

management science



PRESENTATION

The Ph.D. in Management Science has an emphasis on quantitative data analysis methodologies seeking the development of methods to apply, evaluate and develop methodologies in econometrics, psychometrics, and multivariate methods.

In this sense, this program aims to train Ph.D. students capable of facing new research developments in management science. There are two lines of research: (i) finance and (ii) organizations and management, articulated in the study plan through the disciplinary electives, in one of which the Ph.D. thesis must be developed.

OBJECTIVES

The general objective of the program is to develop autonomous researchers of excellence with theoretical and applied knowledge in the use of quantitative methods and tools that allow them to identify, manage and solve problems in the area of management science. For this, three specific objectives are proposed:

1. Contribute to the academic, scientific, and professional development of management science, in complex and changing environments, through the conceptualization and implementation of research designs and methodologies that allow contributions to expanding the frontiers of knowledge.
2. Promote the development of Ph.D. students as critical and autonomous thinkers capable of identifying, managing, and solving problems in management science.
3. Create and consolidate research teams and networks with universities and academics from national and foreign universities in the program's research lines, promoting scientific research development.

RESEARCH LINES

1. **Finance:** This line of research focuses on frontier research in finance rooted in the reality of Chile in order to create new knowledge and apply it to improve decision-making in public and private institutions.
2. **Organizations and management:** This line of research focuses on studying two aspects: how individuals and groups interact within organizations and how companies interact with each other and with consumers, employees, communities, and institutions.

APPLICANT PROFILE

This Ph.D. program is aimed at candidates possessing a bachelor's or master's degree, national or foreign, in the field of different areas of knowledge such as basic sciences, social sciences, and engineering sciences, who have an academic background of excellence and who are interested in contributing to the area of management science. Preference will be given to applicants whose training includes quantitative methods, statistics, or economics courses.

GRADUATION PROFILE

This program seeks to develop autonomous researchers of excellence in the program's lines of research. This is an academic program where knowledge of the areas of management, economics, and data sciences are integrated with an emphasis on quantitative tools. Specifically, those who graduate from the program will be able to:

- Conduct theoretical and applied high-level research in the program's research lines.
- Develop and disseminate new methodologies that can be useful both in the academic and business fields.
- Solve applied problems through advanced tools related to the research lines of the program.
- Disseminate the results of their research through the national and international scientific media.
- Develop academic projects that generate new knowledge in the discipline of the program.

CURRICULUM

SEMESTER 1	SEMESTER 2	SEMESTER 3		SEMESTER 4	
Data Management with R and Python	Data Mining		QUALIFYING EXAM		DOCTORAL THESIS PROPOSAL PRESENTATION
Multivariate Statistical Methods					
	Econometrics I	Econometrics II			
	Construction of Measuring Instruments	Structural Equation Modeling			
Research Workshop I	Research Workshop II	Research Workshop III		Thesis Proposal Workshop	
Topics in Organizations and Management	Topics in Microeconomics	Topics in Finance		Disciplinary Elective I	
Classic Management Topics				Disciplinary Elective II	
				Disciplinary Elective III	

SEMESTER 5	SEMESTER 6	SEMESTER 7	SEMESTER 8	
Thesis Seminar I	Thesis Seminar II	Thesis Seminar III	Thesis Seminar IV	DOCTORAL THESIS DEFENSE
Scientific Writing Workshop and Publishing Strategies	Case Method Teaching in Management			
Academic Portfolio Products				

ACADEMICS

ELISA ADRIASOLA BARROILLET

Ph.D. in Management, University of Western Australia, Australia.

ELISA ANSOLEAGA MORENO

Ph.D. in Public Health, University of Chile, Chile.

LUCIANA DE ARAUJO GIL

Ph.D. in Marketing and Retail, Michigan State University, USA.

CAMILO DRAGO CABALLERO

Ph.D. in Management, Adolfo Ibáñez University, Chile.

ELTON DUSHA

Ph.D. in Economics, University of Toronto, Canada.

RENÉ GEMPP FUENTEALBA

Ph.D. in Psychology, University of Girona, Spain.

NICOLÁS HARDY HERNÁNDEZ

Ph.D. in Finance, Adolfo Ibáñez University, Chile.

PABLO HENRÍQUEZ VALDEBENITO

Ph.D. in Complex Systems Engineering, Adolfo Ibáñez University, Chile.

ANDRÉS HERNANDO GARCÍA

Ph.D. in Economics, Harvard University, USA.

FERNANDO LEFORT GORCHS

Ph.D. in Economics, Harvard University, USA.

ANA SOFÍA LEÓN LINCE

Ph.D. in Public Policy, University of Chicago, USA.

NICOLÁS MAGNER PULGAR

Ph.D. in Management, Adolfo Ibáñez University, Chile.

JUAN MATTA NAVARRO

Ph.D. in Public Administration, New York University, USA.

FRANCISCO MORALES FLORES

Ph.D. in Business Administration, University of Colorado-Boulder, USA.

MARCO MORALES SEPÚLVEDA

Ph.D. in Economics, Boston University, USA.

PABLO NACHAR CALDERÓN

Ph.D. in Economics and Management of Organizations, University of Zaragoza, Spain.

HAROLD PAREDES FRIGOLETT

Ph.D. in Computer Sciences, University of Duisburg-Essen, Germany.

LORENA PÉREZ FLORIANO

Ph.D. in Industrial and Organizational Psychology, California School of Professional Psychology, USA.

MARCELA PERTICARÁ

Ph.D. in Economics, Texas A&M University, USA.

GABRIEL PINO SALDÍAS

Ph.D. in Economics, Southern Illinois University, USA.

VALENTINA REYES AHUMADA

Ph.D. in Management, Adolfo Ibáñez University, Chile.

PAULA RODRÍGUEZ OSSANDÓN

Ph.D. in Business Administration and Management, Polytechnic University of Catalonia, Spain.

GERMÁN RUBIO BRAVO

Ph.D. in Finance, Adolfo Ibáñez University, Chile.

JORGE SABAT SILVA

Ph.D. in Business Administration, Washington University in St. Louis, USA.

SERGIO SALAS LANDEAU

Ph.D. in Economics, University of Chicago, USA.

RAFAEL SÁNCHEZ FERNÁNDEZ

Ph.D. in Economics, University of Warwick, UK.

RENÉ SAN MARTÍN ULLOA

Ph.D. in Neuroscience and Psychology, Duke University, USA.

CLAUDIO THIEME JARA

Ph.D. in Business Administration, Autonomous University of Barcelona, Spain.

MIGUEL TOLEDO ALARCÓN

Ph.D. in Sociology of Public and Social Policies, University of Zaragoza, Spain.

MAURICIO VILLENA CHAMORRO

Ph.D. in Economics, University of Cambridge, UK.

FRANCISCO VILLEGAS PINUER

Ph.D. in Entrepreneurship and Management, Autonomous University of Barcelona, Spain.

JESÚS YEYES GÓMEZ

Ph.D. in Psychology of Human Resources, University of Valencia, Spain.

ANDRÉS ZAHLER TORRES

Ph.D. in Public Policy, Harvard University, USA.

APPLICATION PROCEDURE

Those who have obtained or possess a university academic degree certificate of Bachelor or Master or previous foreign training whose level and content are equivalent to that of the Bachelor's degree of at least eight semesters in duration in the program's discipline may apply for this program. The applicant is expected to communicate in Spanish orally and in writing and understand academic texts written in English. Previous training or knowledge in quantitative methods, statistics, or economics will also be considered as part of the selection criteria. However, the program's minimum contents are designed to gradually allow professionals from other disciplines to specialize in the area. The documents required for the application are the following:

1. Legalized photocopy, or a legalized with electronic signature, of Bachelor's degree certificate and, if applicable, Master's degree certificate.
2. Legalized photocopy, or legalized with electronic signature, of grade transcripts of the undergraduate level and, if applicable, of Master's courses.
3. Photocopy of the official identity document or passport.
4. Study objective proposal.
5. Letter of application indicating motivation or interest in joining the program.
6. Two letters of recommendation.
7. Curriculum Vitae.
8. Sworn statement of full-time availability to dedicate to the program.

There is a specific rubric to evaluate the background and interview of the applicants to choose those accepted to the program.

INFORMATION AND CONTACT

Sandra Jadue

sandra.jadue@udp.cl

Facultad de Administración y Economía,
Av. Santa Clara 797, Ciudad Empresarial.

ADMISSION 2024

Modality On-site

Applications June 1st – November 15th 2023

+ info en postgrados.udp.cl
doctorados@udp.cl

	5 AÑOS	UNIVERSIDAD ACREDITADA EN TODAS LAS ÁREAS
	Gestión Institucional, Docencia de Pregrado, Investigación, Docencia de Postgrado y Vinculación con el Medio Desde octubre de 2018 hasta octubre de 2023.	

udp FACULTAD DE
ADMINISTRACIÓN Y ECONOMÍA