

Invitation to Faculty: Choose One or Two Topics for Collaboration

Workshop (6 hours) or conference (2 hours):

Name of program	Topic
Economics	<ol style="list-style-type: none"> 1. "Time series econometrics: Short class about empirical applications of ARMA models 2. Oil prices shocks: Geopolitical events from 1970 to 2022 and their impact in oil prices 3. Chinese Electric Vehicles and European Union measures: What is the EU doing to mitigate the entrance of Government-subsidized Chinese EV" 4. Drivers of international inflation post COVID-19 <p>"Time series: Some of the following topics should be covered: Box-Jenkins approach to ARIMA models, that is Identification, Estimation, Evaluation and Forecasting. Fundamental concepts such as stationarity, random walks, seasonality, and co-integration.</p> <p>Impact evaluation: Theory of change, understanding the counterfactual, choosing an impact evaluation design and how to execute"</p>
Master's Degree and Specialization in Human Talent Management and Bachelor's Degree in Commercial Engineering	<ol style="list-style-type: none"> 1. Key Indicators or OKR for business processes in service companies <p>From the perspective of operational excellence and agility, what should be the key indicators of business processes for service companies, e.g., health, education, tourism.</p>
Financial Engineering	<p>Development of the finance engineering</p> <ul style="list-style-type: none"> - The Development Process of the Financial Engineering Career and Its Importance in the Creation of Financial Instruments.
Master and PhD in Environmental Sciences	<ol style="list-style-type: none"> 1. Environmental Management and Impact Assessment: <ul style="list-style-type: none"> • Environmental Analysis and Monitoring • Integrated Environmental and Quality Management Systems • Environmental Management and Health • Environmental Impact Assessments: Social, Economic, and Environmental Dimensions • Environmental Quality and Its Ecosystem/Human Well-being Linkage • Environmental Policy, Standards, and Legislation • Environmental Education and Promotion 2. Environmental Engineering: <ul style="list-style-type: none"> • Technologies for Waste Treatment and Utilization

	<ul style="list-style-type: none"> • Technologies for Water Reuse and Potabilization • Environmental Safety • Pollution and Environmental Liabilities Analysis • Environmental Remediation <p>3. Species and Biodiversity Conservation:</p> <ul style="list-style-type: none"> • Ecosystem and Protected Areas Management • Rational Management and Use of Natural Resources • Species Conservation and Propagation • Landscape Ecology • Urban Ecology <p>4. Environmental Economics, Sustainable Development, and Well-being:</p> <ul style="list-style-type: none"> • Natural Resource Economics • Human Ecology • Ecosystem Services Analysis and Valuation • Environment, Sustainable Development, and Society <p>5. Global and Climate Changes:</p> <ul style="list-style-type: none"> • Climate Change Adaptation • Climate Change Mitigation • Climate Studies and Their Environmental Impact • Environmental Risk Analysis and Management
Master and PhD in Environmental Sciences	<p>Comprehensive management of massive influxes of sargassum</p> <ul style="list-style-type: none"> - Case Studies and Success Stories. Examples of Successful Sargassum Management Initiatives. Lessons Learned and Best Practices. Replicability of Successful Approaches
General studies	<p>Environment and Culture</p> <p>1. Greenhouse gases are those gases that accumulate in the Earth's atmosphere and absorb the Sun's infrared energy. This creates the so-called greenhouse effect, which contributes to the increase in the planet's global temperature. It is very important to know what these greenhouse gases are and how human action has been crucial in their development, which has led to creating a harmful effect on the Earth.</p> <p>2. The Paris Agreement includes commitments by all countries to reduce their emissions and work together to adapt to the impacts of climate change, as well as calls for these countries to increase their commitments over time. The Conference of the Parties (COP) is the Annual Summit held by the United Nations Framework Convention on Climate Change</p>

	(UNFCCC) where the 196 countries plus the European Union that make up the Parties meet. They make decisions in relation to the Paris Agreement agenda.
Languages with a Major in English	Applied Computer Science in Translation Exploring the seamless integration of computer science tools and technologies into the translation process, utilizing computational methods to boost efficiency and accuracy. It should include machine translation, computer-assisted translation tools, natural language processing, and language technology. Discover how these cutting-edge technologies aim to support translators, streamline workflows, and elevate the overall quality of translated content. "
Civil Engineering	Feasibility studies and budgets Develop feasibility studies for engineering projects and civil works budgets.
Industrial Engineering and other degree programs	Behavioral economics Study that explores how psychological, cognitive, emotional, cultural, and social factors influence the economic decisions of individuals and institutions. It challenges the traditional economic assumption that humans are rational actors who always make decisions that maximize their utility.