Modelo Educativo **PUCP**



LLEVA TUS Cursos en 100 és 2025-1













History of Industrial Design

código: DIN230

comprehensive This course provides a and engaging overview of the discipline's historical evolution, capturing the interest of students from various fields. Throughout the course, participants gain a profound understanding of the universal history of everyday objects-from the Industrial Revolution to the present day-exploring their relationships with the context and historical moment. The curriculum delves into various aspects, including schools, design movements, and notable designers, all supplemented by compelling examples enrich visual that the learning experience. In addition to developing an understanding of the importance of design in technological, cultural, and social contexts, the training explores the boundaries of the discipline in relation to other creative areas, fostering interdisciplinary dialogue. Students learn to responsibly analyze the socio-environmental impact of their proposals, identify the needs of their surroundings, and reflect on the impact of their professional actions.



DOCENTE: Claudia Cardenal







Contemporary Art Seminar



Contemporary art is a wide and complex field whose limits are in constant movement. The course has been designed to offer a general overview on the main topics and trends in contemporary art, from the 1960s to the present. The seminar has been divided into 3 units, each with its texts and visual material. Unit 1 discusses how the idea of art has changed in time, since the Renaissance to the present day; Unit 2 presents the different styles and strategies of contemporary art; and Unit 3 talks about the artworld, its characters and different roles and objectives.

The different art movements and postures will be presented by studying certain artists and artworks as examples. A visit to the MAC or MALI museum is included in order to study Peruvian contemporary art on site. Although the main examples of each topic will be showed using international cases, the course also focuses on some Peruvian examples. The main objective of the course is to present a panoramic view of the different postures and strategies in contemporary art, and at the same time expecting the student to adopt a critical approach towards each case.



DOCENTE: George Clarke



Cursos en ingés 2025-1



Music Management

código: 1MUS74

This is a theoretical and practical course designed to help students understand, analyse, and manage artistic projects and key areas related to music production. It contributes to the general competencies of performing arts production, as well as the analysis, design, and sustainability of projects.

The course covers a range of essential topics, including an overview of the Peruvian music market, consumer behaviour and market dynamics, music service providers and key stakeholders, financing strategies, sales strategies, marketing, entrepreneurship, and sustainability.

The course focuses on providing students with analytical and managerial tools that they can apply to their own music projects or in support of external projects they may be involved in. With a strong theoretical and practical approach, Music Management aims to train students in critical thinking and evidence-based decision-making, enabling them to make informed choices in key aspects of their careers.



DOCENTE: Miguel Tomas







Instrument 3 (popular guitar)

código: MUS119

The purpose of this course is to equip students with the necessary competencies for diverse guitar instrumental practice. The course will focus on developing students' technical and interpretive skills, guided by the objectives and skill guidelines established for each semester. Throughout the course, students will progressively apply theoretical harmonic and melodic concepts to their instrumental guitar performance through technical exercises (scales, arpeggios, cadences, articulation, ornaments, and other instrument-specific practices); repertoire pieces, which will include music literature from all eras and "in-instrument" styles; and the analysis of representative pieces, focusing on their harmonic, melodic, formal, and stylistic aspects.

Students will be regularly exposed to both solo and duo performance experiences with the teacher, encompassing accompanying, harmonizing, soloing, ad-lib transposition, sight-reading, and improvisation. These experiences will prepare them for rehearsals, auditions, recordings, concerts, and all musical projects involving instrumental guitar performance, both within and outside the school setting.





DOCENTE:

Diego Salvador





Investment Decisions



This is a theoretical-practical course aimed at evaluating the capital budget of a project for investment company or and disinvestment purposes. To this extent the course contributes to the following two competencies: (i) evaluates investment and financing decisions with the purpose of contributing to maximizing the value of the organization, and (ii) uses mathematical reasoning to interpret information and solutions to propose academic and everyday life problems. Topics include the valuation of fixed and variable income instruments, as well as the principles of modern portfolio theory, the application of Capital Asset Pricing Model (CAPM) and the cost of capital, using an activepedagogical methodology collaborative with the support of computer tools.



DOCENTE: Alfonso Yong







Deterministic Models

código: 11ND47

This is a theoretical-practical course that focuses on problem solving and design. Problem solving consists in relating a linear programming model to a simple industrial engineering problem to propose a solution method, building a mathematical model into account taking the specific characteristics of the identified problem, and then obtaining a solution using mathematical and computational linear programming tools. design, complex mathematical For the models of linear programming are related to industrial engineering problems present in organizations related to the productive and service sectors. Furthermore, a solution method is selected and applied to solve the problem. The course also contributes to lifelong learning and teamwork.



DOCENTE: Eduardo Carbajal







Mobile Networks Engineering



This is an advanced theoretical-practical elective course within the wireless and optical technologies curriculum, contributing to the development of the second competence (C2) and sixth competence (C6) in the graduate profile. It includes topics such as description multiple technologies: of access FDMA/TDMA, CDMA, and OFDMA; detailed review of LTE and LTE-Advanced (4G) mobile operation, functionality, systems' and fifth-generation (5G) capacity; mobile of mobile networks, analysis network applications such as IMS, including voice over LTE (VoLTE), voice over new radio (VoNR), and introduction and discussion of future sixth-generation (6G) mobile networks.



DOCENTE: Jose Rodriguez







Integrative Ecology of the Central Andes

código:

The course starts with an introduction into basic concepts of ecology and then focuses on the presentation and analysis of some representative Central Andean ecosystems with a special emphasis on biodiversity, ecosystem functions and services. Another focus of the course is the current and past anthropogenic influence on these ecosystems and the analysis of how human activities changed the Andean ecosystems. Finally, large scale problems such as climate change and related impacts on the water cycle in Andean ecosystems will be discussed.



DOCENTE: Karin Bartl



DOCENTE: Fernando González







Tissue engineering

código: 11BM20

The course is designed to cover various fields related to tissue engineering, each representing a different organ. It will latest technologies introduce the developed in tissue engineering, focusing specific tissue characterization on methods for diagnostic purposes, as well technologies for predicting as interventions and other therapeutic applications in tissue engineering. During the course, students will have the opportunity to analyze recent trends in tissue engineering, both in research and clinical applications. For each class, supplementary materials, including literature, videos, and documents, will be provided.



DOCENTE: Suyeon Kim







Topics in Mechatronic Engineering H

código: 1MTR19

This course focuses on the large volumes of data generated in the industrial sector, such operations, manufacturing machine as processes, maintenance events, and process operations, among others. In today's highly competitive business environment, it is crucial to companies apply sophisticated for analytical tools to manage this data and gain deeper insights into their activities. The course will provide students with knowledge of advanced technologies such as highcomplexity signal processing, machine learning, and predictive analytics-essential for transforming massive industrial data into valuable information that helps optimize design, increase productivity, and improve operational efficiency in the industry.



DOCENTE: John Taco

Cursos en ingés 2025-1



Facultad de Ciencias Sociales

Macroeconomics II

código: ECO293

The main objective of the Macroeconomics II course is to provide students with the main modern tools for macroeconomic analysis. To do so, very well-known models for long-term analysis macroeconomic (economic growth) and short-term (economic fluctuations) will be reviewed, using mathematical and statistical tools. For example, the Solow model, the Ramsey-Cass-Koopmans model, DSGE models, among others.



DOCENTE: Jorge Pozo







Facultad de Ciencias y Artes de la Comunicación

CÓDIGO:

CCC372

History and future perspectives of video games

The course will give students an overview of the history of video games, from their beginnings in the 1950s as simple moving graphics on large computers to the rapidly developing mobile game. Through the analysis of advances in genres, gameplay, formats and other narrative and audiovisual help <u>students</u> elements, it will understand the video game as an art form, just like film, literature and music.



DOCENTE: Esteban Cueto







Facultad de Ciencias y Artes de la Comunicación

AI for Communications

código: CCC352

The course will introduce students to the general context of generative and nongenerative artificial intelligence (AI). It will provide a strategic overview of how local and international teams have used AI in journalistic (news and investigative), digital marketing, and audiovisual projects. Cross-cutting themes include the creation of digital products, audience management, content marketing, social media opportunities, and big data.

We will review emerging trends in the use of Al for the creation of digital content and reflect on the ethical criteria required. We will delve into the use of Perplexity, ChatGPT, and Claude, as well as the trained use of effective prompts. Also, we will review other Al tools to concretize the production of text, images, and audio. In addition, we will explore the dynamics of collaborative work with specialists in the use of Python and user interfaces for the creation of digital products.



DOCENTE: Luisa García







Topics of International Economic Law

código: DER639

The course covers the international laws regulating international trade, international investment, international financial institutions and the interplay of these rules with development.



DOCENTE: Victor Saco



Cursos en ingés 2025-1



Culture and Christianity



This theoretical and practical course aims to foster a critical and profound understanding of Christianity and its impact on contemporary culture, with a particular focus on the Latin American context. In light of the Second Vatican Council, the course will analyze key issues such as the relationship between Christianity and science, the principles of biblical exegesis, the Church interaction between and State. ecumenism, and interreligious dialogue. It will also address significant post-conciliar topics, including care for our common home, reflections on violence, justice, and mercy. Special attention will be given to Latin American realities, exploring Liberation Theology, the preferential option for the poor, and the interaction between popular Catholicism and evangelical churches. By the end of the course, students are expected to enhance their ethical and critical capacities, gain a deeper understanding of Christianity, and engage actively in promoting the common good.



DOCENTE: Carlos Piccone





Video games & Media

CÓDIGO: INT155 horario 1201

This course explores video games as a unique powerful medium and of communication, focusing on their ability to convey narrative through player interaction and engagement. Students will analyze how video games create immersive storytelling experiences require that active participation, shaping the way messages are communicated and understood. Through a combination of theoretical exploration and practical analysis, students will learn to critically evaluate communicative the potential of video games, examining their role in contemporary media and culture. By the end of the course, students will be equipped with the tools to assess the narrative and interactive dimensions of games and their broader implications as a communication medium.



DOCENTE: Leandro Gómez







Faith and Contemporary Culture

CÓDIGO: **TEO104** horario I201

The course will define the role of theological emphasizing the importance of inquiry, cultivating a reflective and critical faith while highlighting the essential role of intercultural within theology. Employing dialogue а historical-critical approach, it will explore the meaning of life as shaped by contemporary cultures. The course will address themes linking theology to both Peruvian and global contexts, including persistent inequalities, rights challenges, human democratic development, resurgence the of neoliberal fundamentalism, ideologies, intercultural engagement, and the ongoing ecological crisis. Ultimately, the course will theology illustrate how can provide meaningful insights and responses to these pressing and multifaceted issues that shape human experience today.



DOCENTE: Carlos Piccone







Public Management



This course explores public organization management through the lens of value generation, focusing on the differences public between and private organizations. Students will examine the role of the State, the distinction between 'public' and 'private,' and the unique aspects of managing public entities. The various public course covers management models, the structure and functioning of the Peruvian State and its institutions, as well as the political and which public institutional context in Additionally, management occurs. students introduced will be to fundamental concepts of Public Policy, central to the work of public organizations.



DOCENTE: Mariana Ballén Tallada







Innovation and Change Management



In a constantly changing world, innovation is the key to business success. Companies that effectively manage innovation grow faster, are more profitable, and adapt better to market shifts. Whether to seize new opportunities or solve internal challenges, innovation has become a crucial competitive advantage. However, being innovative requires more than just questioning, creating, and redesigning—it also demands talented individuals to lead change and generate value. These processes create tensions within organizational culture, making it essential to manage them properly to enable meaningful transformation.

This course helps students understand, analyze, and manage organizational transformation during periods of change or growth. Innovation is the key asset that organizations use to tackle challenges and develop creative solutions for the future. Therefore, the course covers the fundamentals of management, cultural transformation change methodologies, and the latest trends that organizations apply achieve successful to transformation processes.



DOCENTE: Gerardo Arroyo







Introduction to People Management

código: 1GES12

It is a theoretical course that is part of the People Management Concentration. It takes a process-oriented view and presents the effective, fundamentals for efficient aligned with organizational management needs, creating value through people. Students will be able to understand, analyze, and relate human resource planning based on the number and required competencies and organizational and job design, according to the organization's strategy and objectives. Additionally, they will learn about each of the processes inherent in people management: recruitment, selection, onboarding, training performance, development, and well-being, compensation and and organizational climate management. They will apply the acquired knowledge also in designing and proposing processes for a specific organization.



DOCENTE: Pamela Smith

