

Kent State University Sustainability Course Inventory 2020

| Course Number | Course Name | Description |
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| Undergraduate - Sustainability Focused | | |
| AGRI 43000 | AGRICULTURAL ENVIRONMENTAL LAW 3 Credit Hours | To acquaint students with the fundamentals of state and federal pollution control law. Major topics include: air pollution control, water pollution control, toxic substance control, solid waste management and disposal, Superfund, wetlands, endangered species, land use regulation, environmental assessment, environmental law administration and enforcement and global environmental law. |
| ANTH 48220 | CULTURAL ECOLOGY AND SUSTAINABILITY 3 Credit Hours | (Slashed with ANTH 58220) Exploration of the dynamic relationship between socio-cultural systems and physical-biological environment through Anthropology's comparative perspective on the crucial contemporary need to foster a sustainable society. |
| ARCH 45591 | SEMINAR: ENVIRONMENTAL TECHNOLOGY III 1-3 Credit Hours | (Repeatable for credit)(Slashed with ARCH 55591) Variable topics in environmental technology, environmental design and energy conservation, advanced lighting techniques etc. |
| ARCS 30421 | ENVIRONMENTAL IMPERATIVES 3 Credit Hours | Course introduces students to various viewpoints on sustainable built environments with emphasis on the ethical, ecological, social, political, economic, and technical implications. Engages students in debates on theoretical and practical positions on sustainability, and the organizations that support sustainable practices in the building industry. |
| ARCS 30421 | ENVIRONMENTAL IMPERATIVES 3 Credit Hours | Course introduces students to various viewpoints on sustainable built environments with emphasis on the ethical, ecological, social, political, economic, and technical implications. Engages students in debates on theoretical and practical positions on sustainability, and the organizations that support sustainable practices in the building industry. |
| CMGT 25000 | PRINCIPLES OF LEED 1 Credit Hour | Review of the green building rating system Leadership in Energy and Environmental Design (LEED) as it applies to the construction industry. Focus on preparation for the LEED Green Associate exam. |
| ECON 32083 | The Economics of Poverty | Nature and causes of poverty in United States. Analysis of impact of poverty upon economy and study of measures both real and potential for alleviating it. |
| ECON 32084 | Economics of the Environment | Examines economic theory of environmental and resource economics in a fashion that is understandable by students with varied backgrounds in economics. Emphasis on microeconomic theory and its application to environmental issues. Topics covered include "market failure" and its impact on the environment; cost benefit analysis; and input-output analysis. Designed for those interested in the environment or who may be planning careers in environmental or natural sciences. |
| ENTR 37070 | Social Entrepreneurship | Social entrepreneurs create innovative solutions to solve challenging social and environmental issues affecting the world around them. In this course, students will learn how to lead and manage charities, non-government organizations, social oriented enterprises and not for profit organizations. Students will apply entrepreneurial business and innovative skills to effectively tackle global issues impacting society. |
| ENVS 22070 | NATURE AND SOCIETY 3 Credit Hours | Provides an introduction to interdisciplinary perspectives in nature-society scholarship, focusing on human dimensions of environmental problem domains such as natural resources, ecosystems, climate, and sustainability. It provides a balance of theory and application to illustrative case studies. |
| ENVS 32091 | ENVIRONMENTAL STUDIES AND SUSTAINABILITY 2 Credit Hours | Various aspects of environmental studies are explored. Topics will vary. |
| EVHS 10001 | ENVIRONMENTAL TECHNOLOGY I 3 Credit Hours | Survey course in environmental technology, including health and safety, history, environmental compliance and related issues. |
| EVHS 30002 | ENVIRONMENTAL ISSUES II 3 Credit Hours | Current topics in environmental technology including climate change and alternate energy sources. |
| FDM 35012 | SUSTAINABILITY IN FASHION 3 Credit Hours | Analysis and development of design process thinking through the lens of sustainability and socially responsibility in fashion. Readings, documentaries and lectures are discussed in class. Interdisciplinary teams create a product that supports sustainable fashion futures. |
| GAE 32000 | FUEL CELL TECHNOLOGY 3 Credit Hours | Designed to provide a general perspective to fuel cell technology. Students are introduced to the various types of fuel cells, historical perspective, terminology, applications, fuel cell operation, basic electrochemical and thermodynamics principles involved in fuel cells, fuel cell components, materials and systems. Students learn basic fuel cell design principles and calculations. |
| GAE 42002 | ENERGY MANAGEMENT SYSTEMS 3 Credit Hours | Covers modern theory and applications of energy management. Students use software tools for the control and effective energy management of systems of diverse configurations. Students learn how to build device-to-enterprise applications and Internet-enabled products and software applications for controlling and managing diverse smart devices across an enterprise in real time. |
| GAE 42004 | ADVANCED FUEL CELL TECHNOLOGY 3 Credit Hours | Covers the theory and applications of fuel cell technology with an emphasis to proton exchange membrane fuel cells (PEMFCs). Students learn fuel cell component, stack and system design principles and fabrication methods, performance characterization, fuel cell testing and diagnostics methods. Students are introduced to transport phenomena in fuel cells. Introduction to hydrogen storage, generation and delivery, as well as hydrogen safety and regulations. |

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| GEOG 22061 | HUMAN GEOGRAPHY (DIVG) (KSS) 3 Credit Hours | Introduction to the spatial patterns and processes of human activity on Earth. Course examines how humans understand and interact with the world. Students consider how cities are structured; economic and cultural differences; the interaction between politics and identity; and the environmental consequences of human activities. |
| GEOG 31088 | ENVIRONMENTAL GEOGRAPHY THROUGH FILM 3 Credit Hours | Cinema combines the art of storytelling and creation of landscape in such a way as to capture artifacts of the culture from which films emerge and as such, document in some way cultural, social and political history and experiences. In the course, films are used to examine environmental issues and processes in their social and cultural context. |
| GEOG 41195 | SPECIAL TOPICS IN ENVIRONMENTAL GEOGRAPHY 1-3 Credit Hours | (Repeatable for a maximum 10 times)(Slashed with GEOG 51195 and GEOG 71195) Topics vary per course offering. |
| GEOG 41800 | GLOBAL ENVIRONMENTAL ISSUES 3 Credit Hours | (Slashed with GEOG 51800 and GEOG 71800) Course examines environmental belief systems and explores various perceptions of the Earth's environment and its opportunities, constraints and risks. The goals of the course is twofold: (1) develop a framework to allow students to explore both their own relationship to the environment and to understand the sociocultural constructs that have informed their personal environmental beliefs; and (2) apply this knowledge to critically assess various stakeholder perspectives of specific environmental issues. |
| GEOG 42064 | SETTLING THE NORTH AMERICAN ENVIRONMENT 3 Credit Hours | (Slashed with GEOG 52064 and GEOG 72064) Course surveys the environmental changes of the North American continent brought about by Indigenous, European Colonial and American land use practices, from pre-Columbian times to present. Students engage with foundational historical narratives, evidence and methods for understanding these geographic pasts. Course is a combination of lectures and discussions of readings and in-class activities. |
| GEOG 46080 | URBAN SUSTAINABILITY 3 Credit Hours | (Slashed with GEOG 56080 and GEOG 76080) Provides an introduction to interdisciplinary perspectives on urban sustainability, focusing on environmental challenges caused by urbanization and the innovative ways urban dwellers seek to address those challenges. Course provides background on relevant disciplinary perspectives and their application to environmental challenge domains. |
| GEOL 33025 | WATER AND THE ENVIRONMENT 3 Credit Hours | How water moves on the surface and in the subsurface, with an emphasis on societal issues such as pollution, the conservation and management of water resources, and the impacts of environmental change. |
| MGMT 44009 | Business Case for Sustainability | Lays the foundation for sustainable development and the balance issues between economic, social and environmental interests. It frames the business enterprise within the natural and social environments, and surveys a variety of intersection points and the challenges they pose. Systems thinking and long term perspective are used to understand the potential consequences of organizational choices regarding goals and strategies, given consideration of how the natural environment increasingly drives the business environment. |
| PACS 35050 | ENVIRONMENTAL CONFLICT RESOLUTION 3 Credit Hours | (Cross-listed with POL 30350) Examines alternative dispute resolution principles applicable to complex, multi-party public sector disputes, especially environmental and land use disputes. Students learn about deliberative democracy, a variety of circle processes, consensus decision-making, collaborative problem-solving, digital dialogue processes, and town hall meeting structures among others. Case studies of environmental conflicts and multi-party mediation simulations are used. |
| PH 10002 | INTRODUCTION TO GLOBAL HEALTH (DIVG) 3 Credit Hours | An overview of the biological, social and environmental contributors to health and diseases in populations around the world, including case studies of selected infectious diseases, nutritional deficiencies and health effects of environmental change. |
| PH 20001 | ESSENTIALS OF EPIDEMIOLOGY 3 Credit Hours | Students are introduced to the strategies adopted by public health professionals to study distribution and identification of important biologic, social and environmental determinants of diseases and health-related states in specific populations. |
| PH 40200 | THE BUILT ENVIRONMENT 3 Credit Hours | Provides a basic understanding of the relationships between poor housing and environmental health and safety problems. It explores the physiological and psychological aspects of shelter. Students gain a basic understanding of housing codes, fire codes, zoning, and related regulatory issues. Students explore housing related health problems; such as, indoor air quality, mold, asbestos, lead paint, and radon. Manufactured housing parks and agricultural labor camp regulations are also reviewed. The role of EH in community planning is explored. Health issues with urban sprawl and community design problems, utility problems such as urban run-off and pest problems, and other issues are reviewed. Elements of healthy community, community planning and environmental protection are introduced; such as new urbanism, walkable communities programs, environmental building design, green communities, urban gardening and LEED's. |
| PH 41000 | ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT 3 Credit Hours | Entails leadership and management principles in environmental and occupational health and safety (EOHS), and helps students develop skills needed to become an effective supervisor. Issues such as regulatory structure, program and community planning, policy development, budgeting, staffing and staff development, strategic planning, training, professionalism and assessment are reviewed. Board development, dealing with difficult people and situations, legal, social, political, and economic effects on EOHS programs are dealt with. Related issues such as ethics, human resources, workers comp, court appearances, media relations and communications are reviewed. |

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| PH 42092 | ENVIRONMENTAL, OCCUPATIONAL, HEALTH AND SAFETY INTERNSHIP (ELR) 4-6 Credit Hours | The purpose of the environmental and occupational health and safety internship is to supplement the student in-class learning experiences with practical hand-on skills and work practice experiences that helps them develop the environmental competencies required for success in the field. |
| PH 44002 | GLOBAL HEALTH IMMERSION: GENEVA, SWITZERLAND 3 Credit Hours | Participants explore a number of health concerns, policies and challenges with global importance and implications. Students investigate current global health policies and themes, and become familiar with the major players in global health including governmental and nongovernmental organizations and multinational agencies. Presentations are given by experts currently working in various regions of the world to solve such pressing global problems as HIV/AIDS, post-war trauma, tuberculosis, refugee health, non-communicable disease prevention and environmental contamination. |
| PH 44003 | ENVIRONMENTAL HEALTH ISSUES IN LOW- AND MIDDLE-INCOME COUNTRIES 3 Credit Hours | Covers the important environmental health issues of concerns in low- and middle-income countries and appropriate intervention strategies. Topics include clean drinking water and sanitation, indoor air pollution, outdoor air pollution, environmental management, sustainability and health. |
| PHIL 30025 | ENVIRONMENTAL ETHICS 3 Credit Hours | A philosophical examination of ethical issues in environmental studies, including topics such as: animal ethics and the sources of our food; the value of nature and environmental aesthetics; sustainability and biodiversity; ecofeminism, social justice and radical ecology; and the human response to climate change. The course is designed to complement fields of study such as geography, environmental studies and biology. |
| PHIL 31035 | PHILOSOPHY AND JUSTICE (DIVD) 3 Credit Hours | Consideration of topics and issues relevant to the concept of justice, as addressed by a range of classical and contemporary philosophers. Topics may include the nature of justice from feminist, libertarian, liberal, socialist, communitarian, egalitarian, and social welfare perspectives; and the application of these perspectives to practical issues such as affirmative action, democracy, equal pay, environmental justice, just war, criminal justice, civil disobedience, tort law and poverty. Students with junior standing or above, who have not taken a Philosophy [PHIL] course, should contact the department for a prerequisite override. |
| POL 30350 | ENVIRONMENTAL CONFLICT RESOLUTION 3 Credit Hours | (Cross-listed with PACS 35050) Examines alternative dispute resolution principles applicable to complex, multi-party public sector disputes, especially environmental and land use disputes. Students learn about deliberative democracy, a variety of circle processes, consensus decision-making, collaborative problem-solving, digital dialogue processes and town hall meeting structures, among others. Case studies of environmental conflicts and multi-party mediation simulations are used. |
| POL 40440 | U.S. ENVIRONMENTAL POLITICS AND POLICIES 3 Credit Hours | Course covers such topics as the history of the U.S. environmental movement; public opinion and environmental issues; environmental racism and classism; and environmental policy making and implementation. |
| RPTM 36083 | ENVIRONMENTAL EDUCATION AND CONSERVATION 3 Credit Hours | Environmental education helps people better understand the natural world and to develop attitudes and behaviors conducive to environmental conservation. Teaches students the foundations, principles and techniques of environmental education thus enabling students to prepare and present effective environmental education programs. |
| TECH 27210 | INTRODUCTION TO SUSTAINABILITY 3 Credit Hours | Introduces the students to the concepts of sustainability and its three pillars, namely, economic growth, environmental protection, and social equality. Students taking the course will understand the language and concepts of sustainability and will acquire the knowledge to further study sustainability. |
| TECH 47210 | SUSTAINABLE ENERGY I 3 Credit Hours | (Slashed with TECH 57210) A comprehensive overview of energy sources and energy systems, with an emphasis on renewable energy and the implementation and sustainability of various forms of energy. Examines the characteristics of conventional non-renewable energy systems, along with alternate, renewable energy sources and systems. Includes fundamental energy concepts and the conversion, delivery, distribution, and storage of energy. Explores the technological application of various sources of energy and compares their benefits and limitations. Also presents an overview of present U.S. and global energy needs and demands, and the sustainable energy technologies that may be used to meet future energy demands. |
| TECH 47211 | SUSTAINABLE ENERGY II 3 Credit Hours | (Slashed with TECH 57211) An in-depth study of the analysis, selection and implementation of various energy and power sources, with an emphasis on the use of renewable, sustainable energy systems. Focuses on determining energy needs, and on assessing and comparing energy systems with respect to efficiency, technical feasibility, available resources, cost and sustainability characteristics. Includes economics of energy systems, methods for determining costs, and cost-benefit analysis of various energy and power systems. Also includes the social, economic and environmental impact associated with the development, implementation and use of various forms of energy. |
| Undergraduate - Sustainability Inclusive | | |
| ACCT 23021 | Introduction to Managerial Accounting | (Equivalent to ACTT 11001) Introduction to managerial accounting concepts and tools that can be used to support decision-making in organizations. Includes coverage of cost systems, cost behavior, cost-volume-profit analysis, relevant costs and budgets. |
| ACCT 33061 | Financial Reporting Issues and Analysis | Financial analysis and interpretation of issues relative to the balance sheet, income statement and cash flow statement. Topics include assets, liabilities, owner's equity, inter-corporate investments, revenue and expense recognition and ratio analysis. Course may not be used to fulfill requirements in the Accounting major. |

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| ACCT 43031 | Income Taxation I | Introduction to Federal income tax for individual taxpayers. Detailed analysis recognition rules for individuals. Overview of tax rules related to entity choice for business owners. |
| ANTH 48280 | BEING HUMAN: SIGNS AND SYMBOLS 3 Credit Hours | An exploration of semiotic anthropology, the study of the production and communication of meaning through signs and symbols in human life, from both a humanistic and a scientific perspective. Special emphasis is on what it means to be human from a spatial as well as an evolutionary perspective as it relates to our sustainability crisis. The topic is crucial to our species, and to life on earth more generally, given the current globalization of modernity and the propagation of its non-sustainable definition of human being. |
| BSCI 10002 | LIFE ON PLANET EARTH (KBS) 3 Credit Hours | Explores the fascinating breadth of life on Earth including the unique ecology and survival strategies of animals, plants and microbes in their natural habitats. |
| BSCI 40368 | WETLAND ECOLOGY AND MANAGEMENT (ELR) 4 Credit Hours | (Slashed with BSCI 50368 and BSCI 70368) Lecture, laboratory and field study of the principles of wetland ecology including adaptations of the biota to environmental conditions, comparison among different wetland habitat types and habitat management. Lecture 3 hours, lab 3 hours weekly. |
| BSCI 40375 | ENVIRONMENTAL BIOLOGY AND MANAGEMENT 4 Credit Hours | (Slashed with BSCI 50375 and BSCI 70375) Introduction to current concepts in applied ecology and ecosystem management. Students will learn aspects of ecosystem management and restoration including: 1) how environmental factors affect organism survival and ecosystem structure, 2) how human impacts such as pollution, habitat fragmentation, introduction of invasive species affect ecosystems, and 3) the use of ecological principles and methods to restore and manage ecosystems. |
| BSCI 40525 | WILDLIFE RESOURCES (ELR) 3 Credit Hours | (Slashed with BSCI 50525 and BSCI 70525) Ecological parameters are discussed relative to the preservation and management of wild animal populations. Aesthetic, economic and environmental values are discussed. Lecture three hours weekly. |
| BUS 10123 | Exploring Business | An introduction to the basic areas of business with an integrated perspective on how the various areas work together. Technological competencies and communicative skills will be developed. Team building opportunities will be announced. This course is open to any major. This course should be taken sometime during student's first 30 semester hours. |
| CHEM 10030 | CHEMISTRY IN OUR WORLD (KBS) 3 Credit Hours | A course for non-science majors that utilizes environmental and consumer topics to introduce chemical principles and develop critical-thinking skills. |
| CHEM 10031 | CHEMISTRY IN OUR WORLD LABORATORY (KBS) (KLAB) 1 Credit Hour | Discovery-based experiments to introduce chemical principles and develop critical-thinking skills. A course for non-science majors; includes chemistry that is related to environmental and consumer issues. |
| CHEM 30105 | ANALYTICAL CHEMISTRY I 3 Credit Hours | Covers the fundamental theory, experimental methods, and applications of analytical chemistry principles in chemistry as well as other related disciplines such as life sciences and environmental science. It covers analytical measurements, experimental error, statistics, chemical equilibrium and titration, spectrometry as well as analytical separation techniques. |
| CIS 24165 | Cloud Computing Systems | This course explores the history, current state, and projected future of cloud approach to providing computing resources. Almost all new startups today use "the cloud" because it allows fast time to market, flexibility, and the ability to "test" new ideas and product offerings very quickly. Kent State even uses this approach for things like student email and Blackboard. Most existing companies realize the "cloud" is in their future; the goal of the course is to expose students to the knowledge they need to be able to help their future employers with cloud migration. |
| CMGT 41047 | FUNDAMENTALS OF INDUSTRIAL AND CONSTRUCTION HYGIENE 3 Credit Hours | Focuses on the environmental, community and occupational health issues within facilities and construction sites. Course provides the opportunity for students to recognize, evaluate and control occupational hazards. |
| DSCI 30410 | INFORMATION ETHICS AND SOCIAL RESPONSIBILITY 3 Credit Hours | Investigates ethical and social responsibility issues related to information technology including the application of ethical theories to information technology; potential tensions between ethical and legal norms as well as those between competing ethical values; professional codes of ethics; access and control of intellectual property; issues of privacy including those raised by the US Patriot Act; network security and user protections (e.g. viruses, protecting minors, cyberbullying); and the digital divide, outsourcing and green computing. |
| ECON 42081 | Urban Economics: Cities and Housing | Application of economic principles to urban spatial patterns, economic development and public policy in housing, transportation, pollution, welfare, etc. |
| ECON 42086 | Economics of Healthcare | Overall objective is to use economic analysis to understand and evaluate what has and is happening to the health care profession and current health care policies under consideration. Topics include issues such as Medicare, health care reform, HMOs and increasing costs in health care. |
| ECON 42191 | Senior Seminar in Economics | Advanced investigation of selected topics in economic analysis and issues in economic policy. |
| ENTR 27466 | Speaker Series in Entrepreneurship | Explores entrepreneurship based upon the experiences of a broad range of entrepreneurs. During the semester, at least eight entrepreneurs will share their paths in establishing a successful enterprise, including some of the obstacles and missteps they made along the way. This course is also offered in an online format. |
| ENTR 37080 | New Venture Creation | The process of formulating, planning and implementing a new venture. Apply the skills learned in the functional areas toward the goal of starting a business. Exposure to detailed descriptions of "how to" embark on a new venture in a logical manner. |

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| ENVS 30000 | ENVIRONMENTAL PROTECTION REGULATIONS AND ASSESSMENT 3 Credit Hours | (Cross-listed with PLST 30000) The Federal and State environmental regulations including the National Environmental Policy Act, the Clean Air Act, the Clean Water Act, Solid and Hazardous Waste regulations (RCRA) and the Superfund Legislation require the utilization of trained environmental professionals to conduct Environmental Site Assessments (ESAs). The focus of this course is to introduce students to the methods and approaches for conducting environmental research and study of industrial sites with respect to environmental policies and regulations. The enforcement of regulations utilize environmental professionals who serve in governmental agencies, work in private environmental companies that provide assessments and consultations for industries, and who are employed by industries that seek qualified employees to conduct assessments, and provide professional guidance for industrial regulatory compliance. |
| ENVS 42099 | INTEGRATIVE SENIOR PROJECT (ELR) (WIC) 2 Credit Hours | This is the capstone course for the Environmental Studies major. All students in this course will learn about methods of investigation and presentation in the area of Environmental Studies. The course will culminate in a major research project developed and written by each student. |
| ENVS 46092 | INTERNSHIP IN ENVIRONMENTAL STUDIES (ELR) 3-6 Credit Hours | Work experience in local, regional, and national agencies or companies designed to utilize and develop academic and professional skills. |
| EVHS 20001 | ENVIRONMENTAL LAW 3 Credit Hours | Emphasize civil, criminal and tort liability issues; procedural and constitutional requirements; and administrative codes, rules and regulations for fire, health, safety and environmental hazards. |
| EVHS 20004 | ENVIRONMENTAL HEALTH AND SAFETY I 3 Credit Hours | Examination of hazards assessment including organizational, environmental and disaster planning; health and safety inspection and reporting criteria; and first aid procedures. |
| EVHS 20008 | ENVIRONMENTAL SAFETY ADMINISTRATION 3 Credit Hours | Organization and operation of environmental safety unit; relationships with business governmental and community entities involved in environmental safety and hazards control. |
| EVHS 20092 | ENVIRONMENTAL TECHNOLOGY INTERNSHIP I (ELR) 3 Credit Hours | (Repeatable for credit) This on- or off campus experience gives students an opportunity to apply learned concepts in the classroom to practical environmental technology situations. |
| EVHS 21092 | ENVIRONMENTAL TECHNOLOGY INTERNSHIP II (ELR) 3 Credit Hours | (Repeatable for credit) This on-or off-campus experience gives students an opportunity to apply learned concepts in the classroom to practical environmental technology situations. |
| EVHS 22095 | SPECIAL TOPICS IN ENVIRONMENTAL HEALTH AND SAFETY 3 Credit Hours | (Repeatable for a total of 6 hours) Specialized instruction oriented primarily to application of current technology developed for the field of environmental technology. Course is repeatable as the specific topics will vary. |
| EVHS 22096 | INDIVIDUAL INVESTIGATION IN ENVIRONMENTAL HEALTH AND SAFETY 1-3 Credit Hours | (Repeatable for credit) Independent research of environmental technology topic supervised by an environmental technology faculty member. |
| FIN 26074 | Legal Environment of Business | Coverage of the nature, structure and significance of the legal and regulatory areas which confront business, with special emphasis on business ethics environmental and international issues. |
| FIN 26085 | Introduction to Financial Modeling | Introduces students to financial modeling using both basic and advanced features in Microsoft Excel. Students will learn how to create and analyze databases for portfolios and other projects. Students will learn commands for statistical analysis and financial functions. |
| FIN 46055 | Advanced Derivative Securities | Comprehensive analysis of derivatives securities markets and their role in the financial system. Valuation methods, advanced hedging, arbitration techniques and the regulatory environment. |
| FIN 46064 | International Business Finance | Management of the finance function of an international company, including foreign exchange exposure management, foreign investment, short term and long term capital management and international accounting and taxation. |
| FIN 46280 | Student Managed Investment Fund | This course is for Senior Officers in the Student Managed Investment Fund (SMIF). It examines the issues involved in the management and investment strategies of a portfolio of financial assets. It focuses on asset allocation, portfolio monitoring and evaluation, portfolio rebalancing, and investment analysis under the supervision of the instructor. Senior Officers are responsible for leading meetings, preparing and presenting the annual report, reviewing performance, making trades, monitoring risk, providing the economic report, and ensuring a smooth flow of operations. Oral presentations are required. Requires special permission from the department chair. Students in the Finance major or minor may repeat this course for a maximum of 6 credits. Course credits count toward general electives when taken for the first time. Course credits can count toward general electives or major electives if taken for the second time. |
| GAE 42003 | LEAN MANUFACTURING, SIX SIGMA AND OPERATIONS TECHNOLOGY 3 Credit Hours | Designed to provide a better understanding of the components and underlying philosophy of Theory of Constraints, Lean, and Six Sigma and how the elements and philosophies work together to support an companies operational plan. |
| GEOG 10160 | INTRODUCTION TO GEOGRAPHY (KSS) 3 Credit Hours | A broad introduction to the study of geographic patterns on Earth. Course describes and explains spatial patterns of human activity and environmental processes, as well as the interaction between these two realms. Topics include weather, climate, landforms, human-environment interactions, population, culture, economy and politics. |
| GEOG 17064 | GEOGRAPHY OF THE UNITED STATES AND CANADA (DIVD) (KSS) 3 Credit Hours | An overview of the differences and similarities within and between regions of the United States and Canada. Course focuses on social, economic, settlement and environmental patterns and processes. |

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| GEOG 46092 | INTERNSHIP IN GEOGRAPHY AND PLANNING (ELR) 3-6 Credit Hours | (Repeatable for credit) Pre-professional work experience in local, regional and environmental planning agencies and in business designed to utilize and develop academic skills. Registration into the course is competitive based on student's skills and interests and on number of positions available. |
| GEOG 49075 | GEOGRAPHIC INFORMATION SCIENCE: APPLICATIONS FOR SOCIAL PROBLEMS 3 Credit Hours | (Slashed with GEOG 59075 and GEOG 79075) Course provides a survey of geographic information system (GIS) and related mapping applications that are used to understand and solve a variety of social problems (e.g., crime, poor health and educational outcomes, exposure to environmental hazards). Through case studies, students learn spatial data acquisition, basic spatial analysis and forms of map-based visual communication to stakeholders and the general public. |
| GEOG 49078 | GEOGRAPHIC INFORMATION SCIENCE AND ENVIRONMENTAL HAZARDS 3 Credit Hours | (Slashed with GEOG 59078 and GEOG 79078) The study and management of natural hazards are inherently reliant on both physical and human processes and spatial patterns. Given the many variables involved and the variety of scales at which they operate, use of geographic information system (GIS) has become standard practice in research on hazards and in their management by government agencies at all levels. Students are exposed to a wide array of spatial data that is used in these activities, as well as standard mapping and spatial analysis procedures and forms of data dissemination. |
| GEOL 21062 | ENVIRONMENTAL EARTH SCIENCE (KBS) 3 Credit Hours | Application of Earth science to environmental problems, including natural resource extraction, water supply, pollution, waste disposal, landslides, floods and land use planning. Students take local field trips. |
| GEOL 41073 | GEOLOGY OF OHIO 3 Credit Hours | (Slashed with GEOL 51073) Minerals, rocks, fossils, structural geology, physiography, environmental geology and geologic resources. Required field trips. |
| GEOL 42074 | ENVIRONMENTAL CORE AND WELL LOGGING 3 Credit Hours | (Slashed with GEOL 52074) Examination of subsurface processes and the distribution of stratigraphic layers using core and well-logging techniques and based on analysis of physical properties of sediment, rock and pore fluids. Applications to paleoclimate, hydrogeology, engineering geology, oil and gas exploration and environmental remediation. |
| GEOL 43042 | ENVIRONMENTAL GEOCHEMISTRY 3 Credit Hours | (Slashed with GEOL 53042 and GEOL 73042) Explores chemical processes that influence the natural environment, including anthropogenic impacts. Topics include atmospheric chemistry and air pollution, energy and climate change, toxic organic compounds, water chemistry and water pollution, metals, soils, sediments and waste disposal. Environmental problem-solving using steady state and non-steady state box models, thermodynamics and energy transfer and chemical reactions and equilibria. Required half-day field trip. |
| GEOL 43043 | ENVIRONMENTAL MINERALOGY 3 Credit Hours | (Slashed with GEOL 53043) Explores reactions between minerals and aqueous solutions, focusing on their role in chemical weathering, contaminant mobility, microbe-mineral interactions and an understanding of mineral-water interface processes and mechanisms at the molecular level. Through a series of case studies, the course explores the societal impacts of environmental contaminants and the potential role of remediation. |
| GEOL 43043 | ENVIRONMENTAL MINERALOGY 3 Credit Hours | (Slashed with GEOL 53043) Explores reactions between minerals and aqueous solutions, focusing on their role in chemical weathering, contaminant mobility, microbe-mineral interactions and an understanding of mineral-water interface processes and mechanisms at the molecular level. Through a series of case studies, the course explores the societal impacts of environmental contaminants and the potential role of remediation. |
| GEOL 43044 | ENVIRONMENTAL ISOTOPES 3 Credit Hours | (Slashed with GEOL 53044 and GEOL 73044) Deals with the fundamentals of isotope geochemistry and the application of primarily light stable isotopes (H, O, C, N) to Earth system processes (involving the hydrosphere, biosphere and upper geosphere). |
| HED 42222 | ADULTING 101" SEVEN DIMENSIONS TO A HEALTHY ADULTHOOD 2 Credit Hours | The transition from college to post-college life can be uncertain. A design for the initial post-college years can alleviate the anxiety and stress that are often experienced. This course will examine issues related to a 7 dimensional model of health-financial, environmental, emotional, intellectual, physical, social, occupational-and apply those dimensions to a post-college life design process. |
| HM 23510 | QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY 3 Credit Hours | (Cross-listed with NUTR 23510) The application of management principles in quantity food production and service systems, including safety and sanitation; production forecasting and management; distribution; and service, commercial equipment and physical facilities. Introduction to inventory, recipe standardization and considerations of nutrition, quality and sustainability in quantity production. |
| HM 43030 | FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours | (Slashed with HM 53030)(Cross-listed with NUTR 43030 and NUTR 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources. |
| HRM 34180 | Human Resource Management | Focuses on the importance of the management of human resources for any organization, its employees, customers, shareholders, and the community where it is located. The topic helps students understand the important issues that derive from managing people at work and the changing environment organizations face. Students will learn the integral role human resources management plays to the success or failure of an organization. Both practical and theoretical perspectives are presented. |
| HRM 44183 | Developing and Training Human Resources | Course focus is quality training design, based upon theory and empirical research. Implications for practice and current challenges in employee training and development are also highlighted. |

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| HRM 44445 | Global Human Resource Management | The course examines the impact of internationalization and cross-cultural challenges on organizations, the factors involved in selecting and managing an international workforce, the evaluation of employee relations and employment law, and address issues such as employee training and development, expatriation-repatriation, performance management, and compensation issues, all from the perspective of managing an international organization. |
| HRM 44660 | Management and Compensation Systems | The course provides overview of the performance management process, examines various approaches to performance management, and discusses sources of performance management information. Also considers the nature of the compensation systems and pay system mechanics, as well as methods for recognizing employee contributions through compensation. |
| ID 14011 | INTRODUCTION TO INTERIOR DESIGN 1 Credit Hour | Introduction to a broad range of interior design issues including environmental, ecological, aesthetic, social, global, spatial, ethical and technical, and addresses the needs of the human being related to interior design practice. Students acquire knowledge and understanding of significant aspects in interior design and diverse options within the profession, which helps them to identify their career paths in interior design. |
| ID 24011 | METHODS AND MATERIALS I: BUILDING SYSTEMS 3 Credit Hours | Introduction to the principles of building construction and systems. Covers topics related to structural systems in buildings which include: floor, wall and roof systems; environmental comfort and sustainability; safety and security; HVAC; electrical; building control; and conveying systems, that influence and interact with interior design. Designed to advance the student to a higher level of understanding and competence in building technology for interior design. |
| ID 44001 | INTERIOR DESIGN STUDIO V- SPECIALIZED FOCUS AND POPULATIONS 5 Credit Hours | Structured to allow for a specialized focus on design problems that can occur based on current trends or issues that affect the built environment for varying populations. Environmental conditions and current and on-going specific design issues in the interior environment are utilized as problems for the course. |
| MGMT 24163 | Principles of Management | Introductory course in management and organizational design. The leading contributions in the area are reviewed and practical implications are developed. The course covers the principles that most management professors have come to expect in an introductory course: planning, organizing, leading, and controlling. In addition, the students need to be aware of critical issues managers must be aware of to succeed: diversity, globalization, ethics, technology, sustainability among them. The course serves as an introduction to many upper level business courses. |
| MGMT 34165 | Dynamics of Leadership | This course discusses management and leadership concepts and does so by blending theory and practice. The course uses case studies, practical application approaches, personal assessment and provides opportunities for students to develop individual and group leadership skills. In addition, many organizational behavior concepts are blended throughout the course. |
| MGMT 44062 | Supply Chain Management | Students learn the basic analytical tools needed to coordinate business operations across the value chain. Course involves hands-on coverage of supply chain management with emphasis on supplier partnering and development, customer relations management, strategic sourcing and pricing, e-business, measuring supply chain performance, mass customization, planning supply and demand coordination in the supply chain. |
| MGMT 44163 | Global Business Management | Provides an overview of contemporary issues and theoretical frameworks in the field of international strategic management using traditional lecture and practical application cases. |
| MGMT 44285 | Integrated Business Policy and Strategy | Integration of the functional areas of business in the formulation and implementation of policy. Projects and case analyses of business situations provide students with the opportunity to apply analytical and creative problem solving skills. |
| MKTG 25010 | Principle of Marketing | An overview of the processes, activities and problems associated with the conception, planning and execution of the pricing, promotion and distribution of ideas, goods and services to create exchange values in the market. |
| MKTG 35030 | Marketing Applications | Students learn and apply strategic and financial analysis skills to make real-world marketing decisions. Emphasis on marketing planning and core strategic decisions in marketing, including segmentation, targeting and positioning. |
| MKTG 45046 | Personal Selling | Introduces students to effective communication, successful selling and persuasion techniques, building customer relationships, ethics, the buying and selling process, and developing professional sales calls. |
| MKTG 45047 | Advanced Personal Selling | Builds on the foundation established in Personal Selling and Sales Management (MKTG 45046) by applying sales concepts, participating in live sales calls with Business Partner Company Sales Reps, spending highly focused time in role plays with immediate feedback from the instructors, interacting with guest speakers who are experts in sales, and studying advanced sales and persuasion techniques. Experiential course that requires some flexibility with scheduling for the shadow experiences. |
| MKTG 45060 | International Marketing | Examination of international marketing in terms of global markets and trade. Emphasizes differences among markets caused by geography, politics, economics, culture, commercial policy and trade practices. Periodically offered as an online course. |
| MMTG 38030 | Sales and Sales Management | Focuses on the fundamentals of selling and sales management with emphasis on persuasive communication and understanding others' perspectives to reach a "win-win" outcome. Incorporates sales management strategies and the planning and leadership skills of a sales manager. Students will engage in one-on-one role playing and simulated selling scenarios. |

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| NURS 44002 | GLOBAL HEALTH IMMERSION: GENEVA, SWITZERLAND 3 Credit Hours | (Slashed with NURS 54002) Participants explore a number of health concerns, policies, and challenges with global importance and implications. Students will investigate current global health policies and themes, and become familiar with experts in global health including governmental and nongovernmental organizations and multinational agencies. Presentation are given by experts currently working in various regions of the world to solve global problems such as HIV AIDS, post-war trauma, tuberculosis, and non-communicable disease prevention, and environmental contamination. |
| NUTR 23510 | QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY 3 Credit Hours | (Cross-listed with HM 23510) The application of management principles in quantity food production and service systems, including safety and sanitation; production forecasting and management; distribution; and service, commercial equipment and physical facilities. Introduction to inventory, recipe standardization and considerations of nutrition, quality and sustainability in quantity production. |
| NUTR 43030 | FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours | (Slashed with NUTR 53030)(Cross-listed with HM 43030 and HM 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources. |
| PH 10000 | EXPLORING CAREERS IN PUBLIC HEALTH 1 Credit Hour | Provides an overview of the diverse career opportunities available in the field. Explores various public health issues from the perspectives of public health professionals from the core disciplines in public health: social behavioral sciences, environmental health, health policy and management, epidemiology and biostatistics. Students learn about how public health professionals approach issues and the types of professional roles and activities they bring to addressing each issue. |
| PH 30006 | INTRODUCTION TO ENVIRONMENTAL HEALTH AND SAFETY 3 Credit Hours | Introduction: the environment at risk; environmental epidemiology, environmental toxicology, environmental policy and regulation, watershed management, safe drinking water, wastewater management, vector-born and zoonotic disease, air quality, solid and hazardous waste, food protection, radiation safety and injury prevention, occupational health and safety, total worker health, the built environment. |
| PH 30009 | ENVIRONMENTAL HEALTH AND SAFETY REGULATIONS AND POLICY 3 Credit Hours | Develops a framework for understanding the regulatory structure of environmental and occupational health and safety regulations and policy in the U.S. Federal, state, and local levels of government are reviewed as well as major agencies and regulations. |
| PH 30101 | SOLID AND HAZARDOUS WASTE MANAGEMENT 3 Credit Hours | Solid and hazardous waste programs and practices are explored. Pollution prevention, safety, sanitation practices, sustainability concepts, management, and regulations pertinent to solid and hazardous waste such as RCRA, are discussed and studied. Consumption, garbage handling, landfill design and disposal, sustainability concepts, reuse, recycling, composting and other waste strategies are presented. Hazardous waste and materials issues in the environment are introduced; such as HW disposal, TSD Facilities, underground storage tanks, "Superfund", brownfields and related issues. |
| PH 30105 | WATER AND WASTEWATER MANAGEMENT 3 Credit Hours | Explores the issues surrounding water pollution and human health, and the environmental treatment systems developed to provide safe water and sewage disposal. Private water and sewage systems and public water and sewage systems are studied. Federal and State regulations, including the Safe Drinking Water Act and Clean Water Act are reviewed. Field experiences are included. |
| PH 30106 | ENVIRONMENTAL TOXICOLOGY 3 Credit Hours | Basic toxicological principles applied to studies of environmental health are surveyed. Basic concepts of toxicological testing, dose response, animal and other models, dose curves, LD50's, risk assessment, threshold theories, classifications of harmful effects, environmental pathways, metabolism and elimination are reviewed. Biological effects and the effect of select toxins on body systems are reviewed. Major groups of toxins and their effects are reviewed. Toxin behavior in air, water, wastewater, soil and environmental media are studied. |
| PH 34001 | PUBLIC HEALTH INTERVENTIONS I 3 Credit Hours | Provides an overview of the planning and development of public health interventions including environmental, social, and behavioral public health issues from a social-ecological perspective, with attention to evidence-based, theoretical, and ethical approaches. |
| PH 34002 | PUBLIC HEALTH INTERVENTIONS II 3 Credit Hours | Provides an overview of public health intervention implementation, evaluation, and sustainability, with examples of public health interventions in practice and exploration into the future of public health interventions. |
| PH 40112 | INSTITUTIONAL AND RECREATIONAL ENVIRONMENTAL, OCCUPATIONAL HEALTH AND SAFETY 3 Credit Hours | Introduces the environmental and occupational health and safety issues unique to institutional settings and licensed facilities; such as, hospitals, nursing homes, K-12 schools, universities, R&D, correctional facilities, and childcare facilities; and in various recreational environments, such as swimming pools, spas, bathing beaches, marinas, campgrounds, playgrounds and natural areas. |
| PLST 30000 | ENVIRONMENTAL PROTECTION REGULATIONS AND ASSESSMENT 3 Credit Hours | The Federal and State environmental regulations including the National Environmental Policy Act, the Clean Air Act, the Clean Water Act, Solid and Hazardous Waste regulations (RCRA) and the Superfund Legislation require the utilization of trained environmental professionals to conduct Environmental Site Assessments (ESAs). The focus of this course is to introduce students to the methods and approaches for conducting environmental research and study of industrial sites with respect to environmental policies and regulations. The enforcement of regulations utilize environmental professionals who serve in governmental agencies, work in private environmental companies that provide assessments and consultations for industries, and who are employed by industries that seek qualified employees to conduct assessments, and provide professional guidance for industrial regulatory compliance. |

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| PLST 35001 | ENVIRONMENTAL LAW FOR PARALEGALS 3 Credit Hours | Acquaints the student with the various federal and state statutes, administrative rules and case law that govern environmental regulation. International environmental law is also studied. |
| POL 40620 | POLITICS OF SOCIAL MOVEMENTS (DIVD) 3 Credit Hours | Examines the role of social movements both in the United States and around the world. Focuses on labor, environmental, social justice and other initiatives in the push for political and economic democracy. North-South, public-private, labor-management and regional perspectives are emphasized. |
| PWS 13012 | BACKPACKING 2 Credit Hours | Trip planning and leadership, equipment and clothing selection, safety considerations, search and rescue, environmental ethics, map and compass, weekend backpacking trip. Student must supply equipment. |
| PWS 13022 | CAMPING 2 Credit Hours | Basic camping skills including: toolcraft, ropecraft, fire building, cooking, campsite management, equipment selection, safety considerations, environmental ethics, and map and compass for use on weekend trip. Students must supply own clothing and shelter. |
| RPTM 26081 | PRINCIPLES OF OUTDOOR RECREATION 3 Credit Hours | Introduction to outdoor recreation including historical and cultural perspectives, outdoor recreation resources, environmental aspects, trends and management. |
| SOC 42560 | SOCIOLOGY OF FOOD 3 Credit Hours | (Slashed with SOC 52560) Food is essential, but like every other aspect of our lives, the meaning of food and the experience of its preparation and consumption are socially determined. Course explores the social dimensions of food consumption and production. Students consider the following questions and answer them by developing an understanding of sociological concepts and theories: What do our meals reveal about us – about our history, culture, our gender and race and ethnicity, socio-economic status, religious beliefs and our family life? How does food consumption differ in different societies? How do the media and corporations influence our food choices? What does food mean symbolize and in what ways are these meanings manipulated and why? How is food production carried out in different contexts and what can we learn about the social organization of work from studying food production? How does what we eat contribute to local and global environmental problems? |
| SPAD 45024 | SPORT IN GLOBAL PERSPECTIVE 3 Credit Hours | (Slashed with SRM 55024) Course is designed to encourage students to critically analyze how sport relates to general features of globalization and to provide insight into the connection between global and local politics (including ethnic, religious, gender, environmental and sociospatial politics). The underlying assumption is that sport is part of a growing network of global inter-dependencies that bind human beings together. |
| TECH 43080 | INDUSTRIAL AND ENVIRONMENTAL SAFETY 3 Credit Hours | Examines the occupational safety and health act and fundamentals of industrial safety programs. |
| VCD 38011 | EDITORIAL PHOTOGRAPHY 3 Credit Hours | This course explores and develops the style and protocols unique to editorial photography. Exploring and understanding visual storytelling; research methods and techniques; differences between advertising, fine art and editorial photography. Course will emphasize multiple styles of editorial work including portraiture, environmental, fashion, studio and location assignments. The importance of design along with critical thinking skills in image creation along with discussion of locations, model releases, editing, captioning, etc. will also be covered. |
| Graduate - Sustainability Focused | | |
| ANTH 58220 | CULTURAL ECOLOGY AND SUSTAINABILITY 3 Credit Hours | Cross-listed with ANTH 48220) Exploration of the dynamic relationship between socio-cultural systems and the physical-biological environment through Anthropology's comparative perspective on the crucial contemporary need to foster a sustainable society. |
| CI 67240 I | INTRODUCTION TO ENVIRONMENTAL EDUCATION 3 Credit Hours | (Slashed with CI 77240) Survey course emphasizes current debates in environmental issues, exploring the interconnectedness of ecology, understanding the impact of culture and education on notions of environmental concerns, and how these ideas can be investigated within classroom contexts. The course is designed for teachers, science educators and other concerned citizens of the earth. |
| CI 77240 | INTRODUCTION TO ENVIRONMENTAL EDUCATION 3 Credit Hours | (Slashed with CI 67240) Survey course emphasizing current debates in environmental issues, exploring the interconnectedness of ecology, understanding the impact of culture and education on notions of environmental concerns, and how these ideas can be investigated within classroom contexts. The course is designed for teachers, science educators and other concerned citizens of the earth. |
| CMGT 67320 | APPLIED SUSTAINABILITY IN CONSTRUCTION MANAGEMENT 3 Credit Hours | Investigation of strategies and methods used by construction managers and others to assist in developing sustainable built environments. Course takes a close look at standards for environmentally sustainable construction and at the application of best management practices for construction activities. Focus is on LEED certification, international standards on environmental management systems and other established criteria, guidelines, standards and tools associated with green building. Provides an in-depth discussion and practical application of LEED assessment, guidelines and standards for various building sectors. Includes a major individual design project/case study involving research in green construction and design on a particular construction project, along with the application of LEED guidelines, assessment and methods to the project. |

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| EHS 53014 | BUILT ENVIRONMENT AND PUBLIC HEALTH 3 Credit Hours | The focus of this course is on preventing disease and injury while improving the health of populations by looking “upstream “ at the built environment or those settings designed, created, and maintained by human efforts. Public health effects of community design will be explored, including transportation, land use, parks and green space in the context of physical activity, food environments, air and water quality, injury prevention, social capital and health disparities. Components of healthy communities will be explored in the home, workplace, schools, and health care facilities. Students will examine strategies for creating sustainable health places consistent with the ecological model, through multidisciplinary collaboration, research, and policy to promote the health of populations. |
| EPI 73027 | BIOLOGICAL BASIS OF PUBLIC HEALTH 3 Credit Hours | Integrates the sciences of biology and molecular biology into the principles and practice of public health. Implicit in this course are learning objectives that establish the ecology of infectious disease, the impact of vaccines in disease prevention, and the role of environmental toxins on human health and disease. Additionally, students propose policy, regulations and legislation designed to protect human health within the realm of personalized medicine. |
| EPI 73033 | ENVIRONMENTAL EPIDEMIOLOGY 3 Credit Hours | Comprehensive course on concepts in environmental epidemiology and statistical methods in environmental epidemiology, including causal inference models. |
| FDM 65010 | SUSTAINABLE CONCEPTS AND PRACTICES IN THE FASHION INDUSTRY 3 Credit Hours | This course will discuss and examine the most current approaches to sustainability in fashion. The different facets, benefits or shortcomings of each approach will be analyzed with an eye to researching viable solutions to future practices in manufacturing, material selection, design and business. Course embeds practice-based approaches to sustainable development. |
| FDM 65055 | ENTREPRENEURIAL LEADERSHIP AND SUSTAINABILITY IN THE FASHION INDUSTRY 3 Credit Hours | This course will discuss the importance of the entrepreneurial leadership and innovation as competitive advantage in the fashion industry. Students will examine the conscious leadership concepts and principles from both small/medium enterprises and large corporations of the fashion industry. By applying conscious capitalism approach, the course will introduce more progressive and purposeful ways to advance sustainable practices to benefit all five stakeholders in the fashion industry - society, partners, investors, customers, and employees. |
| GEOG 51800 | GLOBAL ENVIRONMENTAL ISSUES 3 Credit Hours | (Slashed with GEOG 41800 and GEOG 71800) Course examines environmental belief systems and explores various perceptions of the Earth’s environment and its opportunities, constraints and risks. The goals of the course is twofold: (1) develop a framework to allow students to explore both their own relationship to the environment and to understand the sociocultural constructs that have informed their personal environmental beliefs; and (2) apply this knowledge to critically assess various stakeholder perspectives of specific environmental issues. |
| GEOG 52064 | SETTLING THE NORTH AMERICAN ENVIRONMENT 3 Credit Hours | (Slashed with GEOG 42064 and GEOG 72064) Course surveys the environmental changes of the North American continent brought about by Indigenous, European Colonial and American land use practices, from pre-Columbian times to present. Students engage with foundational historical narratives, evidence and methods for understanding these geographic pasts. Course is a combination of lectures and discussions of readings and in-class activities. |
| GEOG 56080 | URBAN SUSTAINABILITY 3 Credit Hours | (Slashed with GEOG 46080 and GEOG 76080) Provides an introduction to interdisciplinary perspectives on urban sustainability, focusing on environmental challenges caused by urbanization and the innovative ways urban dwellers seek to address those challenges. Course provides background on relevant disciplinary perspectives and their application to environmental challenge domains. |
| GEOG 71800 | GLOBAL ENVIRONMENTAL ISSUES 3 Credit Hours | (Slashed with GEOG 41800 and GEOG 51800) Course examines environmental belief systems and explores various perceptions of the Earth’s environment and its opportunities, constraints and risks. The goals of the course is twofold: (1) develop a framework to allow students to explore both their own relationship to the environment and to understand the sociocultural constructs that have informed their personal environmental beliefs; and (2) apply this knowledge to critically assess various stakeholder perspectives of specific environmental issues. |
| GEOG 72064 | SETTLING THE NORTH AMERICAN ENVIRONMENT 3 Credit Hours | (Slashed with GEOG 42064 and GEOG 52064) Course surveys the environmental changes of the North American continent brought about by Indigenous, European Colonial and American land use practices, from pre-Columbian times to present. Students engage with foundational historical narratives, evidence and methods for understanding these geographic pasts. Course is a combination of lectures and discussions of readings and in-class activities. |
| GEOG 76080 | URBAN SUSTAINABILITY 3 Credit Hours | (Slashed with GEOG 46080 and GEOG 56080) Provides an introduction to interdisciplinary perspectives on urban sustainability, focusing on environmental challenges caused by urbanization and the innovative ways urban dwellers seek to address those challenges. Course provides background on relevant disciplinary perspectives and their application to environmental challenge domains. |
| GEOL 74052 | GLACIERS AND GLACIATION 3 Credit Hours | (Cross-listed with GEOG 71052)(Slashed with GEOG 41052 , GEOG 51052 , GEOL 44052 , GEOL 55052) Examination of how glacial ice masses change the shape of the earth’s surface, how they are integral to climate and sea level change and how they pose high risk hazards. |

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| MGMT 54009 | Business Case for Sustainability | Lays the foundation for sustainable development and the balance issues between economic, social and environmental interests. It frames the business enterprise within the natural and social environments, and surveys a variety of intersection points and the challenges they pose. Systems thinking and long term perspective are used to understand the potential consequences of organizational choices regarding goals and strategies, given consideration of how the natural environment increasingly drives the business environment. |
| SRM 65047 | GLOBAL ISSUES OF TOURISM TRADE 3 Credit Hours | An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed. The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion. |
| TECH 57210 | SUSTAINABLE ENERGY I 3 Credit Hours | (Slashed with TECH 47210) A comprehensive overview of energy sources and energy systems, with an emphasis on renewable energy and the implementation and sustainability of various forms of energy. Examines the characteristics of conventional non-renewable energy systems, along with alternate, renewable energy sources and systems. Includes fundamental energy concepts and the conversion, delivery, distribution, and storage of energy. Explores the technological application of various sources of energy and compares their benefits and limitations. Also presents an overview of presents U.S. and global energy needs and demands, and the sustainable energy technologies that may be used to meet future energy demands. |
| TECH 57211 | SUSTAINABLE ENERGY II 3 Credit Hours | (Slashed with TECH 47211) An in-depth study of the analysis, selection and implementation of various energy and power sources, with an emphasis on the use of renewable, sustainable energy systems. Focuses on determining energy needs, and on assessing and comparing energy systems with respect to efficiency, technical feasibility, available resources, cost and sustainability characteristics. Includes economics of energy systems, methods for determining costs, and cost-benefit analysis of various energy and power systems. Also includes the social, economic, and environmental impact associated with the development, implementation, and use of various forms of energy. |
| TECH 67000 | SUSTAINABLE SYSTEMS AND TECHNOLOGY 3 Credit Hours | Introduction to the fundamental concepts and principles of sustainability, sustainable technologies and sustainable systems. Provides students with an understanding of the basic principles and key issues of environmental, social and economic sustainability. Closely examines sustainability as it applies to the relationships among human beings, technology and the environment, with a special emphasis on sustainability in the context of "meeting humanity's current needs." Also stresses the ethics and importance of sustainability and the use of sustainable systems. |
| TECH 67010 | ETHICS, TECHNOLOGY AND THE ENVIRONMENT 3 Credit Hours | Explores the fundamental issues of the interconnections between human beings and the environment, with an emphasis on the ethics and the importance of the sustainability. Takes an in-depth look at basic environmental concepts, ethics and values, as they relate to a wide range of practical subject matters, including technology, from global and national perspectives. Provides an in-depth look at sustainable systems and the ethical issues associated with sustainability as it relates to technology by focusing on common and future impacts as they apply to ethics, values and justice. |
| TECH 67220 | LIFE CYCLE DESIGN I 3 Credit Hours | An in-depth investigation of Life Cycle Design of sustainable systems. Explores the cradle to cradle path of products with an emphasis on system Life Cycle stages and processes from a sustainability perspective. Examines how environmentally conscious system design can be accomplished by considering the environmental impact of technology and engineering as the part of the sustainable design process. Includes the study of sustainable development with respect to Green Technologies, hazardous materials and processes and reducing the environmental impact of product development and utilization. Also includes an introduction to Life Cycle Assessment and various Environmental and Life Cycle standards. |
| TECH 67221 | LIFE CYCLE DESIGN II 3 Credit Hours | An in-depth study of environmental performance, environmentally conscious design and sustainable development. Focuses on Life Cycle Analysis and Assessment as a means to determine the potential economic, environmental, and ecological impact of products, processes, and activities across their entire life cycle. Takes a close look at the beneficial and detrimental effects of various technologies, materials, products and processes with special attention to the reduction of harmful effects to human beings, the ecosystem, and the environment. Covers the analysis and assessment of energy consumption, natural resource depletion, and environmental degradation, and ways to minimize detrimental effects on the environment. Includes the use of various life cycle engineering and assessment processes, models and analytical tools to identify, evaluate, and compare the environmental consequences associated with various products/activities, across a wide range of impact categories, to assist in design and decision making. |
| UD 65102 | URBAN SYSTEMS 1-3 Credit Hours | Introduction to urban systems in its socio-economic, environmental and engineering aspects: residential fabric, commercial sector, open space network, transportation systems, and infrastructures. |
| Graduate - Sustainability Inclusive | | |
| BSCI 50368 | WETLAND ECOLOGY AND MANAGEMENT 4 Credit Hours | (Cross-listed with BSCI 40368 and BSCI 70368) Lecture, laboratory and field study of the principles of wetland ecology including adaptations of the biota to environmental conditions, comparison among different wetland habitat types and habitat management. Lecture 3 hours lab 3 hours weekly. |

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| BSCI 50375 | ENVIRONMENTAL BIOLOGY AND MANAGEMENT 4 Credit Hours | (Cross-listed with BSCI 40375 and BSCI 70375) Introduction to current concepts in applied ecology and ecosystem management. Students will learn aspects of ecosystem management and restoration including: 1) how environmental factors affect organism survival and ecosystem structure, 2) how human impacts such as pollution, habitat fragmentation, introduction of invasive species affect ecosystems, and 3) the use of ecological principles and methods to restore and manage ecosystems. |
| BSCI 50525 | WILDLIFE RESOURCES 3 Credit Hours | (Cross-listed with BSCI 40525 and BSCI 70525) Ecological parameters are discussed relative to the preservation and management of wild animal populations. Aesthetic economic and environmental values are discussed. Lecture three hours weekly. |
| BSCI 70368 | WETLAND ECOLOGY AND MANAGEMENT 4 Credit Hours | (Cross-listed with BSCI 40368 and BSCI 50368) Lecture, laboratory and field study of the principles of wetland ecology including adaptations of the biota to environmental conditions, comparison among different wetland habitat types and habitat management. Lecture 3 hours, lab 3 hours weekly. |
| BSCI 70375 | ENVIRONMENTAL BIOLOGY AND MANAGEMENT 4 Credit Hours | (Cross-listed with BSCI 40375 and BSCI 50375) Introduction to current concepts in applied ecology and ecosystem management. Students will learn aspects of ecosystem management and restoration including: 1) how environmental factors affect organism survival and ecosystem structure, 2) how human impacts such as pollution, habitat fragmentation, introduction of invasive species affect ecosystems, and 3) the use of ecological principles and methods to restore and manage ecosystems. |
| BSCI 70525 | WILDLIFE RESOURCES 3 Credit Hours | (Cross-listed with BSCI 40525 and BSCI 50525) Ecological parameters are discussed relative to the preservation and management of wild animal populations. Aesthetic economic and environmental values are discussed. Lecture three hours weekly. |
| COMM 65766 | COMMUNICATION IN A GLOBAL SOCIETY 3 Credit Hours | Overview of, analysis of, and critical reflection on topics and issues related to globalization, largely from a communication perspective yet drawing from other disciplines, and including topics such as framing and narratives of globalization and fragmentation, images of national and "civilizational" identity, discourses of marketization and consumerism, organizational communication dynamics of "the anti-globalization movement" and "globalization from below," definitions and frameworks of security, symbols of war and peace, debates over corporate social responsibility, frames of environmental sustainability, the roles of new media in alternative organizational and institutional formation, and understanding global problems in terms of communication networks. Contributes to the core curriculum for the global communication concentration in the MA program in COMM. Open to PhD students in CCI, plus other masters students within CCI. |
| COMM 85766 | COMMUNICATION IN A GLOBAL SOCIETY 3 Credit Hours | Overview of, analysis of, and critical reflection on topics and issues related to globalization, largely from a communication perspective yet drawing from other disciplines, and including topics such as framing and narratives of globalization and fragmentation, images of national and "civilizational" identity, discourses of marketization and consumerism, organizational communication dynamics of "the anti-globalization movement" and "globalization from below," definitions and frameworks of security, symbols of war and peace, debates over corporate social responsibility, frames of environmental sustainability, the roles of new media in alternative organizational and institutional formation, and understanding global problems in terms of communication networks. Open to graduate students in and outside the College of Communication and Information who are interested in international dimensions of communication. |
| ECON 52081 | Urban Economics: Cities and Housing | Application of economic principles to urban spatial patterns, economic development and public policy in housing, transportation, pollution, welfare, etc. |
| ECON 52086 | Economics of Healthcare | Overall objective is to use economic analysis to understand and evaluate what has and is happening to the health care profession and current health care policies under consideration. Topics include issues such as Medicare, health care reform, HMOs and increasing costs in health care. |
| EHS 50196 | INDIVIDUAL INVESTIGATION IN ENVIRONMENTAL HEALTH SCIENCES 1-3 Credit Hours | (Repeatable for maximum 6 credits) Individual graduate investigation or research in areas related to environmental health sciences. |
| EHS 52018 | ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH 3 Credit Hours | Provides a comprehensive overview of the core topics in environmental health as related to public health. |
| EHS 53009 | EMERGING ENVIRONMENTAL HEALTH ISSUES AND RESPONSE 3 Credit Hours | Provides an overview of emerging environmental health issues that will impact the public's health. |
| EHS 60191 | VARIABLE CONTENT SEMINAR IN ENVIRONMENTAL HEALTH SCIENCES 1-3 Credit Hours | (Repeatable for a maximum of 6 credit hours) Seminar on current and important topics in environmental health sciences. Subject matter varies depending on the topic. |
| EHS 60192 | PRACTICUM EXPERIENCE IN ENVIRONMENTAL HEALTH SCIENCES 3,6 Credit Hours | Observational and participation in public health activities of a public health agency, hospital or other approved organization. Students complete the field experience with joint supervision from the university and approved organization or agency. |
| EHS 60195 | SPECIAL TOPICS IN ENVIRONMENTAL HEALTH SCIENCES 1-3 Credit Hours | (Repeatable for a maximum of 6 credit hours) Special topics to sample new offerings on topics in environmental health sciences. |
| EHS 63010 | APPLIED RISK ASSESSMENT 3 Credit Hours | Introduces the student to environmental and occupational hazards, assessing the risks associated with hazard exposure. Standard principles of risk assessment are emphasized including methods of hazard identification and regulation, quantitative exposure measurement, dose and toxicity relationships and risk management. Analysis of public policy regulatory guidance and health advisory watchdog recommendations are evaluated. |

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| EHS 63011 | APPLICATION OF RISK ANALYSIS IN ENVIRONMENTAL HEALTH 3 Credit Hours | Students are introduced to methods in risk analysis that are applied by U.S. federal, state, and local agencies in their assessment of chemical toxicants. Linkages between risk assessment, risk management, and risk communication will be studied as components of this process, along with issues and controversies in the analysis of environmental health risks. |
| EMBA 67085 | Executive Policies and Planning | The course concentrates on the determination of corporate strategy in the business firm and its implementation through appropriate organizational arrangements and procedures. |
| EMBA 67091 | Seminar in Executive Skills Develop | A series of seminars developing managerial skills such as communications, leadership teamwork project and time management etc. Offered primarily in first year of program. |
| EMBA 67084 | MULTINATIONAL BUSINESS MANAGEMENT-EMBA 2 Credit Hours | The course covers the management of multinational corporations, including environmental and cultural aspects and the financial marketing production and personnel functions of international operations. |
| FIN 56055 | Advanced Derivative Securities | Comprehensive analysis of derivatives securities markets and their role in the financial system. Valuation methods, advanced hedging, arbitration techniques and the regulatory environment. |
| FIN 56280 | Student Managed Investment Fund | This course is for Senior Officers in the Student Managed Investment Fund (SMIF). It examines the issues involved in the management and investment strategies of a portfolio of financial assets. It focuses on asset allocation, portfolio monitoring and evaluation, portfolio rebalancing, and investment analysis under the supervision of the instructor. Senior Officers are responsible for leading meetings, preparing and presenting the annual report, reviewing performance, making trades, monitoring risk, providing the economic report, and ensuring a smooth flow of operations. Oral presentations are required. Requires special permission from the department chair. Students in the Finance major or minor may repeat this course for a maximum of 6 credits. Course credits count toward general electives when taken for the first time. Course credits can count toward general electives or major electives if taken for the second time. |
| FIN 66050 | Law and Ethics | This course is an overview of laws and regulations with related ethical impacts affecting business management. |
| FIN 66063 | FINANCIAL MARKETS AND INSTITUTIONS 3 Credit Hours | (Cross-listed with FIN 76063) Study of money and capital markets and institutions and their managerial and environmental problems, including regulation and supervision by government. |
| FIN 66064 | INTERNATIONAL FINANCIAL MANAGEMENT 3 Credit Hours | (Cross-listed with FIN 76064) Problems facing financial management of multinational firms including environmental problems, organizing for optimal results, sources and uses of funds, accounting, tax and control problems. |
| FIN 76064 | INTERNATIONAL FINANCIAL MANAGEMENT 3 Credit Hours | (Cross-listed with FIN 66064) Problems facing financial management of multinational firms including environmental problems, organizing for optimal results, sources and uses of funds, accounting, tax and control problems. |
| GEOG 51195 | SPECIAL TOPICS IN ENVIRONMENTAL GEOGRAPHY 1-3 Credit Hours | (Repeatable for a maximum 10 times)(Slashed with GEOG 41195 and GEOG 71195) Topics vary per course offering. |
| GEOG 56092 | INTERNSHIP IN GEOGRAPHY AND PLANNING 3-6 Credit Hours | (Repeatable for credit) Pre-professional work experience in local, regional and environmental planning agencies and private business designed to utilize and develop academic skills. |
| GEOG 59075 | GEOGRAPHIC INFORMATION SCIENCE: APPLICATIONS FOR SOCIAL PROBLEMS 3 Credit Hours | (Slashed with GEOG 49075 and GEOG 79075) Course provides a survey of geographic information system (GIS) and related mapping applications that are used to understand and solve a variety of social problems (e.g., crime, poor health and educational outcomes, exposure to environmental hazards). Through case studies, students learn spatial data acquisition, basic spatial analysis and forms of map-based visual communication to stakeholders and the general public. |
| GEOG 59078 | GEOGRAPHIC INFORMATION SCIENCE AND ENVIRONMENTAL HAZARDS 3 Credit Hours | (Slashed with GEOG 49078 and GEOG 79078) The study and management of natural hazards are inherently reliant on both physical and human processes and spatial patterns. Given the many variables involved and the variety of scales at which they operate, use of geographic information system (GIS) has become standard practice in research on hazards and in their management by government agencies at all levels. Students are exposed to a wide array of spatial data that is used in these activities, as well as standard mapping and spatial analysis procedures and forms of data dissemination. |
| GEOG 69079 | ENVIRONMENTAL GEOGRAPHIC INFORMATION SCIENCE 3 Credit Hours | GPS and environmental spatial data are commonly used in a variety of management and assessment plans in fields related to environmental science to achieve effective decision making and environmental resource management. Course focuses on techniques used to process, manage, visualize and analyze environmental data using GIS. Students learn how to collect and process GPS and online sources of geospatial data and how to employ techniques such as suitability modeling, measuring distributions and calculating landscape metrics. |
| GEOG 69231 | ENVIRONMENTAL REMOTE SENSING 3 Credit Hours | Introduction to the basic principles of environmental remote sensing, including the electromagnetic spectrum, spectral properties of Earth objects, aerial photograph analysis and interpretation and satellite image analysis and interpretation. Special focus will be on environmental applications, especially as they pertain to understanding vegetation, water, and land use mapping and impacts. |
| GEOG 71195 | SPECIAL TOPICS IN ENVIRONMENTAL GEOGRAPHY 1-3 Credit Hours | (Repeatable for a maximum 10 times)(Slashed with GEOG 41195 and GEOG 51195) Topics vary per course offering. |

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| GEOG 79075 | GEOGRAPHIC INFORMATION SCIENCE: APPLICATIONS FOR SOCIAL PROBLEMS 3 Credit Hours | (Slashed with GEOG 49075 and GEOG 59075) Course provides a survey of geographic information system (GIS) and related mapping applications that are used to understand and solve a variety of social problems (e.g., crime, poor health and educational outcomes, exposure to environmental hazards). Through case studies, students learn spatial data acquisition, basic spatial analysis and forms of map-based visual communication to stakeholders and the general public. |
| GEOG 79078 | GEOGRAPHIC INFORMATION SCIENCE AND ENVIRONMENTAL HAZARDS 3 Credit Hours | (Slashed with GEOG 49078 and GEOG 59078) The study and management of natural hazards are inherently reliant on both physical and human processes and spatial patterns. Given the many variables involved and the variety of scales at which they operate, use of geographic information system (GIS) has become standard practice in research on hazards and in their management by government agencies at all levels. Students are exposed to a wide array of spatial data that is used in these activities, as well as standard mapping and spatial analysis procedures and forms of data dissemination. |
| GEOL 51073 | GEOLOGY OF OHIO 3 Credit Hours | (Slashed with GEOL 41073) Minerals, rocks, fossils, structural geology, physiography, environmental geology and geologic resources. Required field trips. |
| GEOL 52074 | ENVIRONMENTAL CORE AND WELL LOGGING 3 Credit Hours | (Slashed with GEOL 42074) Examination of subsurface processes and the distribution of stratigraphic layers using core and well-logging techniques and based on analysis of physical properties of sediment, rock and pore fluids. Applications to paleoclimate, hydrogeology, engineering geology, oil and gas exploration and environmental remediation. |
| GEOL 53042 | ENVIRONMENTAL GEOCHEMISTRY 3 Credit Hours | (Slashed with GEOL 43042 and GEOL 73042) Explores chemical processes that influence the natural environment, including anthropogenic impacts. Topics include atmospheric chemistry and air pollution, energy and climate change, toxic organic compounds, water chemistry and water pollution, metals, soils, sediments and waste disposal. Environmental problem-solving using steady state and non-steady state box models, thermodynamics and energy transfer and chemical reactions and equilibria. Required half-day field trip. |
| GEOL 53043 | ENVIRONMENTAL MINERALOGY 3 Credit Hours | (Slashed with GEOL 43043) Explores reactions between minerals and aqueous solutions, focusing on their role in chemical weathering, contaminant mobility, microbe-mineral interactions and an understanding of mineral-water interface processes and mechanisms at the molecular level. Through a series of case studies, the course explores the societal impacts of environmental contaminants and the potential role of remediation. |
| GEOL 53044 | ENVIRONMENTAL ISOTOPES 3 Credit Hours | (Slashed with GEOL 43044 and GEOL 73044) Deals with the fundamentals of isotope geochemistry and the application of primarily light stable isotopes (H, O, C, N) to Earth system processes (involving the hydrosphere, biosphere and upper geosphere). |
| GEOL 62068 | ADVANCED HYDROGEOLOGY 3 Credit Hours | (Slashed with GEOL 72068) Quantitative approach to occurrence of ground water; methods of investigation, evaluation and development of ground water resources emphasizing optimization and maximal exploitation without environmental changes. |
| GEOL 64038 | PALEOLIMNOLOGY 3 Credit Hours | (Slashed with GEOL 74038) An overview of significant topics and applications in paleolimnology of Holocene (last 10,000 years) and Pleistocene (last two million years) records, including current issues in environmental and climatic reconstruction. Extensive reading expected. |
| GEOL 72068 | ADVANCED HYDROGEOLOGY 3 Credit Hours | (Slashed with GEOL 62068) Quantitative approach to occurrence of ground water; methods of investigation evaluation and development of ground water resources emphasizing optimization and maximal exploitation without environmental changes. |
| GEOL 73042 | ENVIRONMENTAL GEOCHEMISTRY 3 Credit Hours | (Slashed with GEOL 43042 and GEOL 53042) Explores chemical processes that influence the natural environment, including anthropogenic impacts. Topics include atmospheric chemistry and air pollution, energy and climate change, toxic organic compounds, water chemistry and water pollution, metals, soils, sediments and waste disposal. Environmental problem-solving using steady state and non-steady state box models, thermodynamics and energy transfer and chemical reactions and equilibria. Required half-day field trip. |
| GEOL 73044 | ENVIRONMENTAL ISOTOPES 3 Credit Hours | (Slashed with GEOL 43044 and GEOL 53044) Deals with the fundamentals of isotope geochemistry and the application of primarily light stable isotopes (H, O, C, N) to Earth system processes (involving the hydrosphere, biosphere and upper geosphere). |
| GEOL 74038 | PALEOLIMNOLOGY 3 Credit Hours | (Slashed with GEOL 64038) An overview of significant topics and applications in paleolimnology of Holocene (last 10,000 years) and Pleistocene (last two million years) records, including current issues in environmental and climatic reconstruction. Extensive reading expected. |
| HM 53030 | FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours | (Slashed with HM 43030) (Cross-listed with NUTR 43030 and NUTR 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources. |
| HPM 53010 | COMMUNITY HEALTH NEEDS ASSESSMENT 3 Credit Hours | This course covers concepts and methods relevant to community health needs assessment, such as systems thinking, the use of quantitative and qualitative methods, primary and secondary data, and the role of community assessment in current national policy, including the Affordable Care Act and on community health improvement. Students will draw from multiple disciplines to assess health status and its determinants (social, behavioral, and environmental), needs for health services, and the capacity and resources of the local community. Students will also learn to facilitate and evaluate the use of data for decision-making by partnerships, organizations and policy makers. |

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| HPM 64002 | GLOBAL HEALTH IMMERSION: GENEVA, SWITZERLAND 3 Credit Hours | (Slashed with HPM 84002) Participants explore a number of health concerns, policies and challenges with global importance and implications. Students investigate current global health policies and themes, and become familiar with the major players in global health including governmental and nongovernmental organizations and multinational agencies. Presentations are given by experts currently working in various regions of the world to solve such pressing global problems as HIV/AIDS, post-war trauma, tuberculosis, refugee health, non-communicable disease prevention and environmental contamination. |
| HPM 84002 | GLOBAL HEALTH IMMERSION: GENEVA, SWITZERLAND 3 Credit Hours | (Slashed with HPM 64002) Participants explore a number of health concerns, policies and challenges with global importance and implications. Students investigate current global health policies and themes, and become familiar with the major players in global health including governmental and nongovernmental organizations and multinational agencies. Presentations are given by experts currently working in various regions of the world to solve such pressing global problems as HIV/AIDS, postwar trauma, tuberculosis, refugee health, noncommunicable disease prevention and environmental contamination. |
| LIS 60704 | THE MUSEUM SYSTEM 3 Credit Hours | (Slashed with LIS 80704) Museums are by their very nature complex and dynamic systems composed of people, objects and activities. Comprised of an "outer" subsystem and an "inner" subsystem, the museum as a whole functions as an organic body, with all of its parts working together to function successfully. This system exists within a larger landscape, one filled increasingly with new types of interactions, unlimited access and constant feedback. This course explores this holistic system from both practical and conceptual viewpoints, examining the role of administration throughout the system as well as considering current issues such as sustainability, advocacy and relationships with community and users add to an overall understanding of the museum system. |
| LIS 80704 | THE MUSEUM SYSTEM 3 Credit Hours | (Slashed with LIS 60704) Museums are by their very nature complex and dynamic systems composed of people, objects and activities. Comprised of an "outer" subsystem and an "inner" subsystem, museum as a whole functions as an organic body, with all of its parts working together to function successfully. This system exists within a larger landscape, one filled increasingly with new types of interactions, unlimited access, and constant feedback. This course explores this holistic system from both practical and conceptual viewpoints, examining the role of administration throughout the system as well as considering current issues such as sustainability, advocacy and relationships with community and users add to an overall understanding of the museum system. |
| MIS 54183 | Developing and Training Human Re | Course focus is quality training design, based upon theory and empirical research. Implications for practice and current challenges in employee training and development are also highlighted. |
| MIS 54445 | Global Human Resource Managem | The course examines the impact of internationalization and cross-cultural challenges on organizations, the factors involved in selecting and managing an international workforce, the evaluation of employee relations and employment law, and address issues such as employee training and development, expatriation-repatriation, performance management, and compensation issues, all from the perspective of managing an international organization. |
| MIS 64158 | Leadership and Managerial Assessr | Students develop an understanding of the leadership process. Through critical thinking, class discussions and class activities, they build skills in leading others, leading themselves, and teamwork. |
| MIS 64185 | Business Strategy | Integrative approach to the study of policy formulation and implementation. Formalized planning systems reviewed; case analysis of actual business situations helps student further develop analytical and communication skills. |
| MIS 64026 | GLOBAL SUPPLY CHAIN MANAGEMENT AND SUSTAINABLE STRATEGIES 3 Credit Hours | Introduces the knowledge base needed to coordinate business operations across global supply chains. Addresses how to integrate traditional business operations so as to align them in support of inter-firm collaboration required to compete globally. Investigates specific topics relevant to supply chain management and offers a managerial orientation towards supporting global supply chain operations. Immerses students into responsible supply chain practices around the globe with strong emphasis and orientation towards sustainable (green) supply chains. |
| NURS 54002 | GLOBAL HEALTH IMMERSION: GENEVA, SWITZERLAND 3 Credit Hours | (Slashed with NURS 44002) Participants explore a number of health concerns, policies and challenges with global importance and implications. Students investigate current global health policies and themes, and become familiar with experts in global health including governmental and nongovernmental organizations, and multinational agencies. Presentations are given by experts working in various regions of the world to solve global problems such as HIV/AIDS, post-war trauma, tuberculosis, refugee health, non-communicable disease prevention, and environmental contamination. |
| NURS 70685 | HEALTHCARE FINANCE AND ECONOMIC POLICY 3 Credit Hours | Students will gain an understanding of healthcare finance, economics and policy on healthcare delivery systems. The impact of current healthcare laws-policies (Affordable Care Act, HCAHPS, and other care delivery and reimbursement strategies) will be discussed. The DNP prepared nurses' role in patient advocacy and policy development will be discussed. Student will gain an understanding of cost-benefit analyses and creating budgets to support the design, implementation and sustainability of healthcare delivery initiatives. |
| NUTR 53030 | FOOD SERVICE SYSTEMS MANAGEMENT 3 Credit Hours | (Slashed with NUTR 43030)(Cross-listed with HM 43030 and HM 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources. |

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| SOC 52560 | SOCIOLOGY OF FOOD 3 Credit Hours | (Cross-listed with SOC 42560) Food is essential, but like every other aspect of our lives, the meaning of food and the experience of its preparation and consumption are socially determined. Course explores the social dimensions of food consumption and production. Students consider the following questions and answer them by developing an understanding of sociological concepts and theories: What do our meals reveal about us – about our history, culture, our gender and race and ethnicity, socio-economic status, religious beliefs and our family life? How does food consumption differ in different societies? How do the media and corporations influence our food choices? What does food mean symbolize and in what ways are these meanings manipulated and why? How is food production carried out in different contexts and what can we learn about the social organization of work from studying food production? How does what we eat contribute to local and global environmental problems? |
| SRM 55024 | SPORT IN GLOBAL PERSPECTIVE 3 Credit Hours | (Slashed with SPAD 45024) Course is designed to encourage students to critically analyze how sport relates to general features of globalization and to provide insight into the connection between global and local politics (including ethnic, religious, gender, environmental and sociospatial politics). The underlying assumption is that sport is part of a growing network of global inter-dependencies that bind human beings together. |
| SRM 65041 | TOURISM AND HOSPITALITY REVIEW 3 Credit Hours | Reviews academic tourism and hospitality literature to provide students with a theoretical and empirical understanding of the tourism phenomenon. Issues include tourist motivations; the social, cultural and environmental impacts of tourism; tourism and development; and the impact of hospitality services on tourism. |