

DIRECCIÓN GENERAL DE
RELACIONES INTERNACIONALES **udp**

International English Offer at UDP

Course descriptions
and teacher profiles

Come study at UDP!



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Course descriptions and teacher profiles

UDP is highly committed to offering an international offer that has topics and teachers that can provide profound knowledge of local and global relevant issues to provide the best academic experience at our University. The following list of courses is offered through the year*.



* Not all subjects are available every semester, please confirm with the office of international relations. Teachers may change but generally have the same level of academic and work experience.

Python for Engineers

6 credits

Thomas Mädler (Germany)

Prof. Dr. Thomas Mädler holds a PhD., Technical University Munich/ Max Planck Institute for Astrophysics, Germany and is a lecturer at UDP since 2019. He has worked as academic assistant at the Disability Resource Centre and as a visiting professor at the Institute of Astronomy at the University of Cambridge (UK), as well as supervisor at the department of Applied Mathematics and Theoretical Physics at the same university.

This course is an introduction to scientific programming in PYTHON with applications in key areas of civil engineering including Data Science and Artificial Intelligence. The course introduces this modern programming language that is widely used in engineering, machining learning, scientific data analysis and also web programming, among others. The student will learn to implement mathematical techniques to solve numerical differential equations, as well as to analyze graphically and numerically the resulting data. Each student will work on a project that serves to complement the theoretical study, students will perform computational tasks that include both the use of terminal and of Jupyter notebook, in order to perform an analysis, modelling and resolution of problems of certain complexity related to modelling in the areas of Civil Engineering. These project are chosen freely by the students according to their interest in the area of industrial engineering regarding Data Science, machine learning and Artificial Intelligence.



Doing Business in Latin America

5 credits

Guillermo Ramírez (Chile)

Guillermo Ramírez has an MBA from Cambridge University and Masters in Economics & Public Policy. Over 15 years of practical business experience in a broad range of strategic leadership roles, managing commercial and technical teams with multiple stakeholders within dynamic matrix structures such as BHP (Mining Industry). Extensive experience in Commercial Development, Supply Chain, Contract/Project Management, Strategic Planning and Sales & Marketing. Broad experience within multiple industries and institutions (University of Cambridge President for its Society Cambridge Business association) and startups (from idea to successful exit phase) sitting in the board, in addition to being a University Professor (Chile's Top 5), providing a unique triple Corporate-Startup-Academic business perspective to evaluate challenges and achieve objectives.

In this course, the student will learn about the characteristics of the biggest multinationals, how they have built their domestic and international competitive advantage, and they will identify which are the challenges and innovations to achieve the sustainability of their superior economic performance. Themes that will be touched upon are: How do multinationals create competitive advantage? Driving forces behind business development in Latin America, Internationalization strategies, Innovation and entrepreneurship in Latin America.



Environment and Sustainable Development

5 credits

Claudia Gonzalez (Venezuela)

Claudia Gonzalez has a PhD. In Politics with specialization on International Political Economy and Development Studies from the University of Manchester. Parallel to her PhD she was a researcher at the Politics Department and Brooks World Poverty Institute, under the leadership of Joseph Stiglitz. She also lived in Argentina and has presented her book on Democracy in Latin America and papers in France, Ireland, México, and Argentina. She has always had a focus on the combination of economic development and political issues related to a variety of policies from countries all over the world.

The course program is designed to provide students with the tools to understand and analyze the concept of Sustainable Development (SD) and the environmental, social and economic effects it has in governments' agendas. The role of International Organizations and how different countries engage on this subject. In the last part of the course, students will be encouraged to apply the theory to specific Case Studies.



Indigenous Population in Chile and the Americas

5 credits

Alejandro Rossi (Chile)

Alejandro Rossi has a PhD from UC Davis in Spanish on Designated Emphasis and Human Rights Studies, as well as expertise in the field of Native American Studies. He has an extended experience as peer reviewer, received several fellowships, grants, presenting papers at conferences on indigenous topics from diverse perspectives from Chile and other countries.

The course's main objective is to read and analyze seminal works by authors from indigenous communities in Chile and the Americas to reflect on the colonization process and the imposition of the values of Modernity on the indigenous populations and territories that we inhabit today in the Hemisphere. We aim to recognize and value the worldviews of a range of Indigenous Communities (Mapuche, Quechua, Mayan, Zapatism, Mohawk, Anishinaabe, among others), with the intention of enriching and expanding our own perspectives about the world. To do this, we will specifically problematize the ideas of class, race, gender, and territory in order to comprehensively understand the diverse worldviews that meet and dispute in our 21st-century global societies.



Exploring the Solar System and Beyond

5 credits

Bin Yang (China)

Prof. Dr. Bin Yang is originally from China, she earned her PhD from the University of Hawaii, USA. For the past 5 years, she was a staff astronomer at ESO. She is interested in the formation of planetary systems, in particular, the formation and evolution of our Solar System.

This course will serve as a general introduction to Astronomy, including our cosmic address, a brief history of the universe, and basic astronomical tools and methods. You will explore our solar system, which is full of wonders: from the moon nearby to distant icy comets that lie at the edge of the solar system. You'll distinguish the planets by their properties, sizes, and unique characteristics. You'll learn about the ways in which we've explored the solar system in the past and the advancements being made for future explorations. This course is intended for students of all levels and disciplines and the studying materials will be presented rigorously but they don't require previous knowledge of physics or advanced mathematics for the students.



Zooming in and out: Scaling the Universe

5 credits

Scarlet Elgueta (Chile)

Scarlet Elgueta, Astronomer with PhD from The University of Tokyo, Japan, with a strong focus on spectroscopic observations, particularly of variables in the infrared bands. She is a scientist with a strong need to share/exchange knowledge with different people from diverse backgrounds to teach them about the universe in a practical and every day, hands-on way.

This course will help you defining reality requires the acknowledgement of the most inherent dimensions. We sense the passage of time by observing the movement of the sun up in the sky, providing us the notion of day and night. Such natural (and obvious) observations imply the realization of the basic three “units” that describe what we have been observing throughout the history of humanity. Those units are: Mass, in this simple case, the Sun that moves a certain distance (Length) in Time (a day). This lecture aims to review the methods that astronomers and other scientists have used to estimate distances in the Universe. From the very unimaginable quantum lengths to the immeasurable edge of our observable Universe. Allowing the student to reach a full realization of our place in the Universe, and understand how, from our very tiny spot, we’ve been able to reach extremely accurate measurements employing the scientific method



Women's Rights Movements: From Alaska to Patagonia

5 credits

Maria Teresa Durand (Argentina)

Maria Teresa Durand is a sociologist (Universidad del Salvador, Argentina) with postgraduate studies in social anthropology at Goldsmiths College (London, United Kingdom). She has carried out investigations applying qualitative and participatory methodologies with women and girls, and vulnerable/excluded groups for more than twenty years. She has a proven track record (2003-2012) as a British government civil servant in leadership and advisory roles on mainstreaming social development and gender equality into public policy programs (social benefits, private sector, infrastructure, health, education) in Africa (Somalia, Ghana), Eastern Europe (Moldavia, Ukraine), Western Balkans (Bosnia and Herzegovina, Kosovo), South Caucasus (Armenia), and Central Asia (Tajikistan, Kyrgyzstan).

This is an introductory course that provides students with an understanding of a wide range of US and Latin American feminist issues. The course offers an overview of ideas, discussions and recent debates concerning feminism and women's social mobilizations from the Alaska to Patagonia. We will investigate contemporary feminist thoughts from a variety of disciplinary perspectives and theoretical orientations. We will also think through the ways in which sex/gender, sexual desire and the body intersect with race, class, and the nation by looking at the US as well as selected countries in Latin America.





United States of America: A nation of Migrants

5 credits

Valeria Navarro-Roseblatt (Chile)

Valeria Navarro-Roseblatt is an experienced professor with a demonstrated history of working in the higher education industry. She holds a Doctor of Philosophy (PhD) on Latin American History from University of Wisconsin-Madison (US).

About the course: Beginning from current migration waves, this course addresses the international migratory waves to the United States that have shaped American society and culture since the end of XIX century, and the configuration of the United States as a center of several international migratory waves. Students will analyze critically international migratory waves to the United States and the influences of international immigrants on the United States society, considering the political, economic, and moral debate, as well as policies about international migration. At the same time, students will critically discuss about stereotypes regarding different international immigrant groups, and value given by the United States society to international migration and the imaginary of “a nation of migrants” through an array of sources and audiovisual resources.



UDP Law School Courses



International courts and politics

2 credits

Alexandra Huneeus (Chile)

Alexandra Huneeus holds a Ph.D. in Jurisprudence and Social Policy from the University of California, Berkeley and has focused her academic career on the international law of Latin America. She is currently a tenured Professor at the University of Wisconsin-Madison School of Law. The course introduces to the emerging international judiciary. It begins by introducing students to how international law works, and how courts matter to politics. It then introduces students to the different international courts by examining the roles they play: dispute resolution, enforcement, administrative review, rights review and criminal adjudication. The course concludes by examining three important current topics in the field of international courts: the relation of international courts to national courts; the international judiciary, and the normative legitimacy of international courts. The course is inter-disciplinary, combining readings in political science with cases and law texts.



Current trends on migration

2 credits

Dr. Felipe González (Chile)

Dr. Felipe González is the United Nations Special Rapporteur on the human rights of migrants, tenured professor of International Law at Diego Portales Law School, where he also is the director of the Master's program in International Human Rights Law. Human mobility has become a global phenomenon, as massive flows of migrants, asylum-seekers and refugees take place in all regions of the world. Chile is also part of this situation, with immigration becoming larger and more diverse over the last decade. This situation is a dynamic one, with changing trends. The course will review the most relevant of them at the international and Chilean level. It will also address the response from the international community at the Global (United Nations) and regional level (the Inter-American and European System), the migration policies of States at different regions of the World, and the migration measures adopted by Chile.



International criminal law

2 credits

Alejandra Castillo (Chile)

Alejandra Castillo is a Dr. iur. from the University of Freiburg, was a researcher at the Max Planck Institute for Comparative Law and International Criminal Law, international legal advisor at DKMS Foundation and is currently the director of the Department of Criminal Law and Criminal Procedure at the Universidad Diego Portales. The course provides an overview of the content, principles and evolution of international criminal law and the different judicial, international and domestic instances that apply it. To this end, the protection and international criminal institutions, the various international instruments and the relevant Jurisprudence will be critically analyzed.



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