

School of Sciences and Humanities

International Development

ENG-0111: Academic Writing

Total Hours: 64 Credits: 4

Students will develop the ability to skillfully apply formal critical writing, and basic research to essay and paper development in this introductory class. The abilities of essay and paper development, use of advance research information sources, and application of different formats and styles will be the central focus in this introductory class. Moreover, detailed examination is placed on topics such as grammar, formal English, Plagiarism, and APA format. Academic honesty and use of information technology is emphasized in this theoretic practical course. Academic writing is a key class and is related to all other classes in the study plan. This class has no prerequisites. However, it cannot be taken simultaneously with Professional Communications.

MATH-0111: Pre-calculus

Total Hours: 64 Credits: 4

Students will develop the ability to work with algebraic functions, their graphs, and exponential and logarithmic functions in this introductory class. The course is designed around mathematical application to business and economic problem-solving through the use of hypothetical examples. The course begins with a review of the more complex concepts of Algebra. A special stress is placed on linear and quadratic equations. Students receive special reinforcement in inequalities with absolute values. The final unit emphasizes linear programming. Pre-calculus serves as prerequisite for Calculus, Statistics, and Quantitative Analysis. This class has no prerequisites.

PHIL-0111: Philosophy

Total Hours: 48 Credits: 3

Students will develop the ability to critically-creatively think and apply their thinking to problem-solving in this introductory class. The course is design to open up the mind, introduce new concepts, and use the Socratic Method in meeting unanswerable questions. This theoretic practical course studies the essential themes of philosophical inquiry with an emphasis on the key thinkers from the ancient and modern periods. Topics include: rationalist and empiricist views of reality and knowledge; theories of truth, absolutism vs. Relativism; God, faith and reason, the problem of evil; selfhood, person and identity; consciousness and mind/body issue; freedom and determinism; ethics and morality; politics, justice and individual vs. Group rights; art and aesthetics. Philosophy is a key class and is related to all other classes in the study plan. This class has no prerequisites.

GEO-0111: World Geography

Total Hours: 48 Credits: 3

Students will develop the ability to distinguish among different cultures, locate all nations and major cities in the world, locate major human-made and natural landmarks in the world, and have through knowledge of natural and human resource distribution in the globe in this introductory class. This theoretic practical class studies the world map emphasizing political, natural divisions, and landmarks. Each country is studied using a holistic anthropological approach that integrates knowledge on regional and national resources, history and culture, politics and international relations, and contemporary issues each nation faces. World Geography is related to all other classes in the study plan, especially history classes. This class has no prerequisites.

NSCI-0111: Ecology - Total Hours: 48 Credit: 3

Students will develop a deep understanding of biomes, land and aquatic ecosystems, the efficiency of living things, and how these are impacted by the environmental crisis. This class explores environmentalism and ecology as both a theoretical and practical system. Students examine the relationship of populations, communities, and resources through time and space. Ecological topics affecting environmental economics, legislation, and policy are addressed. Ecology is closely related to Environment and Natural Resources. This introductory class has no prerequisites.

ENG-0121: Professional Communications

Total Hours: 64 Credits: 4

Students will refine the grammatical, spelling, vocabulary, and stylistic skills necessary for effective writing in the business environment. Moreover, students will be able to complete the professional formal report at many different levels of formality, Power Point construction, and presentation in this introductory course. This theoretic practical class is a comprehensive study of the role of written communication in business and management contexts designed to focus on standard format of writing and presenting information. There is an introduction to proper form including issues such as tone, brevity, manner, style and impact of correspondence. Professional Communication is a key class and is related to all classes in the study plan. This class has no prerequisites. However, it cannot be taken simultaneously with Academic Writing.

MATH-0121: Calculus -Total Hours: 64 Credits: 4

Students will develop the ability to work with derivatives, relate them to a rate of change, and understand differentiation leading to differentiation of exponential logarithmic functions. They explore limits and continuity, interest applied continuously and continuity applied to inequalities. This course finishes with integration and methods of application of integration. As in Pre-calculus, there is a balance between the theory and practical application as applied in business and economics. Calculus is a key class related to all accounting classes. **Prerequisite: Pre-calculus**

SOC-0121: Sociology - Total Hours: 48 Credits: 3

Students will develop the ability to understand the sociological perspective; the cultural context of social life; socialization and gender; and, social groups and social structures with a particular emphasis on power relationships in this introductory course. They will also apply research skills to the social context. This theoretical class examines topics such as deviance and social control, social inequality, social institutions and social change. Students are introduced to major contemporary social problems and discuss possible solutions. Sociology is related to all classes in the study plan. This class has no prerequisite.

**HIST-0121: World Civilization History
Total Hours: 48 Credits: 3**

Students will develop the ability to apply historical knowledge as learned lessons when confronting contemporary issues. Similarly, students will learn to ground better understanding of the contemporary world today. This theoretical course aims to provide a universal perspective on the development of civilization up to 1650 and to study the people and values shaping the world. This introductory class is an integral approach to world history. World Civilization History is related to all classes in the study plan. This class has no prerequisites.

**IT-0121: Information Literacy
Total Hours: 64 Credits: 4**

Students will be able to familiarize themselves with different sources of information in the contemporary world and widen and deepen their knowledge of contemporary issues. They will practice key basic skills in the areas of research, and public speaking in this introductory class. This practical course concentrates on developing symbiotic skills needed to be information literate. It first familiarizes students with the contemporary sources of information and research techniques. Moreover, the class introduces students to basic usage of national and international newspapers, magazines, professional journals, and other information sources. Contemporary topics of interests will be addressed and discussed in class. Basic skills such as reading and writing, critical thinking, information application, and debate will be reinforced. This class has no prerequisites.

IT-0221: Creative Thinking Lab

Total Hours: 48 Credits: 3

Students will be able to develop and unleash creativity as applied to their professional fields and lives. This practical course concentrates on knowledge application for problem-solving and innovation. The development of collateral thinking will be the focus of class activities. The course introduces APPS application, professional tools, case studies, and mental exercises where critical thinking is enhanced. This class has no prerequisites.

POLS-0211: Comparative Political Systems

Total Hours: 48 Credits: 3

Students will be able to understand the different types and styles of government around the world today. They will also be able to objectively critique the different characteristics of each and understand contemporary developments around the world. This theoretic course aims to provide a basic introduction to concepts and substance of political systems. Students compare between ideology, political structure, and political behavior. The class peruses the articulation of political interests groups, group decision-making, and regime types. Comparative Political Systems serves as prerequisite for: Political Economy, History of Political Thought, History of Modern Political Thought, Law among Nations, Social and Political Philosophy, International Political Economy, International Organizations & Treaties, and Government in the Economy. This class has no prerequisites.

ECON-0211: Microeconomics - Total Hours: 64 Credits: 4

Students will develop the ability to understand the forces of Supply and Demand; the impact of government taxing and spending policies on the firm; and the interplay of government and the private sector relative to spillover costs and benefits. Students will skillfully manage concepts of international trade as it relates to small and large entities and the impact of globalization. This theoretic practical course introduces the microeconomics of product and markets exploring price elasticity, consumer behavior and utility maximization. This leads into long and short run production costs; and compare and contrasts the price and output determinations of pure competition; monopolistic competition; and, monopoly and oligopoly in both product and resource markets. The course extensively utilizes the Internet and conducts research using local resources. Microeconomics is a key class and is a prerequisite for: International Economics, Comparative Economic Systems, Political Economy, and Contemporary Economic Challenges. This class has no prerequisites.

MATH-0211 Statistics - Total Hours: 64 Credits: 4

Students will develop the ability to apply statistics in business and economics.

This is an introductory course in the fundamental of modern statistical methods. Topics include descriptive statistics, probability, random sampling, and test of hypothesis, estimation, simple linear regression, and correlation. Statistics is theoretic practical class serves as prerequisite for Research Methods. **Prerequisite: Pre-calculus**

HIST-0222: 20-21st Century US/Latin American Relations

Total Hours: 48 Credits: 3

Students will develop the ability to apply historical knowledge as learned lessons when confronting contemporary issues in US/ Latin American Relations. Similarly, students will learn to ground a better understanding of the contemporary relationship between these two regions of the world. This is a theoretical survey of historical events in the Americas starting with Columbus and following event into the present. Historical events such as slavery, rebellion, international agreements, de-colonization and government formation are addressed. Leadership styles of dictators and elected heads of state are discussed. Also studied are the impact of wars and political conflicts on the Americas and the technological impact speeding up globalization impelled by such events. 20-21st Century US/Latin American Relations is closely related to Contemporary Foreign Policy. This class has no prerequisites.

SSCI-0221: Research Methods

Total Hours: 48 Credits: 3

Students will be able to perform both qualitative and quantitative research, use the Statistical Package of Social Studies (SPSS) as a statistical analytical tool and other research methods. This course studies research techniques of the social sciences. Students integrate research techniques and statistical skills into a quality research. Research Methods is closely related to Market Research. **Prerequisite: Statistics**

ECON-0221 Macroeconomics - Total Hours: 64 Credits: 4

Students will develop the ability to understand graphing, scarcity, supply and demand, circular flow, and production possibilities frontiers preceding the macro analysis. Through a simulated model and the Internet, students will compare different economies and study trade, comparative advantage and the balance of payments. The United States is a primary, and Nicaragua is a secondary focus as this theoretic practical course proceeds into national accounting, aggregate expenditures and aggregate demand and supply. The ramifications of fiscal and monetary policies and consumption and investment with comparisons to Classical, Keynesian, and supply side ideas are explored. Within monetary policy, the role of the Federal Reserve, central banks, and the banking system in the expansion/contraction of the money supply is analyzed. Macroeconomics serves as a prerequisite for International Economics; Comparative Economic Systems; Contemporary Economic Challenges; Trade, Environment & Development; and Political Economy. This class has no prerequisites.

HUM-0211 Greek & Roman Cultures

Total Hours: 48 Credits: 3

Students will develop the ability to understand and do analysis of Greek and Roman cultures and how they have contributed to human history and the contemporary world. This theoretical class studies the literature, culture, history, art, and daily life of the ancient Greeks and Romans. From the Greek Minoan period to the rule of Alexander the Great and from the Roman legendary beginnings in 753 B.C. to the 5th Century A.D., a survey of their contributions is examined. Course work includes ancient readings, appreciation of art and music, and their education system. Greek & Roman Cultures is related to all courses. This class has no prerequisites.

HIST-0212 World Civilization to 1900-Total Hours: 48

Credits: 3

Students will develop the ability to apply historical knowledge as learned lessons when confronting contemporary issues. Similarly, students will learn to ground better understanding of the contemporary world today. This theoretical course aims to provide a universal perspective on the development of civilization from 1600 to 1900 and to study the people and values which shaped the world. This class is an integral approach to world history. World Civilization to 1900 is related to all classes in the study plan, especially World Civilization History and Contemporary World History. This class has no prerequisites.

HIST-0221 Contemporary World History-Total Hours: 48

Credits: 3

Students will develop the ability to apply historical knowledge as learned lessons when confronting contemporary issues. Similarly, students will learn to ground better understanding of the contemporary world today. This theoretical course aims to provide a universal perspective on the development of contemporary civilization and to study the people and values which shape the world today. This class is an integral approach to world history. Contemporary World History is related to all classes in the study plan, especially World Civilization History and World Civilization to 1900. This class has no prerequisites.

PHIL-0222: Philosophical Anthropology - Total Hours: 48

Credits: 3

Students will develop the ability to think critically and gain an understanding of the nature of human beings and diverse philosophies on human nature. This theoretical class familiarizes students with the essence of being human in all aspects, from the moral and ethical entity to the destructive agent. A multidisciplinary hue serves as basis for case studies; however, a philosophical approach to anthropology is used for closer examination of the topic. Philosophical Anthropology is closely related to classes such as Philosophy, Professional Ethics, Sociology, and most social and behavioral sciences. This class has no prerequisites.

NSCI-0311: Environment and Natural Resources

Total Hours: 48

Credits: 3

Students will be able to make sound environmental decisions through building a complete pool of knowledge on a diversity of environmental issues. They will be able to wisely manage scarce resources. This theoretical course explores how natural resources are managed and how to better managed them. These resources include water, air, land (forest and rangelands), and soils. Basic methods of conservation and management alternatives are studied and compare to policy consequences. Major ecological problems facing the planet today and their relationship to globalization trends and patterns of social inequality are critically examined. The global environmental crisis including population growth, energy use, climate change, deforestation, biodiversity decline are addressed to produce feasible solutions. Environment and Natural Resources is a key class related to Ecology. This class has no prerequisites.

LEAD-0412: Leadership-Total Hours: 48

Credits: 3

Students will develop the ability to understand the theoretical grounds for leadership. This course studies the theory and practice of leadership in business organizations. Practical skills necessary for leadership are examined. Comparison of leaders and leadership strategies inspired in historical and present contexts are discussed. The art of growing leaders within the organization and identifying leadership potential are central to the class. Students attempt to answer questions relative to different leadership styles between North and Central America. The psychology behind effective leaders is also addressed. Leadership is a general class related to all courses in the study plan. Prerequisites: Introduction to International Development

PHIL-0421: Professional Ethics

Total Hours: 48

Credits: 3

Students will learn to apply different ethical theories as they apply to professional life and professional decision-making as they explore their own ethical stand on delicate contemporary issues. This theoretic practical course addresses how to make moral decisions and the ethical treatment of employees, clients, and competitors through case studies. Codes of ethics and their use and misuse are discussed. The course studies such issues as safety, whistle blowing, and moral dilemmas. Professional ethics is a key course closely related to all study plan classes. **Prerequisite: Leadership.**

FWK-0411 Field Work-Total Hours: 64

Credits: 4

Students will work as interns in their major field of expertise in an assigned or chosen company or agency under the direction of the students' immediate supervisors at their workplace for at least 350 hours in this practical course. Students will also attend weekly one hour seminars and provide a written analysis of the experience before a final grade is assigned. A CUSE professor will

act as a tutor and coordinator for the experience, conduct the seminar, and evaluate the student's experience. Field Work courses serve as evaluation of students' theoretical and practical knowledge acquisition during their academic career. Therefore this class is related to all business classes. This class has no prerequisite.

Preparatory Courses*

Preparatory classes are specially prepared for students whose skills may be challenged with introductory mathematics and English courses. Placements exams are given to all freshmen to determine which students need to ground their skills. These classes prepare and reinforce basic skills in students in order for them to succeed in their freshmen year! These courses are pass/fail. Students must achieve an 80% over 100% in order to pass the class.

PRE-093: Preparatory Math

Total Hours: 64 Credits: 4

Students will develop the ability to perform basic mathematical operations used in the Pre-Calculus class. This practical math laboratory is focused on in-class exercises needed to master college math. Basic algebra, geometry, and trigonometry are examined in detail. This class is a prerequisite to Pre-Calculus depending on the placement exam. **Prerequisites: None.**

PRE-094: Preparatory Communications Skills

Total Hours: 64 Credits: 4

Students will develop the ability to write following proper grammatical forms. This practical writing laboratory is focused on in-class writing. Sentence structures, paragraph construction, essay construction and styles, transitional words, and punctuation are examined in detail. This class is a prerequisite to Academic Writing and Professional Communications depending on the placement exam. **Prerequisites: None**

****Beginning in August 2013, preparatory courses are pass/fail***

ECON-0311: Introduction to International Development

Total Hours: 48

Credits: 3

Students will be able to develop a complete understanding of contemporary international issues and will be ready to apply new knowledge to creative problem-solving. This theoretic practical class focuses on understanding global synergy of development and introduces students to sustainable human development (SHD), an emerging discipline that uses a holistic, multidisciplinary approach to face the challenges of development today. Interaction among economic, environmental, political, & social process is examined. Students study the theory, methods, and goals of development in a global context through case studies. Thus, they are able to create a comprehension of successful developmental strategies through the use of indicators and comparative analysis. This key class serves as basis for all international development courses. **Prerequisite: Microeconomics, Macroeconomics**

ECON-0312: Approaches to Sustainable Development

Total Hours: 48

Credits: 3

Students will be able to develop a complete understanding of the reasons why development programs often fail, analyze possible solutions, and develop new proposals. This theoretic practical class focuses on analyzing successful planning and implementation strategies that have facilitated positive and sustainable change. International and domestic case studies are examined. Students design their own development program proposal towards the end of the course. This class serves as basis for all international development courses. **Prerequisite: Microeconomics, Macroeconomics**

ECON-0313: Development Economics

Total Hours: 48

Credits: 3

Students will be able to develop a complete understanding of contemporary challenges facing economic growth generation in developing nations. This theoretical class focuses on an analysis of the problems of generating economic growth in less developed countries. Alternative strategies for promoting economic growth are examined. The impact of the industrialized Western World on the economic development of underdeveloped regions is a focal topic. Topics such as poverty and wealth, nature of economic growth, roles of the state, etc. are studied as well. This key class serves as basis for all international development courses. **Prerequisite: Microeconomics, Macroeconomics**

ECON-0314 Culture & Development

Total Hours: 48

Credits: 3

Students will be able to develop a complete understanding of the power of cultural values and attitudes promoting or resisting progress. They will be able to analyze the traditional explanations like imperialism, dependency, and racism, to

explain disparity in the 21st Century. This theoretical class focuses on examining cultural values as determinants for well being among countries and ethnic groups. The course focuses on how culture affects the achievement of progress in economic development and political democratization. Some controversial debates on what determines the success of societies and how a culture may be saved from itself are addressed. This class serves as basis for all international development courses. This class has no prerequisites.

ECON-0323: International Economics

Total Hours: 48 Credits: 3

Students will develop the ability to better use analytic tools through theory implementation; references will be made on experiences among industrial and developing economies. This theoretical course studies individualism vs. collectivism, political systems, mercantilism, absolute advantage, comparative advantage, Heckscher-Olin, Product Life Cycle, New Trade Theory, National Competitive Advantage, Porter's Diamond and political economy of International trade in depth. Macroeconomic policy and performance of open economies under alternative exchange rate regimes are peruse. Basic topics studied include arbitrage relationships; static and inter-temporal current account determination; the effectiveness of fiscal and monetary policies under fixed and flexible exchange rate regimes; models of exchange rate dynamics; and, issues of exchange regime choice. Additional topics may include analyses of stabilization and growth and balance-of-payments crises. International Economics is closely related to all economics, political economy, and international development classes. **Prerequisites: Microeconomics, Macroeconomics**

ECON-0321 Information Technology & International Development

Total Hours: 48 Credits: 3

Students will be able to analyze and develop a complete understanding of cases where technology has been key to either furthering or hindering development. They will be able to wisely apply new knowledge to develop new solutions to contemporary challenges. This theoretic practical class focuses on examining aspects of the potential impacts of new information and communication technologies (ICT) on international development. A macro perspective, focused on various technologies and their application in both develop and developing worlds, is presented. Special attention is placed on technology use in the fields of education, government, health, business, and information literacy. This key class serves as basis for all international development courses. This class has no prerequisites.

ECON-0322 Trade, Environment, & Development

Total Hours: 48 Credits: 3

Students will be able to develop an understanding of the linkages between trade, environment, and development policies. Students will examine and gain comprehension on the more important efforts to link these policies together,

including NAFTA, the World's Trade Organization "Development Round", and a group of bi-lateral regional agreements involving the USA, Canada, Chile, and Central America, etc. This theoretical class focuses on recent international trade policy and its new responsibility toward environmental protection and development promotion in less developed regions of the world. This key class serves as basis for all international development courses. **Prerequisite: Macroeconomics**

POLS- 0323 Contemporary Foreign Policy

Total Hours: 48 Credits: 3

Students will be able to develop an understanding of the challenges face by foreign policy in our contemporary global society. This theoretical class serves as a survey on recent foreign policy affecting development all around the world. Emphasis is made on US, European, and Asian foreign policy; however, other regions of the world are examined as well. This key class serves as basis for all international development courses. This class has no prerequisites.

ECON-0422 International Development Seminar

Total Hours: 48 Credits: 3

Students will develop the ability to understand the role of leadership in managing social, political, and financial influences upon policy. This theoretical and multidisciplinary course examines the complex challenges inherent in managing non-profit and governmental organizations in developing countries. The course focuses on negotiating constraints in policy development and implementation drawing from experiences in Latin America and the USA and others. This is a survey course closely related to all international development classes. This class has no prerequisite.

ELE-0301 Open Elective

Total Hours: 48 Credits: 3

ELE-0302 Open Elective

Total Hours: 48 Credits: 3

ELE-0303 Open Elective

Total Hours: 48 Credits: 3

MELE-0401 Major Elective

Total Hours: 48 Credits: 3

Environmental Issues Concentration

NRMG-0322 Earth Science

Total Hours: 48 Credits: 3

Students will earn an understanding of the unifying framework of the earth sciences. This introductory class provides a broad overview of the interplay in the forces of nature shaping our planet today. The course focuses on planetary evolution and its connection with geology and climate, plate tectonics, oceans, and the atmosphere. The dynamic processes operating on Earth and how these processes have been recorded and have varied over the geologic history will be explored. Problems with particular relevance to humans, such as energy and mineral resources, water resources, climate and global change will be discussed. This class is closely related to all Resource Management courses. **Prerequisite: Environment and Natural Resources**

NRMG-0321 Environmental Science

Total Hours: 48 Credits: 3

Students will develop a deep understanding of the forces shaping the Earth's surface. Students will learn to critically analyze scientific hypotheses and the data on which they are founded. This elemental course introduces the natural, physical, chemical, biological and geological processes that shape conditions at the Earth's surface, ocean, and climate, their interrelationships, and the modification and impact of these processes by and in human activity. The class will focus on severe storms, regional climate, the ozone layer, air pollution, ocean currents and productivity, El Niño, the history of Earth's climate, global warming, and energy and water resources. This class is closely related to all Resource Management courses. **Prerequisite: Environment and Natural Resources**

NRMG-0411 Environmental Law

Total Hours: 48 Credits: 3

Students will learn and develop a deep understanding of the politics, policies, and laws associated with attempts to manage environmental quality and natural resources. This advance class will focus on the interplay of democracy, liberty, power, property, equality, causation, and risk. The course will explore air quality, water quality and quantity, pesticides and toxic substances, land use, agriculture and food, parks and protected areas, and energy and the contemporary legislation that refers to them. This class is closely related to all Resource Management courses. **Prerequisite: Environment and Natural Resources**

NRMG-0412 Global Environmental Challenges

Total Hours: 48 Credits: 3

Students will develop the ability to deeply understand contemporary environmental challenges and how they affect our human society. They will be able to take a holistic approach to problem analysis using historical and scientific grounds. Finally, they will create possible solutions to these problems of environmental changes. This advance class examines in detailed the challenges arising from changes in the atmosphere and oceans, the Greenhouse gases and global warming, the effects of human activities and the political and economic consequences. This class is closely related to all Resource Management courses. **Prerequisite: Environmental Science**

ECON-0324: Global Economic Geography

Total Hours: 48 Credits: 3

Students will develop a complete understanding of current economic issues and trends such as outsourcing, globalization, technology, foreign policy, and environmental issues. This theoretical course peruses topics such as the nation-state and economic development versus underdevelopment, globalization, global labor markets, geographic concentrations of economic activities, and global economic integration i.e. the geography of international investment. It emphasizes global resources (natural and human) and their contemporary and future use. An analysis of contemporary microeconomics and macroeconomics issues will be a focal point. Global Economic Geography is closely related to history, economics, and environmental science classes. **Prerequisite: Macroeconomics**

Possible Electives

NRMG-0311 Natural Resource Management

Total Hours: 64 Credits: 4

Students will learn basic biological, chemical, and physical aspects of natural resources in order to manage them better according to the principles of management but without disregarding sustainability and social responsibility. This theoretical class focuses on management skills as applied to natural resource management. The course examines the challenges of productivity within the limits of sustainability and care for the environment. **Prerequisite: Ecology**

POLS-0411: International Organizations and Treaties

Total Hours: 48 Credits: 3

Students will develop the ability to understand the categorization of International organizations and global business treaties, and their emergence and rising

impact of businesses in the everyday life of states. The class makes special emphasis on global business policy such as NAFTA, CAFTA, etc. The origin, structure, and function of organizations such as the United Nations, OEA, World Bank, International Monetary Fund, and BID are addressed. International Organizations and Treaties is related to global business, political economy, and international development classes. **Prerequisite: Comparative Political Systems**

NRMG-0313 Energy and Sustainability

Total Hours: 48 Credits: 3

Students will acquire a deeply understanding of the existing sources of energy today. They will learn to analyze the pros and cons of different energy sources. Finally, they will understand the dynamics among the stakeholders in the energy market. This advance class focuses on the decision-making processes leading to the use of specific energy sources in developed versus underdeveloped countries, with special attention given to USA, Germany, and Latin America. A detail review of energy sources in use today (hydrocarbons; nuclear) and potential alternatives (wind; solar) will support deep analysis. New policies on energy will be explored. This class is closely related to all Resource Management courses. **Prerequisite: Natural Resource Management**

NRMG-0314 Water Management

Total Hours: 48 Credits: 3

Students will learn about the forces behind the formation of water, atmospheric processes and the hydrologic cycle, groundwater flow, and overall natural dimensions. Students will explore ways to better manage and preserve water on Earth. This advance course provides a foundation in both qualitative and quantitative analyses of water management and conservation. Water pollution and fresh water scarcity are main focuses in the class. This class is closely related to all Resource Management courses. **Prerequisite: Natural Resource Management**

NRMG-0411 Forestry Management

Total Hours: 48 Credits: 3

Students will learn about the forestry and challenges facing forests today. They will learn to analyze the effects associated with a drastic reduction of our forest on the planet. Students will explore ways to better manage and preserve forests today. This advance course provides a foundation in both qualitative and quantitative analyses of forests management and conservation. Forest reduction and misuse are main focuses in the class. This class is closely related to all Resource Management courses. **Prerequisite: Natural Resource Management**

Tourism Development Concentration

TOUR-0311 Introduction to Travel & Tourism

Total Hours: 48 Credits: 3

Students will be able to understand and apply the definition of tourism; the role of the WTO and the organization of the tourism sector, the social aspects of tourism (motives for traveling push and pull factors, and so on). This theoretical course explores in an introductory manner: the hospitality sector, the benefits and negatives of tourism, its economic role, channels of distribution, marketing and promotion, the supply and demand, policy, planning, research, and statistics. This class is a prerequisite for most tourism development courses. **Prerequisite: None**

TOUR-0321 International Tourism

Total Hours: 48 Credits: 3

Students will be able to analyze the benefits to be gained, both economically and socially, from developing a tourism product in both the developed and developing countries. This theoretical course explores how to use tourism as a mean of fuelling economic growth, enhancing management policy research, and expanding employment potential. The course leads students into the analysis of the transportation, the hospitality, and the entertainment and recreation sectors development. This class is associated with other courses focusing on international tourism issues. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0322 Tourism Organization Worldwide

Total Hours: 48 Credits: 3

Students will be able to deeply understand how tourism is organized worldwide at international, regional, and domestic level. This theoretical class describes the role of the bilateral and multilateral development and financial institutions, role of business, investment, management of alliances, and policy formulation involved in developing the tourism sector. This course is related to tourism development in Latin American. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0411 Tourism Economics

Total Hours: 48 Credits: 3

Students will comprehend the place of tourism development within the economic context – micro and macroeconomics, international trade, the balance of payments of the national accounts. This theoretical class analyzes supply and demand and the role of elasticity values: price, income, exchange rates and so on, and the use of tourism, rather than manufacturing, as the development tool. This course is related to most tourism courses. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0412 Tourism Marketing and Promotion

Total Hours: 48

Credits: 3

Students will be able to learn how to make and understand a marketing budget for the tourism industry that balances the international customer orientation and the national communities. This theoretical and practical class focuses on the definition, role, and activities in tourism marketing and promotion. The creation of brochures, commercialization, FAM trips, advertising, publicity, pricing, marketing research, and elasticity analysis in support of policy decisions will be addressed. This course is related to management of tourism services. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0413 Tourism Planning and Government

Total Hours: 48

Credits: 3

Students will be able to understand the dynamics of the government's role and the management of policy analysis, planning, and research in tourism. This theoretical class analyzes government and private sector roles and partnerships, international organizations' roles, and general statistics and data analysis – trends, growth rates, etc. This course is related to research analysis and tourism economics. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0414 Tourism Expansion and Development

Total Hours: 48

Credits: 3

Students will learn to analyze tourism expansion worldwide, regional – Africa, Americas, Europe, Asia & the Pacific, the Middle East. This theoretical class focuses on the development of short and long-haul travel and cruise ship travel. The class emphasizes the role of the WTO, the role of tourism worldwide as related to economics, social, environment, and the long-run survival of the tourism sector. This course is related to research analysis, tourism economics, tourism planning and governing, and international tourism. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0415 Tourism Research Analysis

Total Hours: 48

Credits: 3

Students will learn about the importance of research and research methods, analysis of primary and secondary data, and trend and growth analysis. This theoretical class will focus on: tourist arrivals (study of market segmentation), tourist receipts (study of its role within the economy), average length of stay or nights spent, and tourism development strategies. This course is related to all other tourism courses. **Prerequisite: Research Methods**

TOUR-0421 Tourism Development in Latin America

Total Hours: 48

Credits: 3

Students will learn about tourism expansion, development, management, policy, and research in Latin America relative to the rest of the world. This theoretical and practical class will include the study of special study cases, among others, Mexico, Jamaica, Aruba, Costa Rica, and Peru and how to apply successful practices to different regions. This course is related to all other development courses. **Prerequisite: Introduction to Travel and Tourism**

TOUR-0422 Management of Tourism Services

Total Hours: 48

Credits: 3

Students will be able to understand the expansion, development, research, and management of the accommodation, transportation, food and beverages, recreation and entertainment, retail shopping, and gambling fields within the sector of tourism. This theoretical class will focus on the dynamic and diverse services offered by the tourism sector. This course is related to all other management courses. **Prerequisite: Introduction to Travel and Tourism**

***Choose 8 courses**

Education Concentration

EDU-0311 Philosophy of Education

Total Hours: 48

Credits: 3

Students will construct a sound philosophical based on education. They will compare and analyzed the transformation of education through philosophical trends and time. This theoretical course will focus on the purpose behind the education and the role of state, church, and the individual on this intent. Philosophy of Education is a key class and is related to all other classes in the study plan. This class has no prerequisites.

EDU-0411 Contemporary Issues in Education

Total Hours: 48

Credits: 3

Students will analyze current events and trends in education and study the impact these are having in contemporary education. This theoretical practical course introduces students to main topics in discussion in the world of education today such as multiculturalism, multi-language, especial education, technology use, gender, multidisciplinary approaches, emerging fields, online education, etc. Contemporary topics of interests will be addressed and discussed in class. This class is related to all other classes I the study plan. This class has no prerequisites.

EDU-0312 Teaching Methodologies and Techniques

Total Hours: 48 Credits: 3

Students will learn different learning processes and how to implement diverse teaching methodologies and techniques in the classroom. This theoretical practical class will help students understand the effects methods, techniques, evaluation methodologies, etc. have on the learning process. This class is related to all other classes in the study plan. This class has no prerequisites.

EDU-0412 Curriculum Theory and Practice Student

Total Hours: 48 Credits: 3

Students will discuss and analyze curriculum theories and the different ways schools implement curriculum. This theoretical class will allow students to understand the interaction between curriculum and institutional climate, curriculum versus practice (hidden curriculum), and the need for congruency. **Prerequisite: Philosophy of Education**

EDU-0413 Cross Cultural Awareness

Total Hours: 48 Credits: 3

Students will analyze and debate on basic anthropological concepts on learning and culture. Students will discuss the impact of multiculturalism, multi-language, globalization, gender, sexual diversity, and technology in the cotemporary classroom. This class is related to all classes in the study plan. This class has no prerequisites.

EDU-0414 IT Educational Application

Total Hours: 64 Credits: 4

Students will learn to use technology in the classroom to land transversal competencies and chosen curricula. This practical class will focus on different projects students must work individually and in teams. This class will require a practical lab. This class is related to all classes in the study plan. This class has no prerequisites.

EDU-0421 Classroom Management (or elective)

Total Hours: 48 Credits: 3

Student will learn how to better make use of time in face-to-face and online environments. This theoretical practical class will focus on both the face-to-face and

online classroom. **Prerequisite: Teaching Methodologies and Techniques, Curriculum Theory and Practice Student.**

EDU-0422 Research and Evaluation Methodologies (or elective)

Total Hours: 48 Credits: 3

Students will learn how to introduce students to the world of research and how to evaluate this task. This theoretical practical class will develop the teaching learning ability to do sound research in the classroom and use effective evaluation methods for this. **Prerequisite: Teaching Methodologies and Techniques, Curriculum Theory and Practice Student.**

Minors in Arts & Sciences

International Development-See above course description *Only for School of Business Students*

Introduction to International Development
Information Technology & International Development
Culture & Development
Approaches to Sustainable Development
Development Economics
Trade, Environment, & Development

Economics

ECON-0324: Global Economic Geography

Total Hours: 48 Credits: 3

See Course Description Above

ECON-0323: International Economics

Total Hours: 48 Credits: 3

See Course Description Above

Possible Electives

BUS-0447: Development of Economic Thought

Total Hours: 48 Credits: 3

Students will develop the ability to understanding the development of economic thought and apply acquired knowledge to the studies of economics. This theoretical course takes a historical survey of the primary philosophical and analytical issues in the development of economic theory. Primary emphasis is given to the following schools of thought: the mercantilists, the physiocrats, the classicists, the Marxists, and the marginalists. Development of Economic Thought is closely related to all economic classes. This class has no prerequisites.

BUS-0448: Government in the Economy

Total Hours: 48 Credits: 3

Students develop the ability to analyze and comprehend the role of government in the economy with specific applications to the continental American region. Sources of market failures such as public goods, externalities, and non-competitive practices are discussed. Other topics include theories of public choice, and anti-trust legislation, regulation, the pricing of public sector output, and cost-benefit analysis. Government in the Economy is related to all economic, political economy, international development, and global business courses. This class has no prerequisite.

BUS-0450: Contemporary Economic Challenges

Total Hours: 48 Credits: 3

Students will develop the ability to analyze and comprehend international economic issues. A holistic approach to these events includes Political Science, Sociology, and less mainstream parts of economics. Among specific issues treated: protectionism, multinational firms, debt crisis, international macroeconomic policy coordination, and European integration. Latest instances of economic challenges are addressed. This class is closely related to economic, political economy, global business, and international development classes. **Prerequisites: Microeconomics, Macroeconomics**

BUS-0449: Comparative Economic Systems

Total Hours: 48 Credits: 3

Students will develop the ability to analyze, understand, and evaluate the different economic systems around the world today. Systems are examined based on results. A holistic approach is adopted in evaluating these systems including political science, sociology, and less mainstream parts of economics. Emphasis is placed on those systems found in the western world. This class is closely related to economic, political economy, global business, and international development classes. **Prerequisites: Microeconomics, Macroeconomics**