

Double Degree Argentina - Germany



Ciencia Regional e Impacto Ambiental



Study contents



The programme combines the **environmental engineering competences** of the UTN with the **regional planning and government competences** of the KIT.

- Focus on anthropogenic pollution of air, water, soil and their management
- Basics of regional science: spatial ecology, economy and sociology
- Regional science and spatial planning challenges in developing and emerging countries
- Tools for the analysis of regional structures, developments and land use conflicts: qualitative and quantitative research methods, GIS...
- Methods, instruments and problems of spatial planning at local and regional level
- Institution building, action and network management in an international context



PARTNERS



Karlsruhe Institute of Technology

- Since 2009 merger of Forschungszentrum Karlsruhe GmbH, founded in 1956, and Universität Karlsruhe (TH), founded in 1825
- 24381 Students, 5183 Employees in education and research, 4215 Non-scientific staff
- Students:
 - Arts: 877
 - Sports: 487
 - Law, Economics and Social Sciences: 3833
 - Mathematics, Natural Sciences: 4042
 - Engineering Sciences: 14729
 - Science of Art, other courses of studies: 413
- Academic Offer
 - 63 Master programmes
 - 20 Doctoral Programmes



<https://www.kit.edu>



Institute of Regional Science - KIT



All over the world, problems of land use, damages caused by natural disasters and conflicts between land users increase. The Institute of Regional Science at the KIT, Germany, analyzes these structures and processes. With a focus on developing countries, the institute's interdisciplinary research staff develops regional and spatial planning concepts to meet these challenges. The institute's guiding principle is an active exchange of research and teaching at the interface of geo, environmental and social sciences. The Institute of Regional Science is where the master´s degree will be dictated.

[HOME](#) | [DEUTSCH](#) | [LEGALS](#) | [DATA PROTECTION](#) | [SITEMAP](#) | [KIT](#)



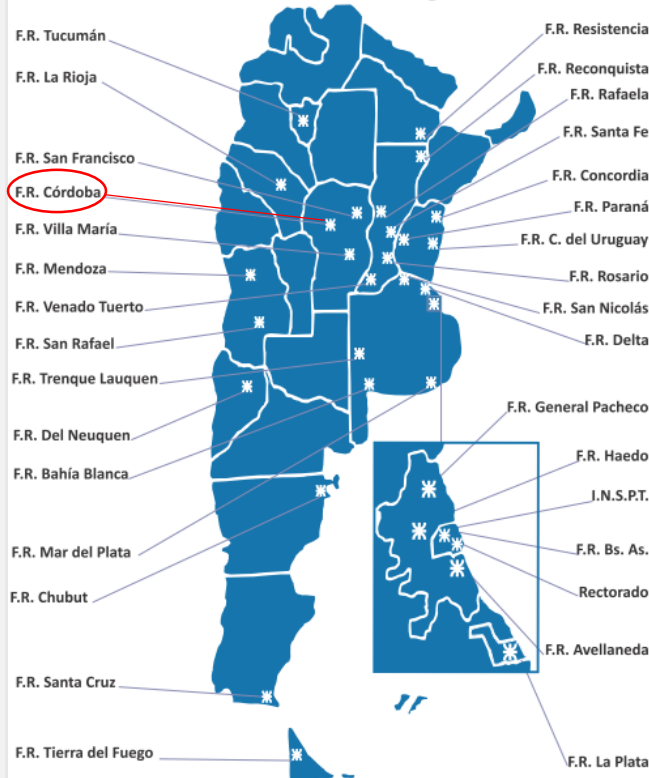
<https://www.ifr.kit.edu/english/index.php>



Technological National University



32 Locations: Rectorate – 30 Regional Faculties and the National Institute of Technical Teaching



Annually, **+35%** of engineering graduates to the country.

<https://utn.edu.ar/es/>

This Institution counts with two distinguished qualifications of the National University system:

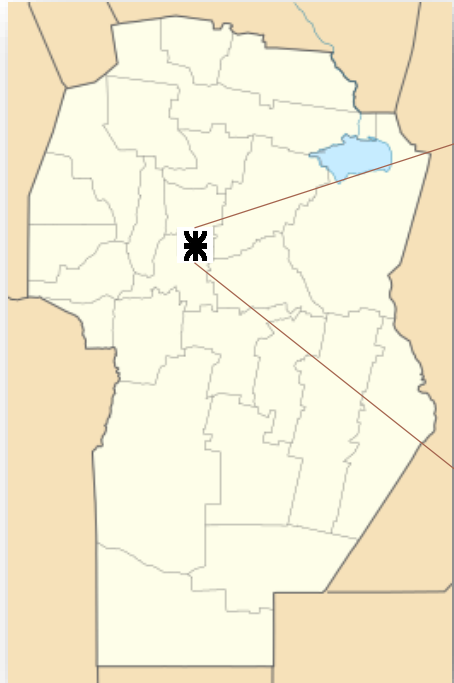
- It is the only University of the country which academic structure has engineering as priority
- It has a federal character: Its 30 Regional Faculties cover all the regions of Argentina.

Also, UTN offers:

- 17 Degree Careers
- 31 PhD and Master´s degrees
- 85.000 students
- 66.000 Engineering students
- 55 Undergraduate Technique careers
- 109 Accredited degrees

UTN gives, anually, more 35% of engineering graduate to the country

Córdoba Regional Faculty -UTN



This Faculty has:

- 8 Engineering degree careers
- 4 Doctorades in Engineering
- 9 Master degrees & 7 Posgrade Specializations
- 14.000 students
- 750 Teachers
- 21 Research centers & groups

CBA 16:43 hs. Jueves, 16 de Abril de 2020 Buenas tardes! > Tu servicio inicial es: [Web Principal](#)

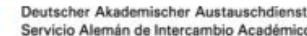
 **Universidad Tecnológica Nacional**
FACULTAD REGIONAL CORDOBA

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<https://www.frc.utn.edu.ar/>

Funding



This program is financed by the Argentine-German University Center (CUAA/DAHZ, www.cuaa-dahz.org), a private public partnership which promotes the Argentine-German exchange and binational careers.

Every year, up to 10 scholarships are awarded, 5 each to Argentine and German students.

These include resources for:

- The student mobility
- The stay abroad
- Language courses



Job Opportunities



- Exciting sectoral and intersectoral territorial planning tasks in development cooperation organizations
- Project development and coordination in emerging countries
- Public administration sector, focused on sectoral territorial planning and coordination of intersectoral projects
- Teaching and research tasks in universities and other academic institutions
- Private planning offices and consulting firms in the field of development cooperation: spatial planning and assessment activities

Admission Requirements



Professionals with a higher degree of Engineering and professionals from the field of basic and exact science with a degree granted by a University recognized by Argentina in the country or abroad.

- Accredited a minimum level equal to B2 in German
- Accredited a minimum level equal to B2 in Spanish
- A good command of English, both in writing, speaking and reading

In all cases, an evaluation of the applicants will be carried out in order to determine the degree of correspondence between the training background and the required level.

APPLICATION UTN – Documentation to Submit



- Degree title
- ID
- Passport (if you have European citizenship, attach Passport)
- Simple copy of birth certificate
- CV abbreviated
- Motivation Letter
- Certificate of German

UNTIL 2/06 OF EACH YEAR
Consultas:
intercambios.frc@gmail.com

Registration Condition for Foreigners

- Copy of the previous title apostilled by Haya
- Immigration procedures corresponding to each country



APPLICATION KIT – Documents to Submit



- Notarized copy of university entrance qualification (“Abitur” certificate)
- Copy of health insurance certificate
- Passport photo
- Notarized copy of Bachelor’s or Diploma certificate
- Candidates who are still studying at a university:
 - Exmatriculation or certificate of study time
 - grade overview or diploma supplement (if available)
 - If the Bachelor’s degree is not yet available due to missing individual exams, the proof of the Bachelor’s degree must be submitted by the start of lectures.
- Proof of German language skills, if German is not your mother tongue

UNTIL 15/08 OF EACH YEAR
**Online Application Portal of
the International Students
Office (IStO)**

Documents to be enclosed:

- A current CV in table form
- A 1-2 page letter of motivation (in German or English)
- Letter of recommendation / certificates (if available)
- Copy of the thesis of the first degree (if available)



Course Type

The duration is two years and the start of it is in the month of September of each year.

The first year is taught at the Institute of Regional Science (IfR) at Karlsruhe Institute of Technology (KIT), Germany, and the second year of study, will be at UTN-FRC.

- The first year of study consists of four modules and seven seminars
- The second year of study has five modules and thirteen seminars
- The student must also take optional seminars as well as the Research Methodology and thesis workshop seminars



**Mobilities subject to
the current health
situation due to
COVID-19**

Seminars in Germany (KIT-IfR) - First Year



MANDATORY FUNDAMENTAL CYCLE	
MODULE	SEMINAR
REGIONAL SCIENCE AND ITS FOUNDATIONS	Introduction to the Regional Science
	Basic Disciplines of Regional Science
METHODOLOGICAL TOOLS OF REGIONAL SCIENCE	Fundamentals of spatial information processing
	Regional Statistics
GOVERNANCE AND BALANCE OF INTEREST	Governance and balance of interest
	Spatial Planning, theories, instruments, practice
INTRODUCTION TO RESOURCE MANAGEMENT	Sustainability and Industrial Ecology Management

Seminars in Argentina (UTN-FRC) - Second Year



MANDATORY FUNDAMENTAL CYCLE	
MODULE	SEMINAR
INTRODUCTION TO ENVIROMENTAL IMPACT	Enviromental impact evaluation
	Renewable energy for sustainable development
RESOURCES POLLUTION AND ENVIROMENTAL IMPACT	Air pollution
	Water pollution
	Solid and hazardous waste
	Recovery of contaminated site
RENEWABLE ENERGIES AND SUSTAINABILITY	Applied physics and solar energy
	Wind energy and applied probability
	Technical thermodynamics and biomass energy
ENVIROMENTAL AND CLIMATOLOGICAL MODELING	Enviromental modeling
	Applied meteorology
RESEARCH METHODOLOGY AND THESIS WORKSHOP	Regional Science I
	Regional Science II

Optional Seminars



As part of the Master´s program, the student must also take optional seminars, described in the table above, of which a minimum of 40 hours must be completed.

OPTIONAL CURRICULUM CYCLE	
SEMINAR	HOURS
Enviromental Geology and Hydrology	20
Control of gaseous effluents	20
Water treatment	20
Climate change	20
Lifecycle	20

Thesis

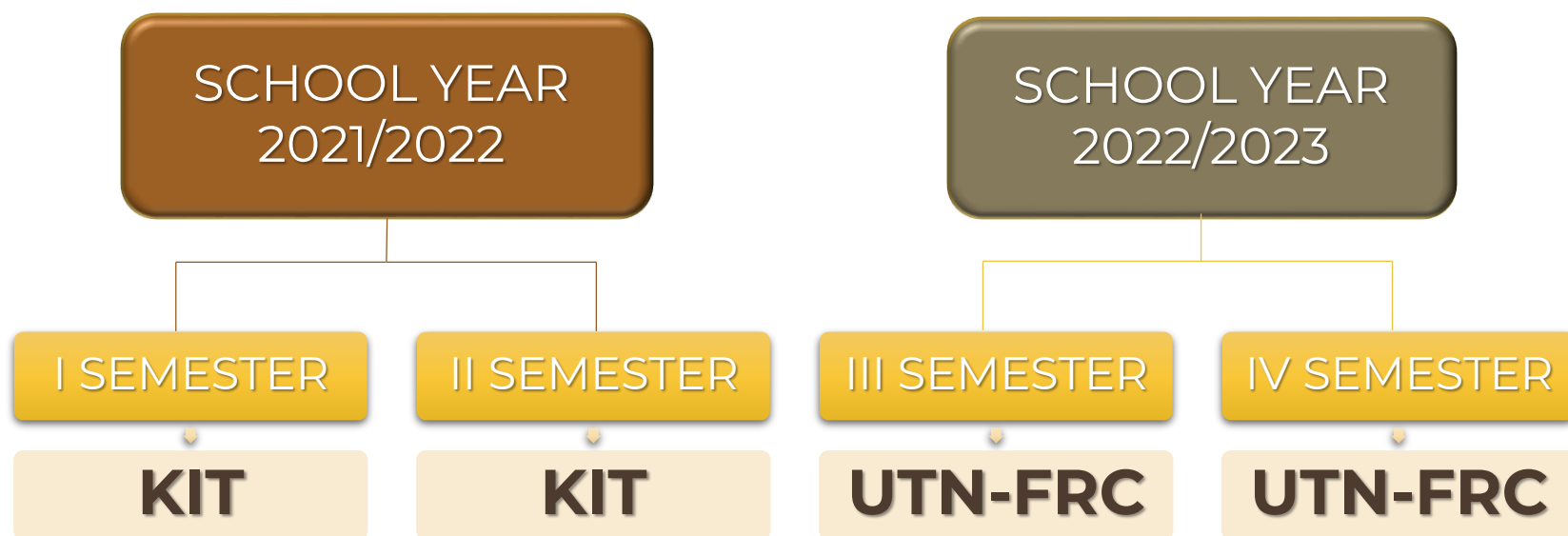
It consists of a research work related to an Argentine problem

DEGREE TITLE	
UTN FRC	KIT
“Master in Regional Science and Enviromental Impact”	“Master in Regional Science”



Important Dates

The Master´s course will be carried out with the following schedule:



Contacts



DIRECTOR

Prof. Carla Allende

COORDINATOR

Ing. Ana Cecilia Pérez

Intercambios.frc@gmail.com

<https://www.frc.utn.edu.ar/>



DIRECTOR

Jr. Prof. Andreas Braun

COORDINATOR

Mg. Jennifer Mesters

jennifer.mesters@kit.edu

<https://www.ifr.kit.edu/english/index.php>

