given to issues of motivation, supervision, and evaluation of professional staff and volunteers, and working with the board of directors.</p>					

### Management in Global Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>U44 Bus 330</b>	International Management: Leadership Across Cultures	University College	Business	Unknown	Summer
<b>Description:</b> This course examines international business organizations and their managerial practices, with attention given to cultural differences, including leadership style, decision-making, negotiating, risk-taking, and training. Students also explore how cultural differences influence perceptions of corporate social responsibility, and the difference between ethical and corrupt managerial practices. Required for the Business Certificate and recommended for the Liberal Arts and Business (LAB) Certificate.					
<b>B63 MGT 553</b>	Global Management Studies	Business	Management	Unknown	Spring
<b>Description:</b> Encourages MBA students to improve their understanding of business management outside of the USA by allowing them to plan, organize and lead a course that includes field study in foreign nations of their choice. Offered in the spring term of each year, this course is planned, organized and led by a team of students under the direct supervision of an Olin faculty member recruited by the student team. Both a faculty adviser and the GMS policy committee must approve each course proposal. Open to MBA degree candidates only.					
<b>S55 MPH 5142</b>	Program and Project Management	Social Work and Public Health	Public Health	Twice each year	Spring
<b>Description:</b> This course focuses on key program and project management competencies and principles that are critical to executing successful projects. Students will learn about planning, scheduling, organizing, and controlling projects and will apply these concepts using case studies and small group projects. This course fulfills one credit in Leadership/Management.					
<b>S55 MPH 5145</b>	Budget Management	Social Work and Public Health	Public Health	Twice each year	Spring
<b>Description:</b> This course will provide skills in budgeting, budget management and reporting, using commonly available software. It will include both line item and program budgeting models, and the basics of grant reporting. This course fulfills one credit in Leadership/Management.					
<b>S55 MPH 5240</b>	Program Planning, Implementation and Evaluating Evidence-Based Programs and Interventions	Social Work and Public Health	Public Health	Unknown	Spring
<b>Description:</b> This course focuses on program evaluation, outcomes research, cost effectiveness research, methods for executing and evaluating health education intervention plans, quantitative and qualitative methods and their application to public health practice. Pre-requisite: S55-5000 Research Methods.					
<b>B53 MGT 322</b>	Health Care Management	Business	Management	Unknown	Spring
<b>Description:</b> The goal of the course is to develop facility in applying basic tenets of general management to actual situations and dilemmas that might be faced by health care managers, consultants, financiers, investors, innovators, or providers in the course of their work. Issues addressed will include but not be limited to financial issues, management challenges, and conduct of operations. The first phase will cover the basic background on the structure and financing of the healthcare industry to include very brief reviews of critical topics like insurance and government-provided healthcare. A few basic frameworks will then be developed for students to apply to course topics moving forward, such as cost/benefit analysis and evaluation of risk. The remainder of the course will involve critical analyses of healthcare cases involving varied subjects and management challenges. Sessions will emphasize student led discussions.					
<b>U44 Bus 259</b>	Principles of Management	University College	Business	Unknown	Spring
<b>Description:</b> This course combines a strong foundation in management principles with six core managerial competencies critical for success: self-management, strategic action, planning and administration, global awareness, teamwork, and communication. We will study a number of well-known organizations to illustrate these managerial competencies. We also will explore how proactive managers respond to opportunities and challenges of global management and diversity, team-based management, service management, ethical issues, and contemporary trends in business. The course also offers self-assessment tools to help students understand and develop their own management potential for career success. This course is fully online. Only University College students receive credit for fully online courses.					

### Management in Global Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>U80 CRM 532</b>	Principles of Management in Health Care	University College	Clinical Research Management	Unknown	Spring
<p><b>Description:</b> This course enables students to explore the theoretical framework and practical application of classic management principles so that they can function effectively in a variety of organizational settings in the provision of health care services. Topics include the management process; managerial decision making and planning; negotiation skills; organization design; and leadership.</p>					
<b>M88 AHBR 582</b>	Evaluation of Health Services Programs	Medicine	Applied Health Behavior Research	Unknown	Fall
<p><b>Description:</b> Practical and scientific application of evaluation theory to health service programs. Includes evaluation design, interpretation, and utilization of findings. Prerequisite: see head note.</p>					
<b>L97 IAS 316</b>	Issues in Global Leadership	Arts and Sciences	International and Area Studies	Unknown	Summer
<p><b>Description:</b> In this course students will develop leadership skills and strategies through critical analysis of global issues and the historical and social forces that influence them. Topics may include energy and environment, nuclear proliferation, aging, global public health, and food and water resources. The course will be divided into weekly themes, featuring guest lectures and discussions with leaders in business, education, and government, in addition to complementary field trips and team projects. This course is open only to participants in the McDonnell Academy International Leadership Institute (MAILI). For more information visit <a href="http://pages.wustl.edu/maili">pages.wustl.edu/maili</a> or call (314) 935-4807.</p>					
<b>S55 MPH 5370</b>	TPS Course in Haiti: Public Health Interventions in Developing Countries	Social Work and Public Health	Public Health	Unknown	Summer
<p><b>Description:</b> The goal of this course is to advance student understanding of the theory and practice of transdisciplinary public health problem-solving in developing countries. Students spend time in St. Louis preparing for the field experience through lectures, readings, and travel briefings followed by a two-week intensive experiential learning period in Haiti. Students will travel to Cap Haitien in the north of Haiti where they will learn about and work with a variety of UN and governmental agencies and NGOs implementing public health programs. The course culminates in small group projects around specific interest areas of public health (nutrition, infectious disease, reproductive health, etc.). Finally, a post-course seminar with group presentations is given at the Brown School in Fall 2014. Students are expected to have completed all or nearly all of their foundations-level courses prior to the start of the TPS Course. Students interested in this TPS Course are encouraged to take the Global Health course during the Spring semester. Contact Teresa Sarai <a href="mailto:tsarai@wustl.edu">tsarai@wustl.edu</a> for application procedures. Application Deadline applies.</p>					

### Marketing and Communications in Global Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>B55 MKT 477</b>	International Marketing	Business	Marketing	Unknown	Fall
<p><b>Description:</b> Addresses three fundamental decisions confronting a company whose operations extend beyond the domestic market: (1) choosing which foreign markets to penetrate; (2) determining the mode of market entry; and (3) devising the international marketing plan. Topics include global marketing planning; environmental and cultural influences on international marketing decisions; organizational and control issues in international marketing decisions; global marketing intelligence; foreign risk and feasibility studies; and issues of ethics in other countries. Prerequisite: MKT 370.</p>					

### Marketing and Communications in Global Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>U86 HCARE 349</b>	Health Care Communications and Marketing Strategy	University College	Health Care	Unknown	Spring
<p><b>Description:</b> This course provides an integrated approach to organizational strategy, brand development and marketing communications programs within health care organizations. We will explore the fundamental steps required to shape an organization's strategic plan: environmental scan, SWOT assessment, consumer assessment, operating assessment and the development of strategic goals and objectives. Building on this foundation, we will learn to shape an organizational brand to articulate what we stand for, what we strive for, how we express our brand, and how we structure our brand.</p>					
<b>M88 AHBR 536</b>	Health education: Methods, Planning, and Evaluation	Medicine	Applied Health Behavior Research	Unknown	Spring
<p><b>Description:</b> Basic concepts of learning theory and curriculum development; the teaching/learning process, teaching methods, community resources, and appropriate evaluation strategies.</p>					

### Global Health and Nutrition

Course#	Title	School	Department	Frequency	Semester Offered
<b>U28 Bio 204</b>	Nutrition	University College	Biology	Unknown	Summer, Spring
<p><b>Description:</b> This course examines nutrition as an interdisciplinary science, including the chemistry, function, and metabolism of nutrients; regulations of food intake; food habits; digestion and absorption of nutrients; methods of determining nutrient content of foods and nutrient requirements for humans and animals; comparative nutrition; problems of human malnutrition; relation of nutrition to disease; toxic materials in foodstuffs; economic, nutritional, and social problems involved in feeding the world population and future possibilities for meeting nutritional needs of the world's population. This is a basic course in nutrition, not designed for prospective health care professionals.</p>					
<b>U29 Bio 482</b>	Food and Water: Global Nutrition and Ecosystem Health	University College	Biology	Unknown	Summer
<p><b>Description:</b> This course focuses on the intersection between the advances in scientific research on nutrition and water purification systems and the persistence of malnutrition and water-borne disease across the globe. Topics in the course connect the nutrient cycling of ecosystems, i.e., what constitutes a healthy diet for non-human organisms, and the health of humans. Supporting topics include a comparative study of the nutritional value of the diets of people across the globe; an analysis of human practices and how they affect the sustainability of a healthy ecosystem; a survey of the health of freshwater systems across the globe; and the effect of genetic research on nutritional value of food, locally and internationally. Students will be expected to review a number of case studies framing the state of global nutrition and health and analyze each for factors that inhibit and afford solutions to the problems. Students will conduct and present an analysis of an emerging problem confronting the health of humans and their ecosystem in a local, national, or international community.</p>					
<b>S55 MPH 5321</b>	Transdisciplinary Problem Solving: Global Hunger and Undernutrition	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This course is by pre-registration only. You must complete the application on Inside Brown October 29, 2014 - November 4, 2014. This course applies the transdisciplinary problem solving approach to understanding and addressing the dual problems of hunger and undernutrition globally. Agriculture, health, economics, anthropology, and other fields of discipline will be drawn upon to characterize the problem and develop the solution. Throughout the semester, students will work in one of three groups that focus on research, programming, or policy to move through the TPS process of: defining the problem; developing a conceptual framework; describing the context; identifying intervention strategies and setting priorities; integrating a communications plan; and ultimately implementing and evaluating the solution strategy.</p>					

### Global Health and Nutrition contd.

Course#	Title	School	Department	Frequency	Semester Offered
L48 Anthro 3151	Evolution of the Human Diet	Arts and Sciences	Anthropology	Unpredictable	Spring
<p><b>Description:</b> Many researchers and health enthusiasts believe that the abandonment of our "Paleolithic" diet and lifestyle with the onset of agriculture some 10,000 years ago has led to a rapid decline in health and perpetuated countless "diseases of civilization". While diet fads come and go it seems this new enthusiasm for "Paleo diets" is here to stay. But what is a "Paleo diet" anyway? Through a comparative evolutionary and anthropological approach we will examine the diets of extinct hominins, our extant primate relatives, ethnohistoric and contemporary foraging peoples, and even our own dietary habits. We will strive to answer key questions about diets in prehistory and their implications for living people today: How do we know what our ancestors ate? How have dietary hypotheses been used to explain processes in human evolution? When and how did the gendered division of labor come about in human dietary evolution? How bad is agriculture for global health? What role did certain foods play in shaping our modern physiology? Are we maladapted to our contemporary diets? What does it mean to eat "Paleo"? A mix of discussion and lecture will encourage students to develop their own interests in human evolutionary nutrition which will be presented as a short presentation and final paper.</p>					

### Global Health and the Built Environment

Course#	Title	School	Department	Frequency	Semester Offered
S55 MPH 5335	Transdisciplinary Problem Solving: From the Inside-Out: Public Health and the Built Environment	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This course is by pre-registration only. You must complete the application on Inside Brown. The built environment has contributed to and advanced public health and safety since the era of 2200 BCE when Hammurabi, the founder of the Babylonian Empire, proclaimed the 'Code of Hammurabi.' This code called for construction of 'firm houses' that would not collapse on their owners and for the imposition of severe penalties on constructors whose buildings collapsed. The same basis of care and prudent practice is in force today in building design, construction, environmental engineering, and community and urban design in order to protect public health and safety and the natural environment. This Transdisciplinary Problem Solving course will discuss issues in the US and within a global context of housing, healthy communities, sustainable design, environmental quality, and occupational health and safety. Students will prepare a health impact assessment (HIA) for a selected building or community development site. Pre-requisite or co-requisite for MPH Program Students: S55-5005 or permission of instructor.</p>					

### Global Health and Medicine

Course#	Title	School	Department	Frequency	Semester Offered
L48 Anthro 141	Freshmen Seminar: Medicine and Society	Arts and Sciences	Anthropology	Annually	Fall
<p><b>Description:</b> This course provides the basic foundation in medical anthropology and cultural anthropology for students enrolled in the Medicine and Society Program. The purpose of the course is to introduce students to the central themes and theoretical approaches employed by medical anthropologists to study health and illness in cross-cultural perspective. Topical areas include analyses of disease, illness and sickness at micro and macro levels; impact of personal and interpersonal factors on health; health effects of social, political, and economic factors; relationship of anthropology to biological and social science approaches; ecology of health and development; and cross-cultural health studies of language, gender, and race/ethnicity. Note: Content for this course overlaps with and replaces Anth 160 for students enrolled in the Medicine and Society Program. Open only to students enrolled in the Medicine and Society Program.</p>					

## Global Health and Medicine Contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 3310</b>	Health, Healing and Ethics: Introduction to Medical Anthropology	Arts and Sciences	Anthropology	Every 1 or 2 years	Fall
<b>Description:</b> A cross-cultural exploration of cultures and social organizations of medical systems, the global exportation of biomedicine, and ethical dilemmas associated with medical technologies and global disparities in health.					
<b>L41 Biol 5412</b>	Tropical and Molecular Parasitology	Arts and Sciences	Biological and Biomedical Sciences		Fall
<b>Description:</b> Graduate level seminar course focusing on current scientific literature in molecular parasitology. The journal club will meet biweekly during the Fall and Spring semesters. Students will attend both semesters in order to receive one credit. The seminar series will run jointly with a research conference in Tropical and Molecular Parasitology. Outside speakers will be invited for the seminar series to emphasize important developments in tropical medicine and molecular parasitology. In advance of the invited speakers, topics will focus on their previous research publications. Prerequisites, BIO 5392 Molecular Microbiology & Pathogenesis					
<b>M88 ABHR 535</b>	Health disparities: Applications in Clinical Settings	Medicine	Applied Behavior Health Research	Unknown	Fall
<b>Description:</b> This course explores how membership in a diverse/special group can impact health and health care, including health care services and policies governing these services. Students are encouraged to give critical thought to the question of what it means to deliver culturally competent care. The goal of this course is to understand what it means to create environments that help to make individuals and communities healthy.					
<b>L48 Anthro 260</b>	Topics in Health and Community at Fudan	Arts and Sciences	Anthropology	Unknown	Spring
<b>Description:</b> This course is a survey of current topics in community health and medicine, with an emphasis upon social science approaches to issues affecting medicine and medical care in contemporary China. Issues include ethical debates in health care delivery, social stratification and health, access to health services, and factors affecting community wellness at local, national, and global levels. The course is presented as a weekly series of topical presentations by community health experts from the Shanghai area. OPEN ONLY TO STUDENTS ENROLLED IN THE FUDAN PROGRAM IN SHANGHAI.					
<b>M04 587L 01</b>	International Health	Medicine	Elective Program-WUMS	1 <sup>st</sup> Year of Medical School	Spring
<b>Description:</b> This course is open to medical students only					
<b>M04 533</b>	Tropical Medicine	Medicine	Elective Program - WUMS	1 <sup>st</sup> Yr of Medical School	Unknown
<b>Description:</b> This course is open to medical students only					
<b>M04 5863</b>	Underserved Areas: Urban, Rural and Abroad	Medicine	Elective Program - WUMS	1 <sup>st</sup> yr of Medical School	Unknown
<b>Description:</b> This course is open to medical students only					

## Innovations in Global Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>E33 EECE 380A</b>	Sustainable Technologies for the Global Community	Engineering and Applied Science	Energy, Environmental & Chemical Engineering	Unknown	Spring
<p><b>Description:</b> This course will provide the engineering tools needed to solve problems in the developing world and within the global community. Emphasis will be on learning and applying technology that are appropriate for varying communities and the challenges that must be overcome when implementing improvements. Coursework will consist of lectures, case studies of intermediate and sustainable improvements throughout the world and hands-on learning.</p>					
<b>E62 BME 413</b>	Engineering for the First-and-Third-World Health	Engineering and Applied Science	Biomedical Engineering	Unknown	Spring
<p><b>Description:</b> Biomedical engineering, as a discipline, aspires to improve the human condition through the alleviation of suffering in disease, through diagnosis, treatment, and prevention, and through the promotion of health. Although BME can address several problems at several levels, one distinction arises in practice, and a second in undergraduate life. The real-world problems and solutions arise in the developed and developing world; these domains share several similarities, but also feature real differences that call upon differential engineering approaches. This course will examine the engineering principles and practice that best apply to emergent solutions and unmet challenges in 1st-world and 3rd-world health. The collegiate experience often isolates the majority of undergraduate courses as "foundational" or "core" rather than applicable to very current, challenging, multidimensional problems. Our department, our school and university, and our societies value the contribution of engineers in solving these problems. Indeed, students very often achieve meaningful impact in real-world problems, but experienced most directly through extracurricular, not curricular, experience. This course will provide the framework for students to build substantive ties between their curricular base and extracurricular problems and solutions. Co-reqs: Junior or senior standing; E62 301A and/or 301B. Prereq: Candidate students will need to have had previous engagement outside of class (through extracurricular, volunteering, employment, etc.) with a particular problem in 1st- or 3rd-world medicine or health, most broadly construed. At registration students will submit a short paragraph identifying the problem and how the student has engaged the problem outside the traditional classroom. This problem will serve as the theme for the student's independent engineering analysis in the course. Identification of the problem, through submission of the paragraph, will move students from the waitlist to course registration (up to the seat limit).</p>					
<b>E60 Engr 4501</b>	Engineering Ethics and Sustainability	Engineering and Applied Science	General Engineering	Unknown	Spring
<p><b>Description:</b> This course introduces tools and skills required to understand, evaluate, and resolve ethical problems in engineering practice. By studying both historic and hypothetical engineering cases, as well as theory, the student will more fully appreciate a professional's responsibilities in applying emerging technologies to modern challenges. Special attention will be given to sustainability in response to global social issues. Students will have opportunities to demonstrate mature decision making skills and to appreciate the importance of lifelong learning about both professional practice and ethical issues.</p>					

## GLOBAL HEALTH RELATED COURSES

### Introduction to Public Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>M19 PHS 500</b>	Current Topics in Public health	Medicine	Population Health Sciences	Unknown	Fall
<p><b>Description:</b> Students will review public health research, interventions and problems making headlines in print and television media. Discussion of how the problem is presented and evaluated will take place and students will discuss alternate approaches. Course activities: brief presentations, short written assignments, class participation. Course note: Required for medical students. Optional but encouraged for others.</p>					
<b>S55 MPH 5010</b>	Cross Cutting Themes in Public Health	Social Work and Public Health	Public Health	Annually	Fall
<p><b>Description:</b> The purpose of this course is to introduce public health students to the crucial and timely cross-cutting themes in public health. The course will cover a range of topics, including: the role of transdisciplinary science and collaboration in the development, implementation and translation of science to the population at large; evidence-based approaches to decision making in contemporary public health practice; methods for dissemination and implementation of public health to policy and practice; the importance of health disparities to the study of public health, and the role of ethics in the profession of public health.</p>					

### Cultural Competence

Course #	Title	School	Department	Frequency	Semester Offered
<b>L90 AFAS 178</b>	Imagining and Creating Africa: Youth, Culture and Change	Arts and Sciences	African and African American Studies	Unknown	Fall
<p><b>Description:</b> The goal of this course is to provide a glimpse into how youth reshape African society. Whether in North Africa with the Arab Spring, in West Africa with university strikes, or in East Africa through a linguistic full bloom, youth have been shaping social responses to societies for a long period. In this course, we will study social structures, including churches, NGOs, developmental agencies as well as learn about examples of Muslim youth movements, and the global civil society. The course will also explore how youth impact cultural movements in Africa and how they influence the world. In particular, we will examine Hip-Hop movements, sports, and global youth culture developments that center on fashion, dress, dance, and new technologies. By the end of the course, students will have enriched ideas about youth in Africa and ways to provide more realistic comparisons to their counterparts in the United States.</p>					
<b>L90 AFAS 409</b>	Gender, Sexuality and Change in Africa	Arts and Sciences	African and African American Studies	Every 2-3 years	Fall
<p><b>Description:</b> This course considers histories and social constructions of gender and sexuality in sub-Saharan Africa during the colonial and contemporary periods. We will examine gender and sexuality both as sets of identities and practices and as part of wider questions of work, domesticity, social control, resistance, and meaning. Course materials include ethnographic and historical materials and African novels and films. PREREQUISITE: Graduate students or undergraduates with previous AFAS or upper level anthropology course.</p>					

### Cultural Competence Contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 3055</b>	Contemporary Chinese Culture and Society	Arts and Sciences	Anthropology	Unknown	Fall
<p><b>Description:</b> This course provides an introduction to emerging trends in Chinese culture and society. We will explore processes of change and continuity in the People's Republic, examining the complexity of social issues and the dynamics of cultural unity and diversity. While we will focus on the post-Mao reform era (1978 to the present), we will consider how contemporary developments draw upon the legacies of the Maoist revolution as well as the pre-socialist past. The course provides an overview of anthropological approaches to the study of contemporary China, introducing students to key concepts, theories, and frameworks integral to the analysis of Chinese culture and society. Readings, lectures, and discussions will highlight not only macro-level processes of social change and continuity but also the everyday experiences of individuals involved in these processes. We will pay particular attention to issues of family life, institutional culture, migration, religion, ethnicity, gender, consumption, and globalization.</p>					
<b>L48 Anthro 3092</b>	Indigenous Peoples and Movements in Latin America	Arts and Sciences	Anthropology	Every 2-3 years	Fall
<p><b>Description:</b> An overview of Amerindian peoples, cultures, and contemporary socio-political movements in core indigenous regions of Latin America (the Maya highlands of Mexico and Guatemala, and the Andes, Chaco, and Amazon of South America). Expressions of indigenous cultural, linguistic, and social difference are considered in relation to histories of European colonialism and modern Latin American nation-building. Emphasis is placed on current dimensions of indigenous demands for territorial, political, and cultural rights in the context of global economic development, natural resource exploitation, military violence, and legal recognition of ethnic pluralism in some Latin American nation-states.</p>					
<b>L48 Anthro 4091</b>	Sexuality, Gender, and Change in Africa	Arts and Sciences	Anthropology	Every 2-3 years	Fall
<p><b>Description:</b> This course considers histories and social constructions of gender and sexuality in sub-Saharan Africa during the colonial and contemporary periods. We will examine gender and sexuality both as sets of identities and practices and as part of wider questions of work, domesticity, social control, resistance, and meaning. Course materials include ethnographic and historical materials and African novels and films. <b>PREREQUISITE:</b> Graduate students or undergraduates with previous AFAS or upper level anthropology course.</p>					
<b>L03 East Asia 226 c</b>	Japanese Civilization	Arts and Sciences	East Asian Studies	Annually	Fall
<p><b>Description:</b> The development of Japanese culture from antiquity to the present: an overview of Japanese cultural history, focusing on the interplay of crucial aspects of contemporary Japanese society and Japanese social psychology.</p>					
<b>I51 GLOBAL 300</b>	Children of Immigrants: Identity and Acculturation	Interdisciplinary Programs	Global Studies	Unknown	Fall
<p><b>Description:</b> This seminar examines two sub-groups: child immigrants and the native-born children of immigrants. It interrogates cultural/ethnic identity, cultural adaptation, bilingualism and biculturalism, and challenges and achievements of this young generation through ethnography, literature, and sociological accounts. We aim to scrutinize the studies of the "1.5" generation and the second generation, and theories such as "segmented assimilation," across a wide range of ethnic groups, from people of East Asian origins to those with Latin American ancestries, by mainly focusing on their experiences in the United States.</p>					
<b>L90 AFAS 3113</b>	Culture, Politics, and Society in Francophone Africa	Arts and Sciences	African and African American Studies	Unknown	Spring
<p><b>Description:</b> France and Africa have a long historical relationship, dating back to the early Euro-Mediterranean empires, the first explorers, long-distance traders, Christian missionaries, colonialists, and today's French West and North African communities. In this course, we delve into this long process of interaction between France and its colonies of Africa. During the first half of the semester, we explore these historical relationships and examine the scientific constructs of race in the 19th and early 20th century. We touch on themes that defined the colonial encounter, including the development of the Four Communes in Senegal, the Negritude movement, and French Islamic policies in Africa. The curriculum for this course includes articles, films, and monographs, to explore these themes and includes writers and social activists living in France and the African diaspora. The second half of the course examines Francophone Africa after independence. Here the course explores the political and cultural (inter) dependence between France and its Francophone African partners. In addition, we examine the challenges of many African states to respond to their citizen's needs, as well as France's changing immigration policies in the 1980s, followed by the devaluation of the West and Central African Franc (CFA).</p>					

### Cultural Competence Contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 3206</b>	Global Gender Issues	Arts and Sciences	Anthropology	Every 1 or 2 years	Spring
<p><b>Description:</b> This course compares the life experiences of women and men in societies throughout the world. We discuss the evidence regarding the universal subordination of women, and examine explanations that propose to situate women's and men's personality attributes, roles and responsibilities in the biological or cultural domains. In general, through readings, films and lectures, the class will provide a cross-cultural perspective on ideas regarding gender and how gendered meanings, practices, performances serve as structuring principles in society.</p>					
<b>L48 Anthro 361</b>	Culture and the Environment	Arts and Sciences	Anthropology	Annually	Fall
<p><b>Description:</b> An introduction to the ecology of human culture, especially how "traditional" cultural ecosystems are organized and how they change with population density. Topics include foragers, extensive and intensive farming, industrial agriculture, the ecology of conflict, and problems in sustainability.</p>					
<b>L84 Lw St 120</b>	Social Problems and Social Issues	Arts and Sciences	Legal Studies	Every 1 or 2 Years	Fall
<p><b>Description:</b> Through a sociological lens, this course examines the causes and consequences of pressing social problems in the United States, including increasing poverty and inequality, "modern" racism and sexism, the crisis in health care, crime, incarceration and criminal justice, changing patterns of drug abuse, fragile family structures, globalization and assaults on human rights, and environmental degradation. We examine empirical underpinnings of the intersection of minority statuses related to race, social class, gender, ethnicity, and sexuality that heighten risk for social problems and how these risks play out in America's diverse, multicultural society. Capitalizing on rich sources of multidisciplinary data and a variety of methodological approaches we focus on the disconnect between the need for macro level intersectional responses but social policy focused on changing individual behavior to address social problems. Through an original research project students will understand how paradigms from sociology can offer guidelines for intervention strategies. Briefings from agencies dealing directly with these problems will share perspectives on continuities and gaps between theoretical and applied work related to interventions. This course will be especially relevant for those interested in graduate work and career goals in health care, social service, law, public policy, and non-profit and NGO management. Content will be useful for MCAT, LSAT, and GRE preparation. 10 seats are reserved for Freshmen. American Culture Studies (AMCS) is a multidisciplinary program that provides both a broader context for study in different fields and a deeper understanding of American culture in all of its complexities Attendance mandatory during the first week of classes.</p>					

### Infectious Disease Control and Prevention

Course#	Title	School	Department	Frequency	Semester Offered
<b>S55 MPH 5125</b>	Introduction to Local Public Health Practice: Communicable Disease Control and Emergency Preparedness	Social Work and Public Health	Public Health	Unpredictable	Fall
<p><b>Description:</b> Personnel from the St. Louis County Department of Health, Communicable Disease Control Division will provide real world "boots on the ground" expertise and perspective on timely, local issues in public health. Students will gain valuable insight into topics ranging from respiratory disease and pandemic influenza, to emergency preparedness, to animal and vector control as well as a comprehensive understanding of the political, economic and social realities of functional public health. In addition, Department of Health personnel will be available to students as a resource for on-going learning. Pre-requisite: S55-5002.</p>					

## Maternal and Child Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>L12 Educ 512</b>	Child Development	Arts and Sciences	Education	Unknown	Fall
<p><b>Description:</b> This course serves as an introduction to developmental theory and research methods by highlighting the various processes (including biological and socio-cultural forces) that influence human psychological change. Emphasis is given to normative social-emotional and cognitive development in childhood, using current empirical studies as the basis for student exploration, discussion, and debate.</p>					
<b>L77 WGSS 100B</b>	Introduction to Women, Gender and Sexuality Studies	Arts and Sciences	Women Gender and Sexuality Studies	Every semester	Fall
<p><b>Description:</b> This course will provide an introduction examination of major topics and concepts in the interdisciplinary field of women, gender and sexuality. We will examine the meanings attached to terms such as "man," "woman," "gay," and "sex." Topics discussed may include the history of feminist movements, masculinity, biological frameworks for understanding gender, intimate violence, sexual identities, and intersectionality. Five seats are reserved for Freshmen, Sophomores, Juniors and Seniors in each section. One section is reserved for freshman and sophomore students only. ATTENDANCE MANDATORY FIRST DAY IN ORDER TO RESERVE YOUR CLASS ENROLLMENT.</p>					
<b>L77 WGSS 343</b>	Understanding the evidence: Provocative Topics of Contemporary Women's Health and Reproduction	Arts and Sciences	Women, Gender and Sexuality Studies	Unknown	Fall
<p><b>Description:</b> Contemporary topics of women's health and reproduction are used as vehicles to introduce the student to the world of evidence-based data acquisition. Selected topics will span and cross a multitude of contemporary boundaries. Issues will evoke moral, ethical, religious, cultural, political and medical foundations of thought. The student will be provided introductory detail to each topic and subsequently embark on an independent critical review of current data and opinion to formulate their own said notions. Examples of targeted topics for the upcoming semester include, but are not limited to: Abortion, Human Cloning, Genetics, Elective Cesarean Section, Fetal Surgery, Hormone Replacement, Refusal of Medical Care, Medical Reimbursement, Liability Crisis and Gender Bias of Medical Care. This course is limited to students with junior or senior standing.</p>					
<b>L77 WGSS 316</b>	Contemporary Women's Health	Arts and Sciences	Women and Gender Studies	Annually	Fall
<p><b>Description:</b> We identify and study a broad range of health issues that are either unique to women or of special importance to women. The roles that women play as both providers and consumers of health care in the United States will be examined. The interface of gender, race, and class and their impact on an individual's access to and experience in the health care system will be central concerns. Topics are wide-ranging and include discussions of breast cancer, mental health, cardiovascular disease in women, women and eating (from anorexia to obesity), reproductive issues (from menstruation to fertility to menopause), as well as the politics of women's health, gender differences in health status, the effect of employment on health, the history of women's health research.</p>					
<b>S55 MPH 5325</b>	TPS: Child Maltreatment	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> This course is by pre-registration only. You must complete the application on Inside Brown between April 2-9, 2014. The purpose of this course is for students to develop an understanding of transdisciplinary perspectives and apply systematic problem solving approaches to the prevention of child maltreatment. Answers to complex questions about child maltreatment requires a transdisciplinary problem-solving approach with public health, social work, and medical practitioners analyzing perspectives from diverse fields, and coming together to integrate knowledge across these disciplines</p>					

### Maternal and Child Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>S55 MPH 5375</b>	TPS: Pregnancy Outcomes: Social, Biological and Environmental Determinants	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> This course is by pre-registration only. You must complete the application on Inside Brown between April 1-7, 2015. This course will introduce students to general biological processes of pregnancy and birth outcomes, including pregnancy loss and preterm birth, in order to understand the epidemiology of reproductive and perinatal health. Subsequently, students will evaluate social and environmental determinants of birth outcomes with emphasis on racial and ethnic disparities, and traditional and modern environmental exposures such as lead, Bisphenol-A (BPA), and phthalates. The course also will explore community, social and behavioral interventions aimed at improving maternal and perinatal health.</p>					
<b>U13 EPSc 121</b>	Introduction to Global Climate Change	University College	Earth and Planetary Science	Unknown	Fall
<p><b>Description:</b> Global climate and global climate change and their impacts on life and civilization. Integrated view of global climate and the diverse forces that can alter global climate. Historical and potential future consequences of global climate change on human life, our industrial civilization, and its sustainability.</p>					
<b>L 48 Anthro 365</b>	Variations in Human Growth	Arts and Sciences	Anthropology	Annually	Spring
<p><b>Description:</b> This course focuses on the life-history of humans from birth to death. Through a series of lectures we will consider how humans grow and change both biologically and psychologically over the course of our lives. Topics will include: human growth curves, sex-differences, adolescence and puberty, nutrition, environment, growth disorders, death, and the evolution of human growth.</p>					

### Environmental Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>U80 CRM 509</b>	Health and Society	University College	Clinical Research Management	Unknown	Fall
<p><b>Description:</b> This course examines how personal health and well-being are affected by institutional and societal forces. We use an historical perspective in studying, for example, how sleep, leisure, and other aspects of personal health have been changed by industrial, economic, political, and cultural developments such as urban planning, food processing, animal husbandry, and the role of the family doctor. We also take a close look at environmental factors (e.g. global warming) and related political and economic forces that produce and exacerbate chronic diseases. Finally, we critique how personal health and the health care industry have been influenced by major institutional forces such as the insurance and pharmaceutical industries, professional licensure, government-sponsored research, and the media. We read case studies and medical journals to understand and discuss related ethical and policy questions. Although this course meets over two weekends, students are expected to complete much of the course reading prior to the weekend sessions, and complete a paper after the weekend session.</p>					
<b>L82 EnSt 335F</b>	Introduction to Environmental Ethics	Arts and Sciences	Environmental Studies	Annually	Summer, Spring
<p><b>Description:</b> A general survey of current issues in environmental ethics, focusing on problems such as the obligation to future generations, protection of endangered species, animal rights, problems of energy and pollution, wilderness, global justice, and business obligations. Students will also learn some ethical and political theory</p>					
<b>L97 IAS 322B</b>	Environmental and Energy Issues	Arts and Sciences	International and Area Studies	Annually	Spring
<p><b>Description:</b> This course considers the major issues in these increasingly important areas of public policy. We will discuss the importance of political processes and actors on such phenomena as global warming, endangered species, and public lands. This course emphasizes the American experience but also considers international implications.</p>					

### Environmental Health contd.

Course#	Title	School	Department	Frequency	Semester Offered
L19 EpSC 111	Introduction to Global Climate Change in the 21 <sup>st</sup> Century	Arts and Sciences	Earth and Planetary Science	Every 1 or 2 Years	Spring
<p><b>Description:</b> Global climate and global climate change and their impacts on life and civilization. Integrated view of global climate and the diverse forces that can alter global climate. Historical and potential future consequences of global climate change on human life, our industrial civilization, and its sustainability.</p>					

### Research Methods

Course#	Title	School	Department	Frequency	Semester Offered
S55 MPH 5000	Research Methods	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> Focuses on evaluation at a variety of levels (individual, group, organization, community). Includes problem assessment, specification and monitoring of interventions, validation of measurement methods, and analysis and presentation of data. Pre-requisite: Undergraduate Statistics courses with a grade of B or better OR Co-requisite: S80-5003, Biostatistics.</p>					
L 48 Anthro 4596	Biomarkers: Measuring Population Health, Reproductive, and Social Endocrinology	Arts and Sciences	Anthropology	Every 2 Years	Spring
<p><b>Description:</b> How do we study contemporary human biology and population level health? How do we investigate individual differences in health within a larger population? In this course, we will specifically address these questions by looking at how anthropologists, nutritionists, and public health workers investigate individual and population level health. This will be done through the study of biomarkers collected from individuals. In this class, we will discuss the theory behind the use of biomarkers, the underlying biology and physiology of the human body reflected in these data, and the methods used in collection and analyses of biomarkers. Finally, we will discuss how biomarkers can be integrated into studies of population and individual level health.</p>					

### Epidemiology

Course#	Title	School	Department	Frequency	Semester Offered
S55 MPH 5011	Epidemiology Methods	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This course extends the concepts and methods of epidemiology from S55-5002, providing an in-depth exploration of concepts and skills in epidemiologic research, including analytic reasoning and study design, execution, data analysis and interpretation. Prerequisite: S55-5002 and S55-5003 or equivalent.</p>					
M19 PHS 501	Introduction to Epidemiology	Medicine	Population Health Sciences	Annually	Fall
<p><b>Description:</b> This course introduces the basic principles and methods of epidemiology, with an emphasis on critical thinking, analytic skills, and application to clinical practice. Topics include outcome measures, methods of adjustment, surveillance, quantitative study designs, and sources of data. Designed for those with a clinical background, the course will provide tools for critically evaluating the literature and skills to practice evidence-based medicine. Course activities: lectures, Midterm and final exams, class participation, problem sets, and papers. Course note: M21 503 required prerequisite</p>					

### Epidemiology contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>M19 PHS 502</b>	Intermediate Epidemiology	Medicine	Population Health Sciences	Annually	Fall
<p><b>Description:</b> The second course in the Epidemiology series, this course builds upon the basic principles and methods of epidemiology and introduces additional tools and concepts that are critical to a comprehensive study design. Topics include risk and association, sampling strategies, interaction, confounding, adjustment, lifetables, applied causal inference, validity and reliability, social epidemiology, and approaches to data analysis. Upon exiting this course, students will be prepared to approach the study design portion of a protocol, as required by the final course in the Epidemiology series. Course activities: lectures, Midterm and final exams, class participation, problem sets, and papers. SAS software is required for this course. Course note: M19-501 required prerequisite</p>					
<b>S55 MPH 5002</b>	Foundations of Public Health: Epidemiology	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> The purpose of this course is to present fundamentals of Epidemiology as a framework for using evidence-based approaches in addressing population health issues. Students will learn the role of epidemiological approaches for describing and quantifying health problems, and methodological approaches for assessing risk factors and disease etiology.</p>					
<b>S55 MPH 5114</b>	Epidemiology of Psychiatric and Substance Abuse Disorders	Social Work and Public Health	Public Health	None	Fall
<p><b>Description:</b> Covers epidemiologic methods specific to the study of psychiatric and substance use disorders and distribution and determinants of these disorders over the life course. Topics to include classification and assessment for research studies, biological and environmental risk factors and correlates, comorbidity, treatment, and ethical issues. Pre-requisites: S55-5002 &amp; S55-5003 or permission of instructor.</p>					

### Statistical Methods

Course#	Title	School	Department	Frequency	Semester Offered
<b>L24 Math 507M</b>	Statistics for Medical and Public Health Researchers	Arts and Science	Mathematics	Unpredictable	Fall
<p><b>Description:</b> This course is an introduction to basic statistical analysis, restricted to graduate students in medicine, biology, and public health. Students will be introduced to core statistical tools used to study human health outcomes. Topics include: measurement, descriptive analysis, correlation, graphical analysis, hypothesis testing, confidence intervals, analysis of variance, and regression analysis. Major components of the course include learning how to collect, manage, and analyze data using computer software, and how to effectively communicate to others results from statistical analyses. The second aspect of the course is focused on the statistical package R, which is the most powerful, extensively featured, and capable statistical computing tool available. Course may not be used for credit in undergraduate math major/minor programs, nor in any Mathematics or Statistics graduate programs. Taught on the medical school campus. Prerequisite: Current graduate enrollment in a program in DBBS, medicine or public health, or permission of instructor.</p>					
<b>M88 ABHR 547</b>	Power and Sample Size	Medicine	Applied Behavior Health Research	Unknown	Fall
<p><b>Description:</b> Learn the theoretical and practical aspects of how to calculate sample size for common study designs under various restraints (time, resources, etc.).</p>					

**Statistical Methods contd.**

Course#	Title	School	Department	Frequency	Semester Offered
<b>M88 ABHR 548</b>	Applied Data Management	Medicine	Applied Behavior Health Research	Unknown	Fall
<p><b>Description:</b> This class is an advanced seminar intended for graduate students in the health and social sciences who plan to engage in applied research. This course is a survey of important data management topics and techniques. Topics include: data programming and manipulation, data storage and security, data cleaning, relational database theory, and legal and ethical issues of data management. Software tools covered in the course include SPSS, SAS, Excel, MS Access, and SQL. A number of guest lecturers will present case studies of real-world data management examples and will discuss data management aspects of each public health core area. A key aspect of the course will be brief weekly discussions by in-class working groups, culminating in a final 20-30 minute long presentation. The only formal prerequisite for this course is BSTC-500 or the equivalent. A familiarity with basic statistics and computer statistical software is required.</p>					
<b>M21 MSB 560</b>	Biostatistics I	Medicine	Biostatistics and Genetic Epidemiology	Annually	Fall
<p><b>Description:</b> This course is designed for students who want to develop a working knowledge of basic methods in biostatistics. The course is focused on biostatistical and epidemiological concepts and on practical hints and hands-on approaches to data analysis rather than on details of the theoretical methods. We will cover basic concepts in hypothesis testing, will introduce students to several of the most widely used probability distributions, and will discuss classical statistical methods that include t-tests, chi-square tests, regression analysis, and analysis of variance. Both in-class examples and homework assignments will involve extensive use of SAS. Prerequisite: M21-503, Statistical Computing with SAS®, or student must have good practical experience with SAS®. For details, to register and/or to obtain the required permission of the Course Master, contact the Program Manager (msibs@wubios.wustl.edu or telephone 362-1384).</p>					
<b>M21 MSB 570</b>	Biostatistics II	Medicine	Biostatistics and Genetic Epidemiology	Annually	Fall
<p><b>Description:</b> This course is designed for students who have taken Biostatistics I or the equivalent and who want to extend their knowledge of biostatistical applications to more modern and more advanced methods. Biostatistical methods to be discussed include logistic and Poisson regression, survival analysis, Cox regression analysis, and several methods for analyzing longitudinal data. Students will be introduced to modern topics that include statistical genetics and bioinformatics. The course will also discuss clinical trial design, the practicalities of sample size and power computation and meta analysis, and will ask students to read journal articles with a view towards encouraging a critical reading of the medical literature. Both in-class examples and homework assignments will involve extensive use of SAS. Prerequisite: M21-560, Biostatistics I or its equivalent as judged by the course masters. For details, to register, and/or to obtain the required permission of the Course Master, contact the Program Manager (msibs@wubios.wustl.edu or telephone 362-1384).</p>					
<b>S55 MPH 5003</b>	Foundations of Public Health: Biostatistics	Social Work and Public Health	Public Health	Unknown	Summer, Fall
<p><b>Description:</b> This course provides an introduction to quantitative data analysis as it is applied in public health. Biostatistics is one of the core disciplines of public health; but it also provides a set of analytic tools which are used across all the other core and associated public health disciplines. This course will teach students how to think about data clearly; how to describe important characteristics of public health data; how to design, implement, and interpret basic statistical analyses which are appropriate for the research question and the characteristics of the data; and how to communicate analysis results effectively. This is the Home Course for the Identical Course S80-5003.</p>					
<b>S55 MPH 5960</b>	Skills Lab: Statistical Analysis: SAS	Social Work and Public Health	Public Health	Unknown	Summer
<p><b>Description:</b> This course will provide an introduction to the SAS statistical package in a Windows environment. Students will learn the basics of data management and manipulation through hands-on tutorials. Topic will include importing/exporting data, merging datasets, recoding variables, simple statistical analyses and troubleshooting. At the end of the course, students will have the skills necessary to use SAS for advanced biostatistics and epidemiology courses. Prerequisites for the course are the completion of S55-5003 Foundations of Public Health: Biostatistics and S55-5000 Research Methods. This course is strongly recommended for students taking S55-5011 Epidemiology Methods.</p>					

**Statistical Methods contd.**

Course#	Title	School	Department	Frequency	Semester Offered
<b>M21 MSB 618</b>	Survival Analysis	Medicine	Biostatistics and Genetic Epidemiology	Annually	Spring
<p><b>Description:</b> This course will cover the basic applied and theoretical aspects of models to analyze time-to-event data. Basic concepts will be introduced including the hazard function, survival function, right censoring, and the Cox-proportional hazards (PH) model with fixed and time dependent covariates. Additional topics will include regression diagnostics for survival models, the stratified PH model, additive hazards regression models and multivariate survival models. Permission of the Course Master required.</p>					
<b>M55 MPH 5230</b>	Applied Linear Modeling	Social Work and Public Health	Public Health	Every Semester	Fall, Spring, Summer
<p><b>Description:</b> This course focuses on statistical modeling and analysis methods relevant to epidemiological and clinical research, as well as applied research in behavioral, social, and health sciences. A general linear models approach is taken to data analysis strategies using linear, logistic, and poisson regression, as well as ANOVA methods for repeated measures. Required Co-Requisite: Students enrolled in Section 01 MUST also be enrolled in Lab A. Students enrolled in Section 02 MUST also be enrolled in Lab B. This course can be taken through the cross-listed course number S80-5003 to fulfill the requirement formerly fulfilled by S80-5001 Advanced Statistics in the Research Specialization within the MSW Program.</p>					
<b>L58 PHealth 322</b>	Biostatistics	Arts and Sciences	Public Health	Annually	Spring
<p><b>Description:</b> A second course in elementary statistics with applications to life sciences and medicine. Review of basic statistics using biological and medical examples. New topics include incidence and prevalence, medical diagnosis, sensitivity and specificity, Bayes' rule, decision making, maximum likelihood, logistic regression, ROC curves and survival analysis. Each student will be required to perform and write a report on a data analysis project. Prereq: Math 3200, or (Math 2200 AND permission of instructor).</p>					
<b>S55 MPH 5961</b>	Skills lab: Statistical Analysis STATA	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This skill lab will introduce students to the STATA statistical software package. Students will learn data concepts such as opening/importing/exporting data, applying formats, using syntax, creating variables, graphs and more. Statistical analysis techniques will be covered for both continuous and categorical outcome variables, including chi-square, t-tests, regression and survey weights. Students will demonstrate acquired skills during a final project working with data and running a statistical analysis and interpretation.</p>					
<b>S55 MPH 5962</b>	Skills lab: Introduction to the R Statistical Programming Language and Environment	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This course will introduce students the fundamentals of the R language and RStudio environment. The first session will cover how to obtain and install R and RStudio, import data, create descriptive statistics, and plot simple graphics. The second session will delve into data structures and classes, data manipulation and management, and common data analyses (t-tests, ANOVAs, correlations, regressions, etc.). Students will explore R's graphics capabilities and some of the publishing tools built into RStudio during the third session. Students are expected to have taken at least one introductory statistics course, but need no prior computer programming experience.</p>					
<b>S55 MPH 5963</b>	Skill lab: Data Management	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This skill lab will introduce students to the basic aspects of data management, starting with planning your database, moving to collecting, entering and cleaning data. Other topics will include data types, formats and value labels, data dictionaries, missing data, repeated measures data and finding duplicate observations. Students will learn to use descriptive statistics to quickly assess data quality. Hands on exercises using both Excel and SPSS will be discussed. This workshop is ideal for students with little or no experience working with data.</p>					

### Statistical Methods contd.

Course#	Title	School	Department	Frequency	Semester Offered
S55 MPH 5965	Skill lab: Quantitative Data Analysis	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This intensive course focuses on analysis of ethnographic and other qualitative data in public health research. It will begin by introducing theoretical approaches to analysis including grounded theory and framework approach. We will then introduce a free Macintosh-based software for coding textual and visual data called TAMS Analyzer. We will use sample data for demonstration purposes initially, but students are welcome to bring their own data subsequently. Finally, we will discuss writing up results and publication strategies.</p>					
M21 MSB 503	Statistical Computing in SAS	Medicine	Biostatistics and Genetic Epidemiology	Annually	Summer
<p><b>Description:</b> Intensive hands-on summer training in SAS during 7 days of instruction. Students will learn how to use the SAS System for handling, managing, and analyzing data. Instruction is provided in the use of the SAS programming language, procedures, macros, and SAS SQL. The course will include exercises using existing programs written by SAS experts. Instruction materials and computer lab will be provided. This course meets the prerequisite for M21-560 Biostatistics I in fall. The registration/grade option of "Audit" is not available. Contact the Biostatistics Program Manager for details and to obtain the required permission of the Course Master (msibs@wubios.wustl.edu or telephone 362-1384). Section one (July 1-10). Section two (August 14-22).</p>					
M88 AHBR 512	Advanced Data and Information Management	Medicine	Applied Health Behavior Research	Unknown	Summer
<p><b>Description:</b> This course will cover the education and training in data and information management as it applies to Health Sciences, pulling from aspects of different fields: domain specific (clinical or public health) and analytic (biostatistics and database management) using different software tools. We will examine data types and data repositories to include best practices in data acquisition and management. This course will scrutinize tools for data storage and data manipulation and delve into relational and non-relational databases. Concepts in epidemiology and biostatistics will be presented along with discussion on health informatics. The first three Mondays will be taught through on-line lectures, while Wednesdays will be used for application training (a laptop will be needed).</p>					

### Health Policy and Politics

Course #	Title	School	Department	Frequency	Semester Offered
L90 AFAS 3275	Contemporary African Politics	Arts and Sciences	African and African American Studies	Twice each year	Fall, Spring
<p><b>Description:</b> Why do some African countries, like the Democratic Republic of Congo, experience civil wars and political violence while others, like Senegal, are beacons of peace and stability? Why are many African countries poor? Why has democracy collapsed in Mali but endured in South Africa? Drawing on research from political science, anthropology, and history (as well as fictional and documentary films, on occasion), the course provides an overview of the issues at the forefront of research and policymaking related to contemporary Africa. It is designed so that students develop knowledge of various aspects of African politics from the pre-colonial period to the present, engage with rich accounts of contemporary politics in several countries, and apply analytic methods from the social sciences to understand major themes in African politics. Among other themes, the course considers: pre-colonial and colonial legacies in contemporary politics, nationalism and state-building, economic development, democratization and elections, women's participation in politics, ethnic and racial politics, civil war and political violence, and post-conflict peace-building. In addition to becoming experts in the politics of a particular country that they select at the start of term, students will study broad cross-national trends and do case study analysis. They will, therefore, leave the course with knowledge of specific events in contemporary African politics, as well as an ability to explain these specific events in a comparative perspective.</p>					

## Health Policy and Politics Contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>L97 IAS 103B</b>	International Public Affairs	Arts and Sciences	International and Area Studies	Unpredictable	Fall
<p><b>Description:</b> We live in a complex, fast-paced world. Technological advances and economic interdependence bring us closer together, even as globalization creates new challenges that cannot be solved by one country alone. In this class we will examine the forces that affect competition and cooperation in a globalized world. Students will engage with influential social science literature on these topics, participate in classroom discussion, and take part in classroom activities, such as debates and policy-making simulations, to build a deeper understanding of these theories. In addition, students will work on semester-long policy projects to build practical skills in problem solving, team building, and communication. THIS COURSE IS RESTRICTED TO FRESHMEN IN THE GLOBAL CITIZENSHIP PROGRAM.</p>					
<b>L32 Pol Sci 3024</b>	International Institutions	Arts and Sciences	Political Science	Unpredictable	Fall
<p><b>Description:</b> This course surveys in historically and theoretically informed fashion the role of various international institutions in international relations. It addresses the fundamental question of the contribution of international institutions to world order. The course first traces the historical evolution of international organization before turning to international institutions since World War II. It then focuses on the following: the most important regional international organization, the European Union; the most important international organizations dealing with the issues of peace and security, the United Nations and NATO; and the major international economic institutions, the WTO, the IMF and the World Bank. Prerequisites: Intro to International Politics L32 103B.</p>					
<b>L32 Pol Sci 4070</b>	Global Justice	Arts and Sciences	Political Science	Every 2 years	Fall
<p><b>Description:</b> This course examines contemporary debates and controversies regarding global justice. Seminar discussions will be arranged around significant issues in the current literature. For example: What (if anything) do we owe to the distantly needy? Do we have special obligations to our compatriots? Do political borders have normative significance? And so on. This course will be of interest not only to political theorists, but also students in other fields interested in social justice or international relations generally.</p>					
<b>B66 OB 523</b>	Politics and Power in Organizations	Business	Organizational Behavior	Unknown	Summer, Spring
<p><b>Description:</b> The use of power and politics is inevitable in modern organizations - and the higher one goes the more of it one encounters. Therefore, the development of real competency in managing power and influence can materially enhance career progression. The objective of this course is to develop such competency through the use of learner - centered instruction, which includes actual application of concepts through class discussion of case histories and the use of a learning journal. The content of the course includes: why power and politics occur; when are they particularly prevalent; what are the sources of power; how to build power throughout ones career; common influence tactics; the importance of political "fit" in job search, and; how to avoid political mistakes in a new position. Prerequisites: MBA OB 5620</p>					
<b>U43 IS 103</b>	Introduction to International Politics	University College	International Studies	Unpredictable	Spring
<p><b>Description:</b> This is an introductory survey course. Its goal is to familiarize students with the basic concepts of international politics as a subfield of political science and to introduce them to important issues such as cooperation and conflict, interdependence in the era of globalization, human rights and human development, and the environment.</p>					
<b>L48 Anthro 3373</b>	Law and Culture	Arts and Sciences	Anthropology	Unknown	Fall
<p><b>Description:</b> We live in an age when social policy is increasingly displaced into the realm of law, when justice and equality are matters of courtroom debate rather than public discussion. Legal language has become a key resource in all kinds of struggles over livelihood and ways of life. In this course, we study the cultural dimensions of law and law's changing relationship to state power, the global economy, social movements, and everyday life. We approach law as a system of rules, obligations, and procedures, but also a cultural practice, moral regime, and disciplinary technique. How are relationships between legal, political, and economic realms structured and with what consequences? How does law provide tools for both social struggle and social control? What does anthropology contribute to research on these issues? In exploring these questions, we combine readings from classical legal anthropology with recent ethnographic work from around the globe.</p>					

### Health Policy and Politics Contd.

Course#	Title	School	Department	Frequency	Semester Offered
S55 MPH 5117	Translating Epidemiology to Policy	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> Policy has a well-documented, powerful and sustained effect on public health indicators. This course covers the epidemiologic basis for health policy, types of policy evidence, policy theories, study designs for understanding the effects of policy, methods of policy communication, and current controversies. Course content will be covered through readings, individual and group exercises, case studies, lectures, and discussions. Prerequisite: S55-5002, Foundations of Public Health: Epidemiology</p>					
S55 MPH 5121	Advanced Health Policy Methods	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> This course will introduce students to additional methods and topics in economic evaluation of health (health care and public health) and health services research (HSR). Students will learn the differences, strengths, and weaknesses of different approaches at a "user" level. Students will produce a project in which they focus on either the economic evaluation or HSR side to evaluate public health policies or problems. Pre-requisite: Health Economics (S55-5120) or permission of instructor.</p>					

### Human Rights/Human Rights Law

Course#	Title	School	Department	Frequency	Semester Offered
L84 Lw St 4981	Historical Perspectives on Human Rights and Globalization	Arts and Sciences	Legal Studies	Every 1 or 2 Years	Spring
<p><b>Description:</b> This course offers a historical perspective on the modern international human rights regime, using materials drawn from diplomatic, legal, political, and cultural studies. Successful completion of this seminar involves designing, researching, and writing a 25-30 page paper on a historically-oriented, human-rights-related topic of your choice. Modern, U.S. PREREQUISITE: SEE DEPARTMENT INFO.</p>					
U25 Pol Sci 3050	Politics of International Law	University College	Political Science	Unknown	Summer
<p><b>Description:</b> In this course, we will focus on key issues of international law and international politics, and how issues of law and politics intersect at the international level. This will include a focus on theories of international relations, theories of international law; conflicts regarding resources, territory and ideology; international treaties; international institutions; the limits of international law; customary international law; and human rights. This is a fully online course. Only University College students receive credit for fully online courses.</p>					

### Health Economics

Course#	Title	School	Department	Frequency	Semester Offered
B54 MEC 292	Global Economy	Business	Managerial Economics	Unknown	Fall, Spring
<p><b>Description:</b> This course introduces the fundamentals of international economic analysis. It is intended to provide an economic foundation to the analysis of business decisions and strategies in the global setting. Topics of the course include: introduction to the global economy; comparative advantage; international trade; foreign direct investment; tariffs; political, legal, and institutional factors; balance of payments; exchange rates; national competitive advantage and industrial policies; global economic competition and business strategy. Prerequisites: MEC 290 or ECON 1011 and QBA 120</p>					

### Health Economics contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>B64 MEC 531</b>	The Global Economy	Business	Managerial Economics	Unknown	Fall
<p><b>Description:</b> The purpose of this course is to present current issues pertaining to international economics, macroeconomics, and the global economy. The broad topics to be covered are: macroeconomic principles; exchange rate determination; balance of payments analysis; the choice between fixed and floating exchange rates, and the implications of that choice on the implementation of domestic policies; and finally a brief treatment of the determinants of economic growth and nations' development strategies. The material will be presented through a combination of lectures and case discussions.</p>					
<b>L97 IAS 376</b>	International Economics	Arts and Sciences	International and Area Studies	Unpredictable	Spring
<p><b>Description:</b> This course provides an analysis of the international economy, the economic theories that help explain it, and analysis of important current issues of international economic policy. The course covers both trade and monetary issues. Prerequisites: Econ 1011 and Econ 1021.</p>					
<b>S55 MPH 5210</b>	Health Economics	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> In this course, students will learn how to apply economic tools to the study of health and medical care issues. The course will examine the special features of medical care markets, the demand for health and medical care services, the economic explanations for the behavior of medical care providers (i.e., physicians and hospitals), the functioning of insurance markets, cost and comparative effectiveness, the economics of public health, and technology diffusion. Also examined will be the role of, and economic justification for, government involvement in the medical care system. The tools developed in the course will be used in discussions of current policy topics such as health reform, insurance reform, incentives for health behavior, rationing, and price regulation.</p>					

### Social Entrepreneurship

Course#	Title	School	Department	Frequency	Semester Offered
<b>B53 MGT 380</b>	Business Strategy	Business	Management	Unknown	Fall
<p><b>Description:</b> This course adopts the perspective of the general manager -- an individual charged with developing and implementing the long-term strategy of a business. The course develops basic tools and concepts in strategy formulation, including competitive advantage, value creation and capture, industry analysis, capability assessment, and competitive positioning. The course is designed to develop students' skills in both analyzing observed strategies and in formulating and implementing new ones. A key feature of the course is a business simulation in which student teams will interactively formulate and execute strategy for a simulated firm. Prerequisite: MEC 290.</p>					
<b>B53 MGT 421</b>	Introduction to Entrepreneurship	Business	Management	Unknown	Fall, Spring
<p><b>Description:</b> Through case studies, frequent guest speakers, and the professor's own experience, the real world of entrepreneurship will be brought into the classroom to provide a context for students to learn the fundamentals of founding, operating, and exiting a start-up business. Students will learn new perspectives that will teach them to think like an entrepreneur. Those who are interested in the general study of entrepreneurship, those who want to be entrepreneurs, and those who would like to leverage entrepreneurial principles in other career paths are all good candidates for the course. This course can only be taken for a grade. Prerequisites: Junior, or senior standing in any school or college.</p>					

## Health Management

Course#	Title	School	Department	Frequency	Semester Offered
<b>B56 HRM 320A</b>	Managing People in Organizations	Business	Human Resource Management	Unknown	Fall
<b>Description:</b> Managerial and behavioral concepts as applied to the management and supervision of people in organizational settings. Emphasis is placed on integrating insights from organizational behavior and the behavioral sciences with traditional and current concepts and practices of management and the managerial process. Case method of instruction is used for applications of concepts and development of decision-making skills. Prerequisite: Junior standing.					
<b>M88 AHBR 508</b>	Project management in Clinical and Community Settings	Medicine	Applied Health Behavior Research	Unknown	Spring
<b>Description:</b> This course will provide an overview of project management in health and community settings, including a review of ethics, data collection and management. Students will develop skills for managing and coordinating all aspects of health behavior projects, including recruitment and retention of participants, developing and maintaining various databases for study/program tracking and analysis, writing reports, managing a project team, and using basic statistical tools for project reporting. Successful completion of this course will enable students to better manage health-related studies and programs.					
<b>S55 MPH 5141</b>	Performance Management	Social Work and Public Health	Public Health	Twice each year	Spring
<b>Description:</b> This course will provide skills in selecting and applying widely used tools and best practices to yield effective and efficient organizational performance and continuous learning and quality improvement. These skills are applicable to diverse functions and settings areas such as intake and case management, clinic operations and volunteer management. This course fulfills one credit in Leadership/Management.					
<b>B66 OB 523</b>	Politics and Power in Organizations	Business	Organizational Behavior	Unknown	Spring
<b>Description:</b> The use of power and politics is inevitable in modern organizations - and the higher one goes the more of it one encounters. Therefore, the development of real competency in managing power and influence can materially enhance career progression. The objective of this course is to develop such competency through the use of learner-centered instruction, which includes actual application of concepts through class discussion of case histories and the use of a learning journal. The content of the course includes: why power and politics occur; when are they particularly prevalent; what are the sources of power; how to build power throughout ones career; common influence tactics; the importance of political "fit" in job search, and; how to avoid political mistakes in a new position. MBA Prerequisite: OB 5620.					
<b>U44 Bus 259</b>	Principles of Management	University College	Business	Unknown	Spring
<b>Description:</b> This course combines a strong foundation in management principles with six core managerial competencies critical for success: self-management, strategic action, planning and administration, global awareness, teamwork, and communication. We will study a number of well-known organizations to illustrate these managerial competencies. We also will explore how proactive managers respond to opportunities and challenges of global management and diversity, team-based management, service management, ethical issues, and contemporary trends in business. The course also offers self-assessment tools to help students understand and develop their own management potential for career success. This course is fully online. Only University College students receive credit for fully online courses.					

### Health Management contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>S55 MPH 5041</b>	Skill Lab: Grantwriting: Foundation Grants	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This lab is intended to provide students with knowledge of specific skills in preparing a foundation grant proposal and will actually write a grant proposal. Developed from a foundation perspective, students will gain insights into how grantmakers operate. During this lab students will learn: the trends in foundation charitable giving, the different types of foundations and how to research their interests and priorities and develop grant strategies. Students will also learn basic writing skills necessary to capture the attention of a potential foundation funder. Students will learn what elements are needed to be in place within an organization before a grant is written; how to build a working relationship with a Foundation; components of an effective grant proposal; how to customize a grant proposal to various types of foundations; and how to follow-up once a grant is accepted or declined. Students will complete this lab with the skills to write a common grant application, understanding of the mutual benefit of charitable giving between grantor/grantee, knowledge of different types of Foundations' grantmaking processes, and experience in researching potential foundations.</p>					
<b>S55 MPH 5042</b>	Skill Lab: Grantwriting: Government Grants	Social Work and Public Health	Public Health	Unknown	Spring
<p><b>Description:</b> This lab will provide you with actual experience writing mock governmental grants. The ability to write grants is a highly marketable skill, especially in today's political climate, which finds governments withdrawing support from education and health care, resulting in an increased need for non-profit groups to find additional financial support. In this skills lab, students will learn the basics of government grant writing, including needs assessment, identifying potential government funding sources, and creating evaluation plans. Students will complete this lab with the skills to write a government grant application, understanding of the mutual benefit of charitable giving between grantor/grantee, knowledge of different types of governmental funders and grant making processes, and experience in researching potential governmental funding opportunities.</p>					

### Healthcare Marketing and Communications

Course#	Title	School	Department	Frequency	Semester Offered
<b>M88 AHBR 514</b>	Health Behavior Theory	Medicine	Applied Health Behavior Research	Unknown	Fall
<p><b>Description:</b> Analysis and application of behavior theories to health education and health promotion. Personal, family, and sociocultural factors that influence health behavior and lifestyle issues related to behavior change and adherence.</p>					
<b>M01 OT 5380</b>	Health Promotion, Participation and Wellness for Persons with Chronic Disease	Medicine	Occupational Therapy Program	Unknown	Fall
<p><b>Description:</b> The impact of chronic disease on daily participation affects health-related quality of life and well-being. Students will study health promotion and preventive individual and group models of service delivery for community-dwelling people. Using Healthy People 2020 topic areas, students will explore theory-driven, evidence-based health education solutions for consumers with chronic conditions to strengthen their community participation. Students will discover therapeutic interventions to empower people to self-manage their conditions and connect with community resources for health promotion, prevention and wellness</p>					
<b>S55 MPH 5001</b>	Foundations of Public Health: Health Behavior and Health Promotion	Social Work and Public Health	Public Health	Unknown	Summer, Spring
<p><b>Description:</b> This course provides a comprehensive introduction to the theories, problems, and issues of health and illness affecting our nation in the 21st century. The empirical and theoretical literature regarding the impact of illness on the individual and family is examined. MSW Program Pre-requisites: S15-5011 &amp; S15-5038.</p>					

### Healthcare Marketing and Communications contd.

Course#	Title	School	Department	Frequency	Semester Offered
<b>M88 AHBR 514</b>	Health Behavior Theory	Medicine	Applied Health Behavior Research	Unknown	Fall
<b>Description:</b> Analysis and application of behavior theories to health education and health promotion. Personal, family, and sociocultural factors that influence health behavior and lifestyle issues related to behavior change and adherence.					
<b>M01 OT 5380</b>	Health Promotion, Participation and Wellness for Persons with Chronic Disease	Medicine	Occupational Therapy Program	Unknown	Fall
<b>Description:</b> The impact of chronic disease on daily participation affects health-related quality of life and well-being. Students will study health promotion and preventive individual and group models of service delivery for community-dwelling people. Using Healthy People 2020 topic areas, students will explore theory-driven, evidence-based health education solutions for consumers with chronic conditions to strengthen their community participation. Students will discover therapeutic interventions to empower people to self-manage their conditions and connect with community resources for health promotion, prevention and wellness					
<b>S55 MPH 5001</b>	Foundations of Public Health: Health Behavior and Health Promotion	Social Work and Public Health	Public Health	Unknown	Summer, Spring
<b>Description:</b> This course provides a comprehensive introduction to the theories, problems, and issues of health and illness affecting our nation in the 21st century. The empirical and theoretical literature regarding the impact of illness on the individual and family is examined. MSW Program Pre-requisites: S15-5011 & S15-5038.					

### Health and Nutrition

Course#	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 4215</b>	Anthropology of Food	Arts and Sciences	Anthropology	Every 1 or 2 years	Fall
<b>Description:</b> The rising interest in food research crosscuts various academic disciplines. This seminar focuses on aspects of food of particular interest in anthropology. The first 2/3 of the course is reading intensive and discussion-intensive. Each student will write short review/response papers for major readings. For the final third, we will still be reading and discussing, but the reading load will be lighter (and we will have a field trip) as students devote more time to their research paper. The research paper will be a major effort on a topic discussed with and approved by the professor. In most cases it will have to deal with cultural and historical aspects of a food, set of foods, form of consumption or aspect of food production. Papers will be critiqued, assigned a provisional grade, revised and resubmitted.					
<b>L48 Anthro 4311</b>	Biocultural Perspectives on Obesity and Nutrition	Arts and Sciences	Anthropology	Unpredictable	Fall
<b>Description:</b> From pink slime to red wine, causes-and-treatments-for obesity are constantly in the headlines. With more than 35% of Americans currently obese, this is a tremendous biological and social issue in the United States. Obesity rates are also increasing globally despite billions of dollars spent on diets and public health interventions. Why is this happening and what can be done to change this? Why are humans fat and prone to obesity? How do we interpret appropriate body size? These are some of the questions we will investigate in this class, specifically looking at the important physiological functions of adipose tissue and how both biological and cultural factors shape our perceptions of body image, health, and the obesity epidemic.					

## Mental Health

Course#	Title	School	Department	Frequency	Semester Offered
<b>L48 Anthro 3201</b>	Gender, Culture, and Madness	Arts and Sciences	Anthropology	Every 2-3 years	Fall
<p><b>Description:</b> This course will explore the relationships among gender constructs, cultural values, and definitions of mental health and illness. Understandings of the proper roles, sensibilities, emotions, and dispositions of women and men are often culturally and morally loaded as indicators of the "proper" selves permitted in a given context. Across cultures, then, gender often becomes an expressive idiom for the relative health of the self. Gender identities or presentations that run counter to these conventions are frequently identified as disordered and in need of fixing. In this course, we will take up these issues through three fundamental themes: the social and cultural (re)production of gendered bodies and dispositions; the normalization of these productions and the subsequent location of "madness" in divergent or dissonant experiences of embodiment; and the situation of discourses of "madness" within debates of resistance and conformity, selfhood and agency.</p>					
<b>M19 PHS 562</b>	Addiction and Addictive Behaviors	Medicine	Population Health Sciences	Unknown	Spring
<p><b>Description:</b> This course provides an overview of the principles of substance-related addictions and the processes and mechanisms that underlie addiction. Students will be introduced to the epidemiology and developmental course of addiction, risk and protective influences that act on the course of addiction and its adverse health consequences. Both genetic and environmental underpinnings will be discussed. The impact of policy and economics will be studied. Emerging addictive behaviors, effective interventions and treatment modalities will be discussed. Students will be expected to participate in class discussions, complete written assignments (review paper format) and present one of their written assignments via in-class presentation. Course activities: Lectures, class discussion, review paper presentation, three short papers. Course note: A required course for the Psychiatric and Behavioral Health Sciences Concentration. Prerequisite: M21-560 Biostatistics I or course master approval</p>					
<b>S55 MPH 5114</b>	Mental and Behavioral Health Epidemiology	Social Work and Public Health	Public Health	Unknown	Fall
<p><b>Description:</b> This course covers the public health burden and potential causes of common mental and behavioral health problems, such as depression, anxiety disorders, and addictions. The course will be divided into three sections: I) defining and measuring mental and behavioral health problems; II) risk and causal factors for mental and behavioral health problems - from cells to society; III) the use of epidemiologic findings to inform mental /behavioral health policy and prevention. Pre-requisites: S55-5002 &amp; S55-5003 or permission of instructor.</p>					

## APPENDIX

List of Sources: The following websites were used to identify the global health courses in this guide

School	Department(s)	Web Address
<b>Arts &amp; Sciences</b>	Anthropology, African & African American Studies, Biology and Biomedical Sciences, Business, Earth & Planetary Sciences, East Asian Studies, Environmental Studies, Economics, Legal Studies, International and Area Studies, Political Science, Public Health and Women, Gender and Sexuality Studies	<a href="http://artsci.wustl.edu/">http://artsci.wustl.edu/</a>
<b>Brown School</b>	Public Health and Social Work	<a href="http://brownschool.wustl.edu/Pages/Home.aspx">http://brownschool.wustl.edu/Pages/Home.aspx</a>
<b>Business</b>	Management, Marketing, Organizational Behavior, Managerial Economics, Human Resource Management	<a href="http://www.olin.wustl.edu/EN-US/Pages/default.aspx">http://www.olin.wustl.edu/EN-US/Pages/default.aspx</a>
<b>Engineering and Applied Sciences</b>	Biomedical Engineering, General Engineering and Engineering, Environmental and Chemical Engineering	<a href="https://engineering.wustl.edu/Pages/home.aspx">https://engineering.wustl.edu/Pages/home.aspx</a>
<b>Interdisciplinary Programs</b>	Global Studies	N/A
<b>School of Medicine</b>	Applied Health Behavior Research, Biostatistics and Genetic Epidemiology, Electives WUSM, Internal Medicine, Occupational Therapy and Population Health Sciences	<a href="http://medicine.wustl.edu">medicine.wustl.edu</a>
<b>University College</b>	Anthropology, Biology, Business, Sustainability, Clinical Research Management, Health Care, Earth and Planetary Sciences, International Affairs, International Studies, Non-profit Management, Political Science	<a href="https://ucollege.wustl.edu/">https://ucollege.wustl.edu/</a>

Source	Website
<b>WUSTL WEBSTAC</b>	<a href="https://acadinfo.wustl.edu">https://acadinfo.wustl.edu</a>