

## The route to Argentina



The programme is designed for students of the English-language specialisation Industrial Cyber-Physical Systems in the Industrial Informatics Master's study programme. After their 1st semester in Emden, they spend the 2nd semester in Argentina; the Master's thesis can be completed in one of the two countries in the 3<sup>rd</sup> semester.

The standard **teaching language** at both universities in this study programme is English; it is compulsory for students to acquire Spanish, at least to A1 level.



## Contact



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Industrial Informatics, Univ.of Applied Sciences Emden/Leer:  
» [www.hs-empden-leer.de/studierende/fachbereiche/technik/studiengaenge/industrial-informatics-master](http://www.hs-empden-leer.de/studierende/fachbereiche/technik/studiengaenge/industrial-informatics-master)

» <https://www2.daad.de/deutschland/studienangebote/international-programmes/en/detail/4775/>

Information about Double Degree:  
» [www.hs-empden-leer.de/sl/arg-bi-ma](http://www.hs-empden-leer.de/sl/arg-bi-ma)

Partner University in Argentina:  
» [www.frsf.utn.edu.ar](http://www.frsf.utn.edu.ar)

Centro Universitario Argentino-Alemán CUAA-DAHZ:  
» [www.cuaa-dahz.org](http://www.cuaa-dahz.org)

The application is staggered; first contact the project coordinator Prof. Dr.-Ing. A. W. Colombo during your 1st semester at the University of Applied Sciences Emden/Leer by the middle of October or the middle of March. In the next step, apply to the International Office before the end of May/October of the previous semester. A maximum of three students per semester will then be selected for the programme by a committee.

The funding includes, among other things, a one-off mobility grant of 1,500 euros and a flat-rate subsistence payment of 1,075 euros per month (funded by the German-Argentinian University Centre DAHZ or the BMBF), the grant payments are made via the University of Applied Sciences Emden/Leer International Office.

You need a passport to travel to Argentina and to apply for a visa.

GANZ NAH DRAN.



Maestría bi-nacional  
en Sistemas Físico-  
Cibernéticos Industriales

Universidad Tecnológica  
Nacional - Facultad  
Regional Santa Fe



# Double Master with Argentina

» Successful studies with  
the double degree



Master in Industrial  
Informatics -  
Specialisation in Industrial  
Cyber-Physical Systems  
University of Applied  
Sciences Emden/Leer

UTN \* SANTA FE

Komm näher » [www.hs-empden-leer.de](http://www.hs-empden-leer.de)

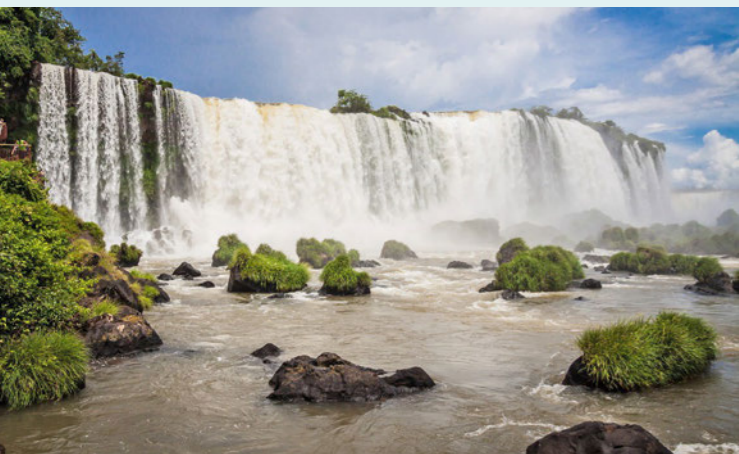




## Where is Santa Fe?



Argentina is the second biggest country in South America. It is the country of the gauchos in the Pampas and tango music, with a diverse landscape and population. Five Argentinians have already been awarded the Nobel prize (in physiology, medicine, peace, chemistry).



## Curriculum Composition in each Semester including the Credits associated to Modules

Curriculum	HSE/L-I2AR	UTN-FRSF
<b>Semester 1 (at the Home University)</b>	<b>Credits</b>	<b>Hours</b>
<b>Sistemas Robóticos (Tobotic Systems)</b>	5	60
<b>Ingeniería de Sistemas Físico-Cibernéticos Industriales (Engineering ICPS)</b>	5	60
<b>Minería en Grandes Volúmenes des Datos (Analytics and Mathematics)</b>	5	60
<b>Motivación para el Cambio (Investigación + Desarrollo + Innovación) (Digital Economy &amp; Society)</b>	5	60
<b>Proyecto 1 (MII-Project 1 or 2)</b>	10	20

Study-Path for a HSE/L Student



<b>Semester 2 (at the Home University)</b>	<b>Credits</b>	<b>Hours</b>
<b>Modelos de Organizaciones y Sistemas Físico-Cibernéticos Industriales (Industrial Cyber-Physical Systems)</b>	5	60
<b>Digitalización de Sistemas Físico-Cibernéticos Industriales (Digitalization of Industrial Cyber-Physical Systems)</b>	5	60
<b>Tecnologías para la integración de datos industriales (Industrial Data Transport Technologies)</b>	5	60
<b>Metodología de la Investigación (Innovation Management)</b>	5	60
<b>Proyecto 2 (MII-Project 1 or 2)</b>	10	120
<b>Tutoría, actividades de investigación, y desarrollo de tests (Master Thesis)</b>	30	360

3<sup>rd</sup> Semester

Study-Path for a UTN-FRSF Student



3<sup>rd</sup> Semester

## Successful studies with the double degree



"Funded by the Federal Ministry of Education and Research"