

Research Center Millennium Nucleus Models of Crises: Student Training

Universidad Adolfo Ibáñez

Grant NS130017, Millennium Scientific Initiative, Ministry of Economy
Chilean Government



PhD and Master Fellowship Program

Our human capital training activities are based on Specific Objective 5: Training of students with mixed competencies in both computational modeling and analysis of complex social problems. Our students come mainly from the following PhD and Master programs:

DOCTORADO
EN INGENIERÍA
DE SISTEMAS
COMPLEJOS

The PhD in Engineering of Complex Systems (DISC), Universidad Adolfo Ibáñez, is a transdisciplinary program designed to train researchers capable of formulating, analyzing and solving engineering problems related to complex systems in which physical, human, biological and computational agents interact.

POSTGRADOS UAI | ESCUELA DE GOBIERNO
DOCTORADO EN PROCESOS
E INSTITUCIONES POLÍTICAS

The PhD in Processes and Political Institutions, Universidad Adolfo Ibáñez, is an interdisciplinary program aimed at training students in the intersection of different social sciences (sociology, history, political philosophy, economics) dealing with complex political problems of our time.

MAGISTER EN
ECONOMÍA
Y POLÍTICAS
PÚBLICAS
FORMACIÓN MULTIDISCIPLINARIA DE EXCELENCIA,
ANALÍTICA Y PRÁCTICA

Master Program in Economy and Public Policies, Universidad Adolfo Ibáñez. Interdisciplinary program aimed to train professionals with conceptual and quantitative skills for dealing with social problems.


MAGISTER
ANÁLISIS SISTÉMICO
Aplicado a la Sociedad-MaSS

Master Program System Analysis Applied to Society, Universidad de Chile. Program aimed at training students with a comprehensive ability to integrate complex theoretical and methodological tools from a systemic point of view.



PhD and Master
fellowship program

PhD Students

Identification	Program	Topic	Supervisor
Fernando Mora (physicist) / Work in progress	PhD fellowship, PhD Program in Engineering of Complex Systems, University Adolfo Ibáñez.	Forecasting catastrophes in Random Choice Model	Sergio Rica
Ricardo Valenzuela (sociologist) / Work in progress	PhD student at the PhD Program Processes and Political Institutions, School of Government, CONICYT fellowship.	The constitutionalization of the corporate sphere in the wake of economic crises	Aldo Mascareño
Camilo Drago (Management Sciences) / Finished 2016	PhD Management Sciences, University Adolfo Ibáñez, CONICYT fellowship.	Compassion in modern organizations	Aldo Mascareño
Marco Billi (economist) / Young researcher / Work in progress	PhD student, PhD Program Processes and Political Institutions, School of Government, CONICYT fellowship.	Energy crisis and the Chilean strategy 2030	Aldo Mascareño



PhD Students

Master Students

Identification	Program	Topic	Supervisor
Geraldine González (engineer) / Finished 2016	Master fellowship, Master Program in Economics and Public Policy of the School of Government, Universidad Adolfo Ibáñez.	AUGE Program. Crisis in the Chilean Health Care Insurance System.	Aldo Mascareño
Aldo Osiadacz (philosopher) / Work in progress	Master fellowship, Master Program in Contemporary Thought, Universidad Diego Portales.	Why we obey. A Reading from Arendt, Foucault, and Forti.	Rodrigo Cordero
Marco Billi (economist) / Finished 2016	Master fellowship, Master Program Systems Analysis Applied to Society, Universidad of Chile.	Environmental communication	Gabriela Azócar
Felipe Expósito (sociologist) / Work in progress	Master fellowship, Master Program Systems Analysis Applied to Society, Universidad of Chile.	Labor participation and constellations of social inclusion.	Gabriela Azócar
Juan Pablo Etcheverry (engineer) / Work in progress	Master Fellowship, Master Program Systems Analysis Applied to Society, Universidad of Chile	Organizational resilience. Premises of management in organizations.	Gabriela Azócar
Pablo Jeréz (economist) / Work in progress	Master fellowship, Master Program in Economics and Public Policy of the School of Government, Universidad Adolfo Ibáñez	Structural foundations of crisis narratives in the 2016 red tide crisis in Chiloe Island	Aldo Mascareño
Rodrigo Díaz (economist) / Work in progress	Master fellowship, Master Program in Economics and Public Policy of the School of Government, Universidad Adolfo Ibáñez	Systemic constraints in health care	Aldo Mascareño



Master Students

Short Stays

Our PhD and Master Fellowship Program includes different forms of financial support for research visits abroad of our PhD and Master Students



Student	Stay Program	City	Date
Fernando Mora PhD fellowship, PhD Program in Engineering of Complex Systems, University Adolfo Ibáñez	University of Niza	Niza	November 2017 /February 2018
Ricardo Valenzuela PhD student. PhD Program Processes and Political Institutions, School of Government UAI	School of Law, SciencesPo	Paris	September 2017/June 2018
Marco Billi PhD student, PhD Program Processes and Political Institutions, School of Government, CONICYT fellowship	Centre d'Economie Université de la Sorbonne	Paris	September 2017/October 2017
Aldo Osiadacz Master fellowship, Master Program in Contemporary Thought, University Diego Portales	Humanities school Universidad Nacional de San Martín	Buenos Aires	August 2016 / September 2016
Felipe Torres Young Research Nucleus Millennium Models of Crisis	University College of London	London	November 2016

Courses and Seminars - PhD

Another training strategy brings the scientific exploration and knowledge production of the Millennium Nucleus Models of Crises into specific seminars and courses related to our topics.



Professor	Course/Seminar name	Institution	Number of assistants
PhD courses			
Daniel Loewe	Justice and political institutions	PhD in Processes and Political Institutions, Universidad Adolfo Ibáñez, Chile	9
Aldo Mascareño	Crisis, governance, and constitutionalization in world society	PhD in Processes and Political Institutions, Universidad Adolfo Ibáñez, Chile	9
	Crisis in complex social systems	PhD in Engineering of Complex Systems, Universidad Adolfo Ibáñez, Chile	2
	Crisis in complex social systems	Seminar of the Graduate School in History and Sociology, Bielefeld, Germany	5
	Crisis in complex social systems	Seminar for PhD students at 7 th Congress in Sociology of Law, Brazil	7
Francisca Rengifo	Social and territorial policy. Transformation of the State	PhD in Processes and Political Institutions, Universidad Adolfo Ibáñez, Chile	9
Gonzalo Ruz	Data analysis	PhD in Engineering of Complex Systems, Universidad Adolfo Ibáñez, Chile	20

Master courses

Gabriela Azócar	Research methods: Network analysis, modeling, and simulation	Master in Systems Analysis Applied to Society, Universidad de Chile	10
Gabriela Azócar and Aldo Mascareño	Sociology of Crisis	Master in Systems Analysis Applied to Society, Universidad de Chile	6
Gabriela Azócar and Aldo Mascareño	Sociology of Crisis	Master in Strategic Communication, Universidad Adolfo Ibáñez, Chile	60
Rodrigo Cordero	Power. Reading in critical theory	Master in Contemporary Thought, Universidad Diego Portales	60
Daniel Loewe	Ethics and public policy	Master in Economics and public policy, Universidad Adolfo Ibáñez, Chile	98
Aldo Mascareño	Contemporary sociology. Crisis in complex social systems	Master in Economics and public policy, Universidad Adolfo Ibáñez, Chile	98
	Crisis in complex social systems	Master in Strategic Communication, Universidad Adolfo Ibáñez, Chile	30
	Crisis in complex social systems	Master in Systems Analysis Applied to Society, Universidad de Chile	10

Courses and Seminars - Master



Courses and Seminars - Undergraduate



**Undergraduate
courses and wider
audience seminar**

Undergraduate courses			
Mauricio Salgado	Quantitative research techniques I	Sociology Department, Universidad Andrés Bello	45
	Quantitative research techniques II	Sociology Department, Universidad Andrés Bello	45
Wider audience			
Millennium Nucleus Models of Crises	Spring School	Universidad Adolfo Ibáñez, Chile	110



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