

COURSE DESCRIPTION

ARCH 3112 History of Latin American Architecture and Art 3CR

This course theoretical-practical teaches students to develop the skill to analyze as an opportunity to expand the knowledge of the Latin American culture and learn about its architecture and art, adding credits to their university syllabus. It is offered to all students with no previous knowledge of design projection and communicate means of graphic expression.

ART 2100 Art Fundamentals: Theory and Practice 3CR

This course is designed for the beginner to help the student find personal meaning in works of art and develop a better understanding of the nature and validity of art as visual and space language (line, shape, volume, light, space, time, motion, color, and texture). This means that you will learn about the essentials of art through experience and experimentation.

Through determination and an open mind, you will increase your creativity and discover more interesting ways to understand and judge the visual arts. Emphasis is on the diversity of form and content in artwork. With willingness to work and an open mind, your experiences in this class will be memorable in a positive way. Upon completion, students should understand the basics of art materials used and have a basic overview of the history of art and how art represents its society, especially, Latin American culture.

Students will learn what art history from different cultures looks like and what it represents through the diverse visual culture conventions and the ability to discuss the relationship of cultures to their art. Besides, learning the different ways art is used for representation of objects, spaces, ideas, and emotions.

ART 2130 Mural Painting and Public Art 4CR

Through collaborative and participatory dynamics, this studio course looks into conceptual and practice-based approaches in public art. We adopt chance operations, design thinking, disruptive strategies, and artistic methodologies-towards that which is not yet. Art practice is viewed as a process, a way of thinking, engaging, and experiencing in different contexts. The course is divided into atheoretical and experimental phase, followed by a design process, which leads to the execution of a collaborative public work of art. It can be through mural painting, public intervention or other forms of public art and new genres, relational, site-specific, etc.

The experimental, design and execution phases are non-linear and intertwined. The objective is for participants to explore and develop their ideas and interrogate the impact of public art in communities. The course will enable students to manipulate elements of form, specific media, techniques, and safety measures aimed at public spaces. They will develop proposals into actual projects through guided design processes.

COMM 3100 Communication for Development & Social Leaders 3CR

This course will introduce the student to the field of Communication for Development (C4D), it is a participatory process that applies communications tools to support behavior change in

society. The student will learn through a dynamic methodology the five steps to build strategies focused on C4D that promote lasting impact and sustained behavior change. The course emphasizes on: analysis, strategic design, development/testing, implementation and monitoring, and evaluation to design new campaigns. The student will develop skills in communications, research, behavior change, and evaluation. C4D is a method utilized by international organisms and non-governmental organizations to build new projects and campaigns, for example, United Nations.

COMM 3070 Creative Conflict Resolution: a multicultural, gender persp 3CR

The course uses transformative mediation, as well as their respective methodologies, in order to equip the student with the tools in conflict mediation processes and has the ability to mediate a conflict between two or more parties. Students must perform an analysis and simulation of cases where they could have intervened with a mediation process.

COMM 3200 Intercultural Communication & competence 3CR

This course introduces the field of intercultural communication enhances the development of intercultural competence and explores implications and applications towards shaping one's cultural identity and worldview.

The course also examines theoretical aspects of culture and worldview; communicative and intercultural competence; intercultural contact and entry processes; issues of diversity and commonalities among human beings; and implications and applications for work settings and for oneself as a member of multicultural groups. This course is a part of the social psychology, cultural-historical psychology, developmental psychology, and cognitive psychology fields.

ECON 3403 Introduction to International Economics in Latin America 3CR

The Latin American region is today in a particular dynamic, where growth and development go hand in hand with economic, social and environmental phenomena. Where the understanding of the current Latin American context, involves the analysis of these elements, and also identify the present characteristics in terms of aspects such as: geography, migration, trade, among many others, present in the countries of the region.

For this course, all these elements will be addressed in an integral way through case studies, aimed at developing a clear idea of the current reality of the Latin American countries.

ECON-3500 Introduction to Circular Economy 3CR

We are currently on an unsustainable economic path. Our Earth is at risk of failing to provide the life support systems that we, as humans, need to live on this planet (clean air, water, food, among others). An increasing population with more financial means is putting enormous pressure on natural resources. More money means more consumption, more production, and ever-increasing use of natural resources. We are currently consuming 1,75 times the Earth's carrying capacity, meaning that we are using 75% more natural resources than we are generating every year (Lacy et al., 2020). The consequences of our current (unsustainable) systems of consumption and production are staggering. Since the offset of the industrial revolution and our capitalist societies, we have lost an average of 68% of mammals, birds, fish and reptiles, and plants (WWF, 2020).

The Latin American and Caribbean region has experienced the most significant loss: 95% of their biodiversity since 1970. The current emissions patterns are also increasing the average temperatures of our planet. By 2030, temperatures will likely increase 1,5 degrees if we continue in the same path. The economic losses of a 1,5-degree temperature rise are estimated at \$58 trillion US in 2100 (IPCC, 2018). Is business, as usual, even an option? We need to substantially rethink our current production systems and consumption based on a linear process of "take-make-waste." Instead, we need to look for business, societal, and 2 economic models that use fewer resources and products that live longer lives and can be re-used at the end of their functional life.

ENV 2500 Introduction to genetics: current applications 4CR

This is an introductory course where the concepts and applications of genetics are analyzed. The course applies the use of basic theoretical-practical fundamentals in genetics to address problems in various fields. Students will familiarize with the Central Dogma of molecular biology, understand the processes of gene expression, and analyze mutation effects. It is a course focused in analyzing recent research topics and discussing controversial issues related to genetics. It has an essential practical complement by means of a field tour for the collection and analysis of samples.

This will allow the development of several laboratory processes where the student acquires the skills to apply basic molecular techniques such as DNA extraction, polymerase chain reaction (PCR) and electrophoresis. In addition, they will be able to use specialized software for the analysis of DNA sequences. Through the analysis of specialized literature, the aim is to broaden the knowledge about the diversity of applications of genetics in different fields. During the course, we also develop skills in groupwork and leadership, as well as assertive communication in an oral and written form.

ENV 2800 Permaculture for a Regenerative Culture 4CR

The course analyzes the ethical, ecological and design principles proposed by Permaculture as well as its basic techniques. The analysis is addressed as the "permanent culture" (and beyond) and as the sustainable and resilient, intelligent, and regenerative design process, emphasizing its applications to urban and field systems, including intangible energies in order to develop competences, values and skills to improve our world environmental and socioeconomic conditions. The environmental and social aspects, the importance of integrity and interdisciplinarity, the need for systems designed in terms of efficiency and resilience and the implications of the values and principles promoted by permaculture on a personal and community level are studied and practiced.

The course aims to provide students with basic skills to design or re-design systems in order to achieve generativity. Capabilities of analysis, design and problem solving are gathered. A final design project is prepared, which aims to apply permaculture content to reality. The Veritas Garden is used as a living laboratory, which allows to deepen the basic abilities of observation, analysis and organization of ideas for successful design. Field trips provide the opportunity for observation and direct interaction with different designs that exemplify the implementation and success of Permaculture.

ENV 3005 Environmental Impact and Social Development 4CR

This course is an introduction to the study of major environmental problems and social issues confronting modern society. Students will examine ecosystems, population patterns and dynamics; use and misuse of resources; population and environmental quality; environmental citizenship, economic incentives, and Costa Rican initiatives in eco-tourism. Introduce the student to environmental problems and their socio-economic implications in Latin America, using Costa Rica as an example. Study current and actual cases about conservation and management of biodiversity and wildlife. Visit different scenarios where the relationship between environment and society will be studied. As well the course provides an overview of environmental impact assessment to design, evaluate, and replicate sustainable projects and programs.

The course develops the tools to assess natural resources protection, improvements in population health, positive social impacts and poverty reduction, and economic appraisal that includes sustainability measures at least cost. Students practice assessment methods at project and strategic levels. Integrated assessment using all methods focuses on the agriculture, water, energy, and forestry sectors, applying both project and program analysis. At course end, students apply knowledge and practical methods that inform prudent decisions and support economic growth, social development, awareness, and environmental sustainability.

ENV 3044 Tropical Ecology 4CR

Costa Rica is a tropical country with an immensely rich biological diversity and unique representative area to study terrestrial and aquatic ecosystems present in their Pacific and Caribbean slopes. Along this class, students gain insight into basic ecological principles and concepts and explore a variety of ecosystems present in the tropics, their animals, plants and fungi, and the multiple and complex ecological interactions that can be found here. Shrewdness on the differentiate actions between biotic and abiotic factors in tropical environments, while considering human effects on tropical ecosystems, is achieved.

Emphasis is given to the study of the ecosystems found in Costa Rica, but other tropical ecosystems are studied as support for understanding key ecological concepts. Additionally, issues related to conservation of biodiversity and sustainability in the tropics are discussed. Therefore, this course provides students with a general overview of tropical ecology, systematic examination of the interactions and relationships between organisms and their tropical environment.

ENV 3020 Molecular Marine Biology 4CR

The use of biological-molecular tools has revolutionized research in marine sciences in recent decades. These approaches offer extraordinary potential to address ecological issues in the marine environment, ranging from species identification and deciphering reproductive behaviors to understanding the population structure and genetic connectivity among populations. This course focuses on the use of molecular markers based on mitochondrial and nuclear DNA to highlight the importance of conservation genetics and the implications on a global scale to manage marine species in danger of extinction. Activities and conferences will be carried out at the Center for International Programs and Sustainability and the Molecular Biology Laboratory (BIOMOL).

In addition, students will experience field activities to understand some controversial conservation issues related to the endangered trapezoidal marine species in Costa Rica, such as sea turtles and sharks, gathering tissue samples and later performing hands-on activities in the laboratory such as DNA extractions, PCRs, electrophoresis. Along the course students will learn to perform bioinformatics analysis from DNA sequence chromatogram reviewing and genetic database searching to genetic identification. Some analysis will be performed to understand the genetic diversity and gene flow of natural populations of endangered marine species in Costa Rica.

ENV 3100 Tropical Birds (Tropical Ornithology) 4CR

This course will introduce the major topics in ornithology, answering questions about birds: their origin, their lives and ways. With more than 900 species of birds, Costa Rica is a unique country as an introductory Neotropical ornithological and birding experience. The course focuses on the features that make Neotropical avifauna a highlight among bird studies, including their evolutionary relationships, the very high species diversity in the Neotropics, and the natural history of Costa Rican birds.

Students will be introduced to the main groups of birds present in Costa Rica, their behavior, biodiversity, and conservation threats. Throughout the course the students will be immersed in hands on experiences that include field work to observe bird biodiversity, analyze bird behavior and understand bird habitat use. These experiential field activities to observe and monitor birds in their natural habitat, will allow students to learn and master skills to identify them, and participate in bird reports that aid in science and conservation.

ENV 3120 Land Vertebrates of Costa Rica 4CR

This course is an introduction to the zoology of terrestrial vertebrates in Costa Rica. Students will gain insight about various biological characteristics of the groups of land vertebrates in the country. Costa Rica has an immensely rich animal biodiversity, that has been influenced by both North American and South American fauna and is a world-renowned hot spot for animal research and conservation. Emphasis will be given to the study of Costa Rican species, but others will be discussed as well.

ENV 3150 Tropical Botany: Useful plants 4CR

This course will provide students with a general overview of Neotropical useful plants. Students will gain insight about basic botanical concepts well as the most important uses of plants in the Neotropics. The skills, competences and values developed during the course will provide students with important tools to work in scientific research, conservation, and sustainability fields. The course includes laboratory practices to develop specific ex-situ research and analysis competences. Field trips provide an important experience with different Tropical ecosystems and the Flora diversity of Costa Rica, where plant adaptations and ecosystem interactions are easily observed. For these reasons, field trips allow students to develop in-situ research, observation, and analysis competences.

A Field practice using quadrants and/or transects to compare plant diversity and forest strata could be included in one of the field trips during the course, depending on the sites visited and weather conditions. This course usually interacts with other CIPSS courses such as Agroecology and Sustainable Development, among others, in order to exchange knowledge and experiences, including some joined Field Trips, lectures, and expert visits. The topics covered are deep

regarding theory and experience. The course demands extra class reading and preparation of assignments, outside activities, and research.

ENV 3160 Conservation Biology of Endangered Marine Species 4CR

This course is aimed to highlight the importance of conservation biology in managing endangered marine species by emphasizing in recent conservation efforts of umbrella species such as sea turtles and sharks in the Pacific of Costa Rica. Marine ecosystems of the eastern tropical Pacific provide a baseline source for species of high commercial interest in satisfying humans demand for food worldwide. However, numerous marine species are threatened by unsustainable human activities, such as overfishing and habitat destruction. We will develop a critical understanding of conservation biology, deepening in the general concept of biodiversity in species and ecosystems.

We will analyze current case studies that focus on scientific investigations to answer critical life history aspects, recovery programs, species management, community conservation actions, and Marine Protected Areas (MPAs). The students will also be introduced to a wide range of practical activities by visiting field stations and natural laboratories in Costa Rica.

ENV 3170 Freshwater Ecology (Limnology) 4CR

Water is a vital resource for human beings, but it is a limited resource that have been degraded and the demand for this resource is growing. Freshwater ecology, also known as limnology, is a course to help us understand the physical, chemical, and biological properties of inland aquatic environments (wetlands, lakes, rivers, mangroves, and reservoirs). It aims to give emphasis to the problems and conservation efforts for water resources, for that we will learn methods for monitoring aquatic environments with field trips and laboratory work.

ENV 3190 Tropical Marine Biology 4CR

The oceans occupy about 71% of the Earth's surface and tropical seas hold the highest ecosystem and species diversity on it. In this course we will introduce the basic concepts of tropical ocean zoography, marine ecology, and marine biology, with emphasis on the interaction between species, between species and their environment and between ecosystems. We will also learn about human environmental impact, and the utility, management, and conservation of the ecosystems. Besides class activities this course includes field trips when we will have firsthand contact with the marine environment and coastal population.

ENV 3200 Marine Mammals of Costa Rica: Biology and Conservation 4CR

This course is an introduction to the biology of marine mammals of Costa Rica, including whales, dolphins, manatees, fur seals and sea lions. Topics covered include the evolution, physiology, behavior, and ecology of marine mammals. Particular attention is paid to current topics in the management and conservation of cetaceans (whales and dolphins) in Costa Rica within marine protected areas or with local coastal communities. Fieldwork will focus on basic ecological monitoring techniques and primary care on marine mammals' stranding.

ENV 3740 Climate Change: Impacts and adaptations 4CR

This course is an introduction to understanding climate change, its causes, consequences and effects it has on natural plant and animal populations in the whole planet, including humans. The human race is facing several problems because of climate change, and these effects will probably increase in the near future. As temperatures continue to rise, producing large effects in all kinds of habitats, how will animals and plants be able to adapt to such fast changes? And what are we humans, as the responsible party, doing to deal with global warming? Can we really answer these questions? Do we have the knowledge to reverse current conditions, and if so, what is being doing at the global level? And finally, how is the "political climate" being addressed in regards to climate change?

ENV 4030 Agroecology and Sustainable Food Systems 4CR

This course examines different agriculture and food production systems from an ecological perspective, considering the systemic model and integrated agroecological management, to offer answers that promote sustainability and regenerative for food production systems design. After studying the fundamentals and most important ecological processes, diverse applications to agricultural systems will be analyzed within the framework of the imitation of natural systems, including ancestral and novel technologies and methods. The elements of consumption and production that affect current food production systems and the production and management of energy from alternative sources will also be analyzed and students will explore their own role in the food production system, and creation of new solutions.

After this course, students will show capacities, skills and attitudes important for the design and development of regenerative projects in agroecology and sustainable food production. Field trips will provide opportunities for direct observation and interaction in different system designs and their operation in Costa Rica, many times applicable to international realities. This course usually interacts with other CIPES courses such as Tropical Botany and Sustainable Development, among others; the course demands extra class reading and preparation for lectures, outside activities, and assignments.

ENV 4040 Sustainable Development and Environmental Awareness 4CR

At the end of the 1980s, the world began to analyze that economic development was having irreversible consequences on the environment, natural resources were being destroyed too fast and the socio-economic gap was getting bigger and bigger. At that moment the concept of sustainable development a rose, and the world began to work to achieve the balance between economic development, social equity, and ecosystems conservation for present and future generations, on a global scale. Costa Rica is well known for its conservation policies, and it intends to apply sustainable development concepts, according to international agreements. The country has been a global leader in implementing measures related to conservation and sustainable use of biodiversity. Good practices and aspects to improve at the national level will be analyzed.

This is a course that integrates theoretical knowledge, history, and trends on a national and global scale, with practical activities, which allow people to understand the edges of sustainable development. The student develops the ability to integrate social, economic, and environmental aspects to analyze and solve issues, considering the goals of sustainable development. The

course includes discussion of current events, case studies, hands-on activities, and field trips. Together, all these experiences sensitize the students to build a better world, not only on a large scale, but also, and even more important, in their personal ways.

ENV 4100 Biotechnology and Sustainability 4CR

This course emphasizes the vast possibilities offered by biotechnology for sustainable development through the study of specific cases in Costa Rica. In this sense, Costa Rica, despite its comparatively small geographical size and population, has consolidated as the most advanced country in the region when it comes to biotechnological research. This course will explore the reasons why and correlate them with the role of sustainable development in this process. Fundamental and applied concepts of biotechnology will be explored and discussed in terms of life, environmental and social sciences.

This course will be heavily based on the study of cases in which biotechnology has become into the best solution for social and environmental situations through the case analysis, and the participation of companies, associations and experts related to this technology. Therefore, the purpose of this course is to provide to any professional with an interest in biotechnology sense in what is biotechnology and how can co-exist with sustainable development from the experiences in Costa Rica.

ETH 3100 Selected Topics in Afro-Caribbean Studies 3CR

Students will learn about Afro-Caribbean Costa Rican Cultural development to prompt an awareness of Afro-Latin and Afro-Caribbean culture and experiences. Students will: Emphasize the importance of history to understand black culture in present day in Costa Rica, Latin America, and the Caribbean. Discuss present day issues-with special consideration of contemporary issues, such as, poverty, migration, the development of human rights and sustainable development in relation to Caribbean communities.

Discuss the different aspects of Costa Rica's black heritage, cultural evolution, such as social and political organization, economy, traditions, festivities, and people of influence. Introduce the Caribbean indigenous community dynamics to complement the discussion of social constructs of the "other" in the Caribbean landscape, space, and different historical periods. Explore specific socio-cultural profiles—for example, gender relations within Costa Rican Caribbean culture, and the issue of violence in the city of Limon.

GEB 3000 Introduction to Project Management 3CR

This course will introduce the student to basic concepts and tools for project management (PM) process. The course will review the 5 stages of the process to manage a project successfully: Initiation, Planning, Execution, Monitoring & Control, and Close. The student will develop skills to lead projects in their personal and professional life. This course helps keeping all the students ducks in a row with some methodical planning, by showing different strategies and techniques such as: Objectives Key Results, Gantt charts, and Communications Plan. The expert will pass his personal philosophy to the student: more organization leads to improved well-being and the impact of building good communication habits.

GEB 3350 Introduction to International Business 3CR

Today, more than ever, the average individual can feel the interdependence of countries within the global economy and the impact on our daily lives. The clothes we wear, the cars we drive, the price we pay for a gallon of gasoline are daily reminders that we live in a global economy. What is also apparent is the direct link between business and politics and the impact one has on the other. In this course, we will focus on political, cultural, strategic, and structural issues in conducting global business in both developed and developing economies. The course will combine both theoretical concepts and practical applications of operating in a global environment. And, because issues in this environment change rapidly, we will focus on current events through use of national and international publications.

This is a practice-oriented course designed to help students achieve an understanding of how commerce is conducted in an increasingly global supply chain. We will utilize case study, discussion of current events, student research and class discourse to understand the key mechanisms of international trade. By the end of the course, you will walk away with a clear knowledge of how business is conducted in the international forum and have further developed basic analytical skills essential to good business case analysis. It is my hope that you will gain not just the knowledge, but also a practical understanding of the issues and solutions leading to success in international business.

GEB 3500 Ecotourism: The Costa Rica Case 4CR

This course will provide the students with an introduction to Costa Rican ecotourism. It will offer the chance to analyze this dynamic process from different socio-economic perspectives. It will discuss the economic importance of ecotourism for the Costa Rican national economy, the stimulation of grassroots, community ecotourism projects, and the role of ecotourism in securing environmental protection. The advances and limitations of ecotourism will be explored.

HHD 1020 Physical Therapy and rehab exercises for Common sport injuries 3CR

Physical therapy ranks in Costa Rica and the USA as one of the most desirable careers. Physical Therapists play essential roles in today's health care environment. They contribute along with all health care providers to maintain, restore, and improve movement, activity and health, enabling individuals of all ages to have optimal functioning and quality of life. During this course the student will learn history of Physical Therapy, PT core values and principles, mechanical principles applied to human body, an introduction to exercise therapy, massage therapy and physical therapists approach after a stroke.

HHD 1050 Holistic Health Approaches 4CR

This course introduces basic concepts on holistic health, encompassing a general overview of traditional, complementary, and alternative medicine (T/CAM). Its main aim is to acquaint the student with current holistic health praxis, obtaining a general panorama about a wide range of current alternative/complementary practices. Class activities help students connect current lifestyles--where organic food, wellness, yoga, meditation, and a wide range of holistic health means are every day more common--with their own current lifestyle, and, also, with their future health lifestyle and/or career. Through this course each student will have a better overview of the holistic health perspective and the efficacy of some of their practices to open doors for a future deepening in these subjects and open an option for inter-professional practices. Also, students

will explore and evaluate different holistic approaches and philosophies to improve personal health and wellbeing. Moreover, students will be able to build their own comparison with their general health concepts—usually from the Western medicine (WM, also known as allopathic or conventional medicine). Some of the topics included are Homeopathy, TCM(Traditional Chinese Medicine), Acupuncture, Herbal and Nutritional Therapies, Ayurveda, Electromagnetic Therapy, Breathing, and Energy, among others.

HHD 1070 Health and Nutrition: a sustainability approach 3CR

This class introduces the study of a systemic interdisciplinary view of human nutrition aspects with sustainability insights. No college-level science background is required; rather, the course will provide elementary aspects of the several basic sciences that are needed. Its main aim is to provide a holistic nutrition background that will help students make appropriate, informed choices from the vast array of foods available in 21st century's marketplace. It is expected that students will obtain a general panorama about a wide range of current health issues that are related with nutrition in this century.

This course is designed for the person who wants an overall introduction to nutrition within a sustainability perspective and, who may later choose a major in it, or simply wants to improve his/her health and wellbeing, learning the impacts that modernity vicissitudes have posed to our health because of the food and planet unsustainable decisions we've made. This course shows an overview of how foods are altered nowadays, making linkages with agriculture, food industries and sustainability issues of current interest.

Students will obtain a general overview of what nutrients and foods are, and their power for both good health or disease (food production, additives, pesticides, and hidden issues in food nowadays are discussed). Besides, we will reflect on the impacts each one of us is making on Earth and in each one of our 'body-minds' care and balance. A main aim is help students connect with current lifestyles—where toxic-free foods, supplements, organic meals, home-gardens, regenerative agriculture, applied sustainability, and dense nutritional options, are health and environment solutions already present. Another primordial aim is help students get a different perspective of their future life and career.

HHD 1150 Introduction to Anatomy 3CR

Human Anatomy is not only the study of the bones, joints, muscles and systems of the human body but it's the doorway to the fascinating world of knowledge which provides the true understanding of the human body functions and how it keeps us alive. During this course we will travel through the Human Body from a practical and fun point of view to learn the main components and systems which make the human life experience possible.

HHD 3070 Conflict Resolution and Health Care 4CR

Health service delivery today encounters frequent conflicts, disputes, and other difficult situations, many of them derived from larger changes occurring in the health systems of the world. These conflicts include differences due to multiculturalism, the appropriateness and quality of care, gender issues, power disputes, providers, and recipients over institutional and funding policies. Violence, its effects, and costs will be part of this course, particularly under the World Health Organization (WHO) definition and perspectives about violence in the world in general, and violence in Costa Rica in particular.

This interactive, hands-on course offers a framework to integrate professional experience with functional communication and mediation skills. Students are encouraged to explore and develop their leadership into progress on matters of public health importance. Mandatory fieldwork sessions at an elementary school, clinic, nursing home, NGO, community, or prison enhance this challenging experience.

HIS 2302 Contemporary Latin American History 3CR

This course is a survey of the main events of the Latin American History after its independence. Topics include the historical causes and effects of the independence, some of the main issues on social, economic, and political problems and the main historical leaders in modern Latin America.

HIS 3130 Sustainability and Resource Management in the Ancient World 4CR

In this course students, will learn about the relationship ancient civilizations like Egypt ,China, Mesopotamia, India, Greece, Rome, the Celts, and the Pre-Columbian Americans had with their environment. Students will explore how these cultures interacted with nature and manager sources ,island ,forests ,water ,and minerals. Also, they will be able to identify the main characteristics that allow civilizations to create a sustainable relationship with their surroundings and habitat if the case. This historic overview will allow students to compare our present-day societies with the Ancient World.

HIS 3293 Costa Rican Health Care System and Tropical Medicine 4CR

Costa Rica's healthcare system is unique due to the fact that it's socialized and has achieved excellent health indicators. The course focuses on the history and development of the public health care system within the context of the Costa Rican socio political and economic situation. It also gives a strong emphasis on how the system actually works and points out not only the strongholds of the systems, but also its weak points. During this course we will discuss different tropical diseases, some very common for countries not developed, and strange for people from North America. Students will learn about the prevention and transmission of relevant tropical diseases.

HUM 2100 Introduction to Video Creation 4CR

This course will provide the basic tools to produce video projects for a wide array of purposes: from social media posts to fiction or documentary pieces, considering the different stages of audiovisual production. The objective of this course is for students to create a project which reflects both an original idea and a clear understanding of the practical and conceptual aspects of video creation.

The course will enable students to develop an original screenplay, define and organize the required resources to produce the project, record it and edit it. Technical aspects (such as camera, lighting and sound) will be studied theoretically and then put into practice in the campus' film production facilities. Additionally, the student's projects will be partially produced during class hours in collaboration with their classmates.

HUM 3150 Indigenous Ecology and Sustainability 4CR

As since 20th century, modern human influences are being increasingly recognized as having negative human and environmental impacts, now we need different approaches for a sustainable living. The study of local and traditional environmental wisdom entails longterm bodies of knowledge derived from unique worldviews that are deeply embedded in culture and traditions; as individuals use to interpret and make sense of the different human beliefs and assumptions, the communities display practices and experiences involving multiple environmental interactions. Considering this, indigenous ecology linked to agriculture and sustainability insights have an enormous value in terms of current and future human and environmental health and wellbeing.

This course introduces the study of indigenous and local approaches to nature, providing a background in agriculture and sustainability with the aim that students make appropriate and informed choices regarding their own current and future role in sustainability. Throughout this class we will study the learned lessons along 15 years of projects done in indigenous and peasants' LATAM communities, focusing indigenous (agro-) ecology and sustainability.

Emphasis is put on study cases done in Costa Rica showing topics of world scope and significance –ecological awareness, indigenous cosmovision, system's resiliency, environmental policies framed within particular historical perspectives– including additional information from study cases done in Peru and Panama, among other LATAM countries.

HUM 3513 Costa Rica Colloquium: History and Culture 3CR

If we do not know where we come from, we cannot know where we are going. This course provides a new way of learning: Looking back, each one in his "back", which allows to have more perspective on our daily walks in today's world. Sustainability is actually "a legacy for the future." Such true sustainability not only requires being aware of each one's past—our culture and environment, but occupies, now more than ever, an introspective look in time and space. The history of many countries of the Abya Yala (an old name of the American continent) is a vision of the agro-environmental history and culture. The history in Costa Rica is linked to the ways in which its people use their natural gifts.

Only by deeply understanding such complex relationships, can we opt for a harmonious future that preserves our well-being—that of people and the planet. In this course the agro-environmental, socio-economic, and political features that have shaped and defined the history and development path of Costa Rica will be explored. The major social issues that have emerged to the present day will be uncovered to provide the student with an understanding of how Costa Rica's present-day culture has been shaped. A culture that tries to follow a sustainability path; where the simplest way to define sustainability is to see it as the options of having a harmonious future with total well-being.

MGMT 3020 Renewable Energy and Resource Management 4CR

This course provides an introduction to renewable energy resources and resource management, with an emphasis on the use of alternate energy sources such as solar, wind power, geothermal, and hydrogen. This course will consider society's present needs and future energy demands, examine conventional energy source and systems, including fossil fuels and then focus on alternate, renewable energy sources and how to manage them.

We will cover the economic and social impact that both, conventional and renewable energy resources have on society. The students will have the opportunity to visit several projects related to hydrogen production's plants, windmills and solar panels all national and multinational projects dedicated to the supply of energy.

MGMT 3030 Creative Leadership Skills 3CR

This course allows the fusion of notions in biology, psychology and brain my steries, management, planning and goals achievement. As previous quote mentioned, art and science go hand in hand; they complement each other just as our two cerebral hemispheres do when they work creatively. Today, more than ever, authentic sustainability as well as the new education for transformation, deserves a good dose of creativity, leadership, and innovation. Doing it through the development of a practical workshop from the students, offers an innovative way of learning by doing and gives them the opportunity to put into practice the possible diverse creative ideas that are in their brains , may be hidden ideas—even to themselves.

Today, you this dejected by the crisis of crises of dystopian modernity, but if we are able to resort properly to our elevated and internal human tools, always will allow us to see a way out, a light at the end of the tunnel. The class aims to develop the personal creativity and its uses for leadership and communication; as well, as the understanding of different leadership theories in order to become better leaders and be able to interact and manage with different groups.

MKTG 3010 International Marketing Management 3CR

This course explores basic concepts and tools of international marketing, for the growth of business abroad. The course's design seeks to prepare the student for the professional and business labor market with the knowledge, skills, attitudes, and values necessary to meet the current requirements of international markets. The study plan shows proposals that respond to these opportunities and therefore to the current demand in terms of increasing products and services outside the borders.

The student will be able to understand the needs of people based on the trends of the national, regional, and global markets, to propose high-impact commercial and sales strategies. Students will take advantage of the experience of being in a foreign country as a window to view some marketing processes (what kind of process?) from a different perspective and propose ideas through work to achieve the objectives of the class.

MKTG 3150 Sustainable Consumption & Production 3CR

This course provides the student with an introduction to the concept of sustainable consumption and production (SCP)¹ recognized by the United Nations Conference on Sustainable Development (Rio+20) in 2012 as being "one of three general objectives and indispensable requirements for sustainable development [and that] fundamental changes in the way societies produce and consume are indispensable for achieving global sustainable development" .

It was at this conference that the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns (10YFP)² was adopted. This was followed in 2015 by the United Nations General Assembly's adoption of the 2030 Agenda for Sustainable Development with its 17 Sustainable Development Goals (SDG)³, goal 12 of which being Sustainable Consumption and Production. The course draws on the resources of the 10YFP in

support of the standalone SDG #12, and specifically its information and knowledge platform on SCP to enable stakeholders to share tools, initiatives, and best practices, as well as subsequent tools, materials and have resulted from the COVID-19 pandemic. The latter having provided us with both new challenges and new opportunities.

PHIL 3100 Philosophy and Integrated Thought of the Classical World 3CR

This course is an overview of the thoughts and selected concepts in major eastern and western philosophical movements and systems from ancient to the middle age periods. Students will reflect on certain topics such as mind-body, Concept of God, knowledge of self and others, predestination and free will, cause and effect and other fundamental ideas in classical knowledge.

PHOT 2100 Ecological Photography 4CR

The basic functions of a photographic camera are studied in the course, in order to have an efficient control when making a photographic shot in any scenario, emphasizing issues related to nature and ecology. In addition, students explore the diverse ecosystems of Costa Rica, understanding their differences and the resources that make them unique. Terms related to the golden number and fractals are analyzed, basic geometry present in nature, and the importance of photography in the processes of environmental conservation as well as the documentation of the direct damages of development and consumerism over it.

PHOT 2130 Cultural Photography 3CR

The objective of this class is for students to develop tools to experience, explore and document culture through photography. Through this process students will consciously study and record their current surroundings from a more socially and historically aware perspective, as opposed to a superficial observation. The basic functions of a camera are studied in order to have an efficient control when taking a photograph in any scenario, as well as the fundamentals of digital image manipulation. Additionally, students will reflect on the definition of culture, as well as the ethics involved in capturing images of other people and their surroundings. Through this process, students will be able to approach cultural exploration while taking into consideration creative as well as the human aspect of photographic creation.

POL 2500 Human Rights in Latin America 3CR

This course will provide students with an introduction to the issues surrounding the development and abuse of human rights in Latin America. Students will explore the most recent advances in this field along with the most pertinent problems pertaining to their adoption and implementation. A particular emphasis will be given to the case of Costa Rica, giving the students an opportunity to explore the development of human rights in the following areas: women's rights, children's rights, HIV/AIDS, the CAFTA agreement and labor rights, indigenous groups and human rights, disability and age issues, and the prison environment.

Specific attention will be given to testimonies of human rights abuses and the development of the Costa Rican legal framework in relation to these aforementioned areas. By analyzing these cases and the issues involved, students will gain an understanding of how human rights are being implemented through Costa Rica's laws, policy framework and its institutional commitment to human rights.

POL 3100 Costa Rican Tradition: Peace and Democracy 3CR

This course is a general survey of the complex social and political heritage of Costa Rican society, examined through a comprehensive and multidisciplinary view focusing on the historical development and present-day dynamics of economy, society, polity, natural resources, and culture. This course analyzes the growth of Costa Rican culture through its history, studying the development of those elements that relate to the values of peace and democracy, which have become the standard bearers that identify this society.

Emphasis is paid to the way these basic principles are enriched, highlighted, and respected in different periods of history, to the point of becoming firmly entrenched in the value systems of society. Special attention will be given to contemporary issues of peace, democracy, environment, economic and political trends, population, and the emergence of old and new paradigms and ideological movements.

POL 3220 Migration, Globalization and Social Change 3CR

This class studies the different type of migrants during Globalization, the construction of migrants as others, the management of their image by media, the different forms in which migrants interact with the local culture (its dynamics and results), and elements pertaining human rights and citizenship in the cases of immigrants. The class starts with a general introduction to the subjects of otherness and exclusion, and the way in which not being like “the majority” in/of Society—or what it expects its members to be—creates a dynamic of exclusion. We will look briefly at the ways this has been demonstrated in other moments and places in history. The analyses of otherness and exclusion will be oriented in this direction.

The class will continue to study on attitudes of xenophobia towards migrants, mainly towards Nicaraguan inhabitants in Costa Rica; and a political, social and economic analysis of the situation of Nicaraguans in Costa Rica and how it differs with other migrants in Costa Rica. The class will close with an attempt to compare the studied situation with the case of migrants in the United States.

POL 3420 Costa Rican Environmental Policy 4CR

This course will explore the dynamics of environmental management, environmental histories, policy, politics, and action in the case study of Costa Rica and beyond. It will study environmental history and policy at a regional and national level; it will explore the emergence of Costa Rica’s cutting edge environmental politics and governmental commitments (the greening of the public sector and carbon neutrality and others); it will look back at Costa Rica’s conservation history and critically review its conservation and sustainable development model; it will present an understanding of the ‘state of the nation and region’ in regard to environmental indicators (land use methods and statistics, deforestation and reforestation data, contamination and waste indicators); it will identify the individuals and organizations working on taking authentic action in environmental protection; it will take a close look at how government policy translates into practice by reviewing cases studies of community and grassroots action in forestry, organic farming, recycling, cooperatives, and community environmental groups; and lastly, it will address some of central issues and challenges facing these activities and the resultant environmental conflicts.

POL 3450 International Relations in Latin America 3CR

This course will review the International Relations in Latin America, highlighting the most important facts that mark the politics in the region for the current era, specifically analyze tensions between sovereign rule and foreign hegemony, first by Spain and Portugal, later with Great Britain and other European colonial powers, and currently with the United States. An elementary introduction to class struggle and oligarchical domination, the rise and fall of Imperialism, military interventions, corporate banking, the role of national and foreign investments. Examples of diverse phases of economic systems, conservative ethnic and cultural resistance to change, as well as totalitarian, liberal and socialist revolutionary change.

PSY 2200 Health Psychology 3CR

The bio psychosocial model (abbreviated "BPS") is a model or approach that focuses on the biological, psychological, and social factors of the mental disorders to better understand mental health. This course will use this model to analyze different mental disorders, symptoms and treatment. Participants will discuss the impact of social factors in the development of different mental disorders, know the theory behind the disorders and apply the information to class presentations and case studies. The course has a holistic view and, a multisystem, multilevel, and multivariate orientation, for the benefit of the student's future patients.

PSY 3050 Cultural Psychology 3CR

This course introduces students to the field of psychology that examines the influence of culture upon human behavior and cognitive processes. "Culture" is defined as the shared norms, values, and behaviors of groups and of the individuals in those groups. We will focus on such topics as cultural factors in self-concept, gender roles, motivation, cognition, emotions, relationships, and social values. Our exploration will be based on psychological theories, research, student/teacher presentations, and field experiences.

SOCY 3050 LGBTQ Diversity and Sexual Identity in Latin America. 3CR

This course will study the LGBTQI+ community and related social issues in the Latin American Context. Special attention will be given to the Costa Rican case study where sexuality, identity, expression, health, community, family, and other social, political and lifestyle issues will be discussed. This course offers students one of the only opportunities to study LGBTQ+ Latin American dynamics and issues. It is one of the first of its kind in the region and a pioneering offer for study abroad students in the Costa Rican setting.

This is a young but growing field of study in Latin America and definitely one that deserves much attention, especially as the Latin American region is home to some of the most homophobic countries in the world, and at the same time undergoing radical change in terms of its acceptance of the complete spectrum of sexuality and identity expression. This course has three main objectives:

- 1) students will be invited to explore LGBTQI+ Latin American community issues.
- 2) to appreciate how particular countries are advancing in relation to equality before the law while studying the social groups pushing for change.
- 3) to critically assess present day contexts that are struggling with recently developed anti-discriminatory frameworks.

SPN 3000 Introducción al análisis literario (Taught in Spanish) 3CR

This course introduces students to the study of literature in Spanish and presents the basic skills for literary analysis. The student will acquire the terminology and critical methods to produce informed readings of various genres. The course will also introduce basic concepts of literary theory. The discussion, assignments, and papers will be in Spanish.

SPN 3020 Lecturas Selectas de la Literatura Latinoamericana (SPN) 3CR

This course is designed to provide an overview of the main Latin American authors and Latin American literature in general. The course begins with contemporary authors and continues until the first representatives of this literature.

SPN 3050 Fonética y Fonología (Taught in Spanish). 3CR

En este curso se estudian algunos conceptos básicos de la Lingüística, de una manera sencilla pero progresiva, para aprehenderla mecánica de la pronunciación de los sonidos del español, características de su articulación y la representación gráfica de sus fonemas. Además, se analizan algunas variantes dialectales del español americano.

SPN 3070 Introducción a la Traducción (Taught in Spanish) 3CR

This course is directed at those students that want to acquire the tools, theories and practice in translating from English to Spanish. The objective of this course is for the student to understand the meaning of the text in English and translate it to the target language with the following goal: to create an equivalent relationship between the text origin and the translated text so that both communicate the same message.

SPN 3420 El cuento Centroamericano (Taught in Spanish) 3CR

The story has a long tradition in Central American literature. It is nourished by different influences and inputs: pre-Hispanic oral traditions, medieval Spanish literature and early modernity. However, storytelling has occupied a lower rank compared to poetry and the novel, which for long periods have been understood as the literary genres of more relevance and significance. The course is dedicated to the critical reading and analysis of this Central American short story of the 20th century and the beginning of the 21st, with special emphasis on the most recent trends, in the Central American regional context from a comparative perspective and contrastive, recognizing the historical processes in which narrative texts are produced.

SPN 3520 Dialectos Latinoamericanos (Taught in Spanish) 3CR

The student is able to function naturally, with little effort in different cultural interactions, since he or she has enough linguistic resource that allows him or her to communicate fluently and spontaneously in situations with a certain degree of complexity or external interference. In addition, he or she also recognizes the denotative and connotative meaning of dialectal Spanish expressions. He or she can comment on criteria such as: religion, politics, art and history, as well as specific aspects of each culture of our Latin American countries.

This course answers the question: How to interact with Latin American natives in different cultural contexts, through the effective and efficient use of the dialectal variables of American Spanish?

To answer this question, the countries of Central America and South America will be studied as thematic axes. Historical aspects of the Conquest and its influence on dialectal diversity.

SPN 4110 Escritoras Contemporánea Costarricenses (Taught in Spanish) 3CR

At the end of the course, the student is able to understand the development of Costa Rican female literature of the 20th-21st century. In addition, is able to recognize the historical processes in which the work is produced.

SPN 4330 Tópicos Selectos en la Literatura Española (Taught in Spanish) 3CR

The student acquires a general vision of Spanish literature from its beginnings to the first half of contemporary literature (20th century). In addition, he becomes familiar with a general overview of each period in which Spanish literature has been divided, as well as its main characteristics. The most representative texts of the exponents of each period are also studied.

SPN 4390 Literatura Latinoamericana en el Cine (Taught in Spanish) 3CR

This course intends to study some cinematographic productions based on texts literary of renowned writers of the so-called boom Latin American. The course is based on the analysis and discussion of the main characteristics of the culture, values and themes of the Latin American reality present in sayings literary and cinematographic samples.

SPN 6302 Estudios de pragmática en el lenguaje (Graduate students) 3CR

This course is intended for students who want to perform fluently and interact with command of the language in situations of personal and social life. In addition to using the language with linguistic nuances, idiomatic expressions and colloquial forms to apply with propriety, precision and ease. Operate in various contexts with comfort and interact and provide opinions. The graduate student will conduct an investigation in a Some topic of the pragmatics of language.

SPN 6070 Introduction to Translation (Graduate students research project) 3CR

This course is aimed at students who want to know the theoretical principles and Methodological of the translation studies, with its practical applications, levels of analysis of language and of communication in its applied aspects, that is, linguistics applied to the translation. In addition, acquire basic notions of various fields of knowledge, which allow the correct interpretation of all types of texts.

SUSD 3000 Sustainable Lifestyles: Nine Dimensions of Healthy Living 3CR

The 21st century has brought with it a steep increase in health concerns, from stress, drug addiction and heart-related conditions to loneliness and depression. Young adulthood entails critical life transitions and therefore people in this period of life often experience health concerns more than any other.

How do young adults sustain well-being and create healthy lifestyles they can enjoy throughout their lives? This course combines research on meta-analyses of the elements that lead young adults to well-being and success, as well as includes "me-search" where course participants can

learn how they themselves fine-tune their own healthy lifestyle. The course explores 9 dimensions of healthy living: physical health, psychological and emotional wellbeing, educational attainment, ethical behavior, relationships, constructive engagement, executive functioning and life skills, civic engagement, and spirituality.

SUSD 3100 Gender and Sustainability 4CR

This course will explore and analyze the intersectionality between gender, socio-economic discrimination, and sustainable development. There will be a special emphasis on the Latin American region and in particular the case study of Costa Rica. The local and regional cases studies will be put in their global, historical and present-day contexts. Students will finish the course with a profound understanding of the situation of Latin American and Caribbean women in relation to the environment and gender dynamics. Major challenges, advances, and the overall unfolding of sustainability with the key axis of equality will lead the discussion.

SUSD 3150 Systems Thinking and Sustainability 3CR

This course provides students with an introduction to systems thinking within the context of sustainable development and the need for a change of perspectives in a globalized, post-pandemic world facing climate change. It examines systems thinking theory in a fun and dynamic manner with practical examples taken from everyday life as a means to gain a greater understanding of how and why systems work the way they do. Students will learn to discover, understand and appreciate the systems of which we are part, how we function (or don't) within them as individuals and as society, and to hone our skills so our involvement in systems dynamics—whether at the personal, local, national, international or global levels—can contribute to sustainable development in a constructive manner and positive outcomes over time.

The 17 Sustainable Development Goals (SDG) included in the 2030 Agenda for Sustainable Development adopted in 2015 at the 70th Session of the United Nations General Assembly provide a backdrop to the course. In addition to the bibliographic material in the references below, the course draws on a wide and dynamic range of resources to enable a critical analysis of the systems currently operating within our globalized world. These resources specifically provide an opportunity for students to identify, examine and engage in current on-going issues relating to the five critical dimensions of sustainable development: People, Planet, Prosperity, Peace and Partnerships, also known as the 5P, within the context of climate change and key concepts associated with sustainability, such as ecosystem services, circular economies, well-being, and vulnerability.

THEO 3150 Major World Religions

This course will touch base on the major world religions, such as Judaism, Islam, Buddhism, Hinduism, and more. We will focus on the dialogue and discussion of the following aspects: origins and mythology, main beliefs, concepts of God, sacred texts, rituals, main differences, and similarities.