



Escuela Técnica Superior de  
**INGENIERÍA DE SEVILLA**



# Welcome to the ETSi

School of Engineering  
Universidad de Sevilla

# About ETSi

The School of Engineering at the Universidad de Sevilla (ETSi) offers academic programmes at the Bachelor's, Master's and PhD levels, training students for their professional and personal growth, research and technology transfer to the society.

With the effort of students, academic and administrative staff, the ETSi is positioned as an international reference centre in engineering training and research.

**To pursue these objectives, the School of Engineering is committed to the following**

## Values:



Justice



Social responsibility



Leadership and initiative



Diversity



International cooperation



Spirit of achievement



Solidarity and commitment with society



Orientation towards the student



Professionalism



Transparency



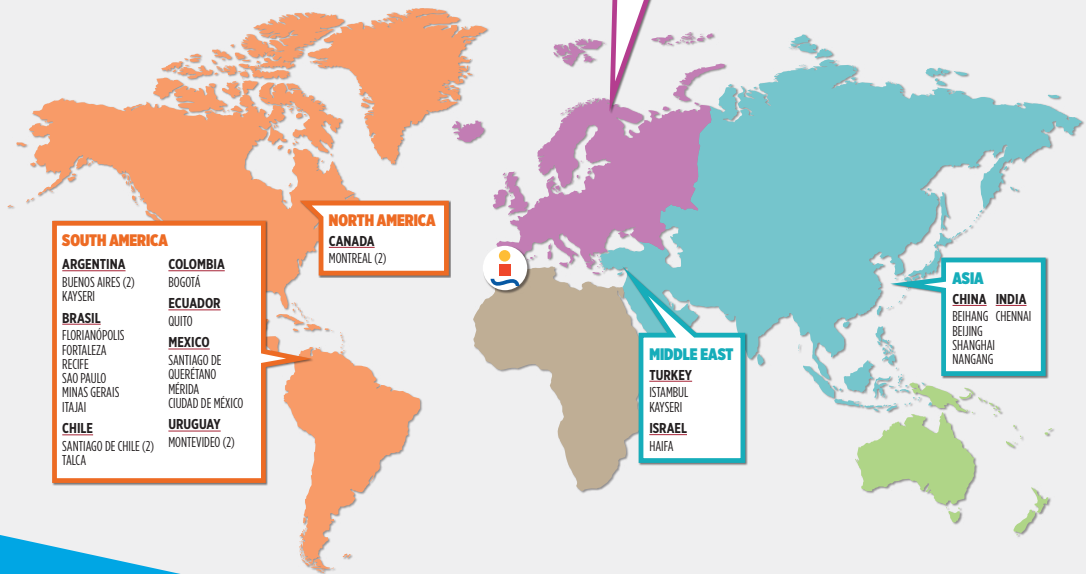
Innovation and creativity



Efficiency

# Mobility agreements around the World

<b>EUROPE</b>	<b>CZECH REPUBLIC</b>	BRUZ CAEN CHAMBERY SACLAY GRENOBLE MONTIGNY-LE-BRETONNEUX LILLE (2) LYON (2) MARSEILLE NANTES PARIS (3) CHASSENEUIL	DJ-POITOU SAINT-ETIENNE TARBES TOULOUSE (3)	HAMBURG HILDESHEIM KARLSRUHE KONSTANZ MAGDEBURG MÜNCHEN MÜNSTER STUTTGART	<b>HUNGARY</b> BUDAPEST	CATANIA ARCANVACATA ENNA FIRENZE GENOVA MILANO NAPOLI CASERTA PADOVA PALERMO PARMA PISA ROMA	<b>NORWAY</b> TRONDHEIM	<b>ROMANIA</b> BUCAREST
<b>AUSTRIA</b> INNSBRUCK WIEN	<b>SLOVAKIA</b> KOSICE	<b>FINLAND</b> LAPPEENRATA	<b>GERMANY</b> AACHEN BERLIN BOCHUM BRAUNSCHWEIG DARMSTADT DRESDEN DUISBURG-ESSEN	<b>IRELAND</b> CORK DUBLIN GALWAY	<b>ITALY</b> ANCONA BARI BERGAMO BOLOGNA	<b>POLAND</b> CRACOVIA POZNAN (2) BRESLAVIA	<b>PORTUGAL</b> COVILHÁ LISBOA PORTO (2)	<b>SWEDEN</b> LULEA
<b>BELGIUM</b> BRUXELLES GENT LIÈGE MONS	<b>FRANCE</b> ALÉS CLERMONT-FERRAND		<b>GREECE</b> ATHENS THESSALONIKIS THESSALY					<b>UKRAINE</b> LJUHANSK
<b>BULGARIA</b> SOFIA								<b>UNITED KINGDOM</b> CRANFIELD



+ info:  
[etsi.us.es/en/international-mobility](https://etsi.us.es/en/international-mobility)



+info: [www.etsi.us.es](https://www.etsi.us.es)



More than

# 50 years of experience

8 Bachelor's degree programmes with 240 ECTS // 12 Master's degree programmes (60-120 ECTS) //

4 PhD degree programmes // 6,000 students →  4,500 Undergraduate students  
1,150 Master's degree students  
350 PhD students

More than 20,000 alumni, 700 per year // 550 faculty // 200 staff

// 36 double degree agreements with foreign Universities // 120 mobility agreements

with universities from more than 30 countries // 600 internships per year in

companies; agreements with more than 300 companies // 13 company chairs

/// **STUDY FACILITIES:** more than 65,000 m<sup>2</sup> built surface // 70 lecture rooms // theatre

for 600 people // 11 computer rooms with more than 350 seats // 5 meeting rooms

/// **LIBRARY AND STUDY ROOM:** more than 2,500 m<sup>2</sup> // 1,000 study seats

// about 100,000 documents available // 15 small meeting rooms

/// **LABORATORIES AND RESEARCH FACILITIES:** 3 National

Laboratories (Automatic and Robotic Institute, Renewable Energy

Institute, Metrology Centre) // 43 research groups // Member of

international Excellence Networks, such as  TIME,  Pegasus,  Heritage  HERITAGE NETWORK



# School of Engineering's Academic Programmes:

## **Bachelor, 4 years, 240 ECTS**

- › Industrial Technologies Engineering
- › Telecommunication Technologies Engineering
- › Aerospace Engineering
- › Civil Engineering
- › Chemical Engineering
- › Electronics, Robotics and Mechatronics Engineering
- › Energy Engineering
- › Industrial Management Engineering

## **Master**

### ▼ **2 years, 120 ECTS**

- › Technologies for Industrial Engineering (Ingeniería Industrial)
- › Telecommunications Engineering
- › Aeronautical Engineering
- › Civil Engineering
- › Chemical Engineering (90 ECTS)

### ▼ **1 year, 60 ECTS**

- › Electronics, Robotics and Automation Engineering
- › Electrical Energy Systems
- › Advanced Design in Mechanical Engineering
- › Environmental Engineering
- › Thermal Energy Systems
- › Industrial Organization and Business Management
- › Operation of Space Systems (starting 2025/26)

## **PhD**

- › Automatic, Electronic and Telecommunication Engineering
- › Chemical, Environmental and Energy Engineering
- › Mechanical Engineering and Industrial Management
- › Electrical Energy Systems

# Bachelor's Degree Programmes (4 years, 240 ECTS)



## **INDUSTRIAL TECHNOLOGIES ENGINEERING**



## **TELECOMMUNICATION TECHNOLOGIES ENGINEERING**, with 4 specializations:

- › Telematics
- › Telecommunications Systems
- › Sound and Image
- › Electronic Systems



## **AEROSPACE ENGINEERING**, with 3 specializations:

- › Aerospace Vehicles
- › Air Navigation
- › Airports and Air Transport



## **CIVIL ENGINEERING**, with 3 specializations:

- › Civil Constructions
- › Hydrology
- › Transportation Engineering and Urban Services



## **CHEMICAL ENGINEERING**, with 2 specializations:

- › Chemical Processes
- › Environmental Engineering



## **ELECTRONICS, ROBOTICS AND MECHATRONICS ENGINEERING**, with 2 specializations:

- › Robotics and Automation
- › Control and Electronic Instrumentation



## **ENERGY ENGINEERING**, with 3 specializations:

- › Energy Saving and Efficiency
- › Power Production Systems
- › Renewable Energy



## **INDUSTRIAL MANAGEMENT ENGINEERING**, with 1 specialization:

- › Production System Management

### APPLICATION DEADLINES:

- ▶ June for Autumn semester
- ▶ November for Spring semester

### NOTE:

Incoming students can study subjects at the Bachelor's and Master's levels

### ACADEMIC CALENDAR:

- ▶ **First semester:** September-February
- ▶ **Second semester:** February-July

### HOW TO APPLY

<https://etsi.us.es/en/international-mobility/international-students>



# Master's Degree Programmes



## 120 ECTS MASTERS (2 years)

- › Technologies for Industrial Engineering (Ingeniería Industrial)
- › Telecommunications Engineering
- › Aeronautical Engineering
- › Civil Engineering



## 90 ECTS MASTERS (1,5 years)

- › Chemical Engineering



## 60 ECTS MASTERS (1 year)

- › Electronics, Robotics and Automation Engineering
- › Electrical Energy Systems
- › Advanced Design in Mechanical Engineering
- › Environmental Engineering
- › Thermal Energy Systems
- › Industrial Organisation and Business Management
- › Operation of Space Systems (starting 2025/26)

### APPLICATION DEADLINES:

- ▶ June for Autumn semester
- ▶ November for Spring semester

### NOTE:

Incoming students can study subjects at the Bachelor's and Master's levels

### ACADEMIC CALENDAR:

- ▶ **First semester:** October-February
- ▶ **Second semester:** February-July

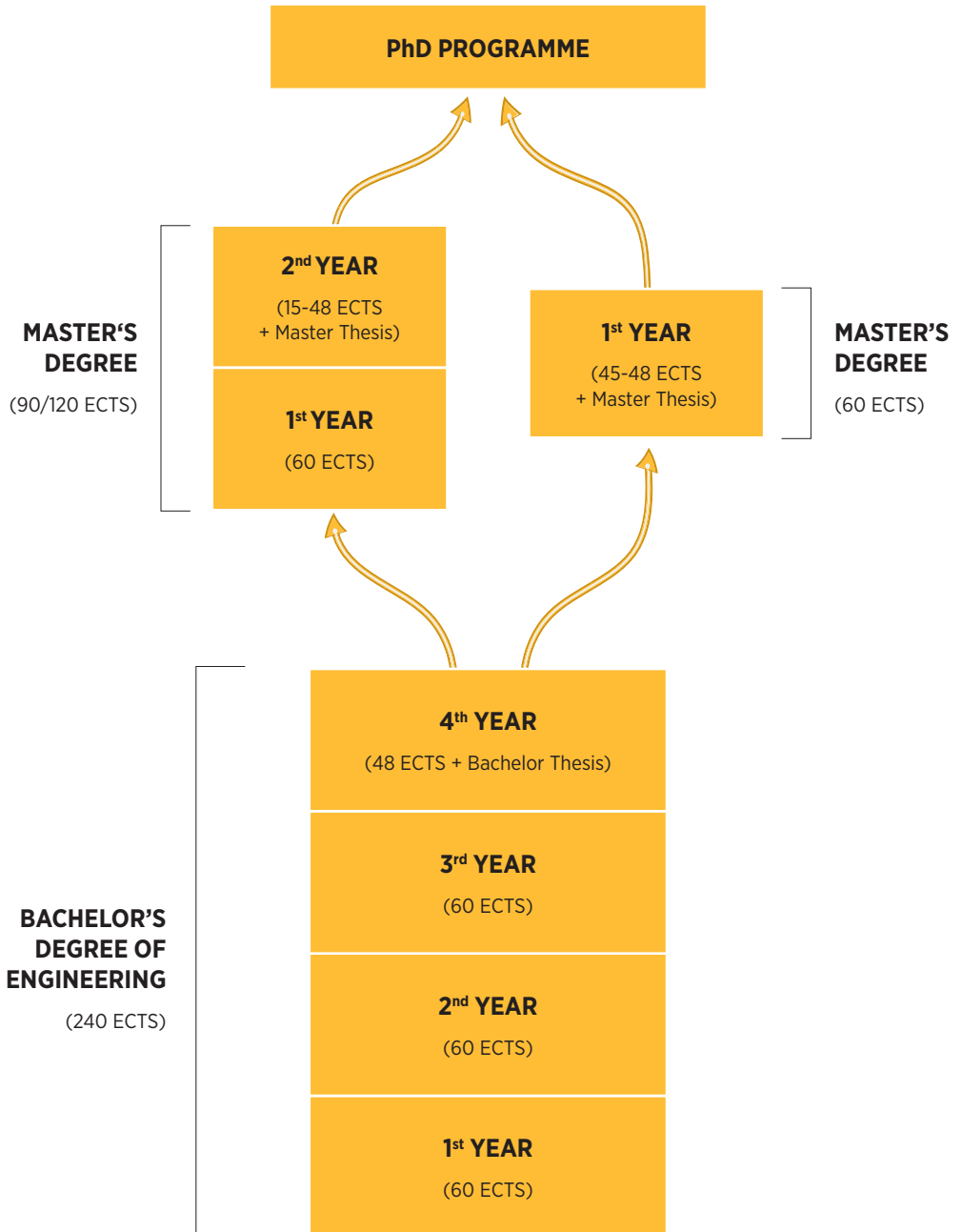
### HOW TO APPLY

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# Structure of the studies



# PhD Degree Programmes



## **AUTOMATION, ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

with the following research lines:

- › Process simulation and control systems
- › Visual perception systems and artificial vision
- › Robotics
- › Electronics, signal processing and communications
- › Power electronics
- › Telecommunication systems
- › Network architecture and technology
- › Cibersecurity



## **CHEMICAL, ENVIRONMENTAL AND ENERGY ENGINEERING**

with the following research lines:

- › Energy conversion systems and power production
- › Energy efficiency and integration of renewable energy in building and industry
- › Chemical and environmental engineering
- › Bioenergy





## **MECHANICAL ENGINEERING AND INDUSTRIAL MANAGEMENT**

with the following research lines:

- › Mechanical engineering
- › Transportation infrastructure
- › Structural integrity of composite materials and their union with other materials
- › Numerical methods in solids and structures
- › Industrial management
- › Manufacturing engineering



## **ELECTRICAL ENERGY SYSTEMS**

with the following research lines:

- › Electric power systems planning and control
- › Management and quality of electric energy
- › Transient regime and stability in electric energy systems
- › Advanced measurement systems and protection of electric systems
- › Integration of renewable energy
- › Electric energy markets
- › Electric drives and machines

HOW TO APPLY

<https://etsi.us.es/en/studies-and-qualifications/doctorates>



# Seville, a world of possibilities



The Central Building, dated 1756 AD

The University of Seville, where **past, present and future** are interwoven:

**PAST:** over 500 years fostering knowledge.

**PRESENT:** a city engaged in innovation and quality in teaching, learning, research and knowledge transference.

**FUTURE:** committed to society, sustainable development and international cooperation to share and drive advances in scholarship.

+ info:

[www.us.es](http://www.us.es)



## Seville, at the heart of Europe

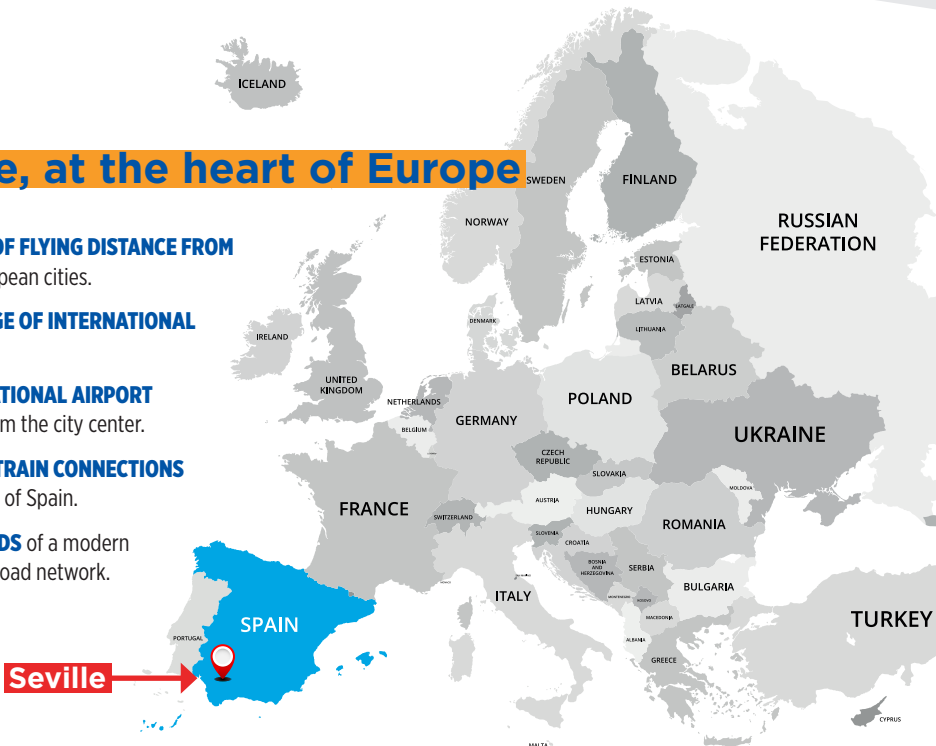
**AT 3 HOURS OF FLYING DISTANCE FROM**  
all major European cities.

**A WIDE RANGE OF INTERNATIONAL FLIGHTS.**

**THE INTERNATIONAL AIRPORT**  
10 minutes from the city center.

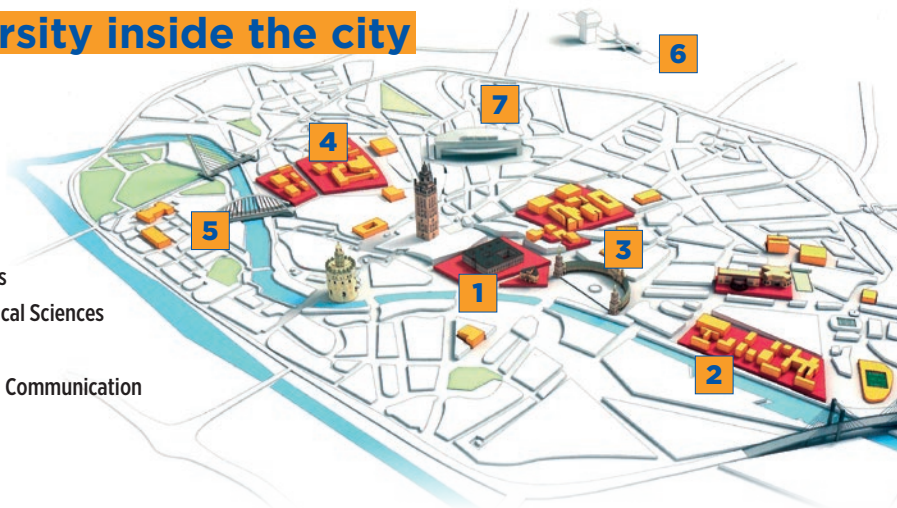
**HIGH SPEED TRAIN CONNECTIONS**  
to major cities of Spain.

**A CROSSROADS** of a modern  
highway and road network.



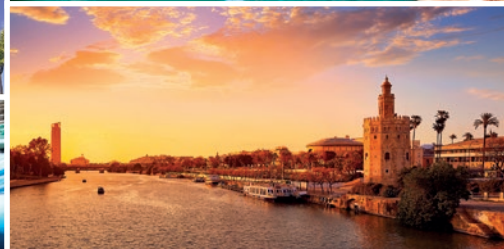
## A university inside the city

1. Central building
2. Sciences Campus
3. Social and Juridical Sciences
4. Health Sciences
5. Engineering and Communication
6. Airport
7. Railway station

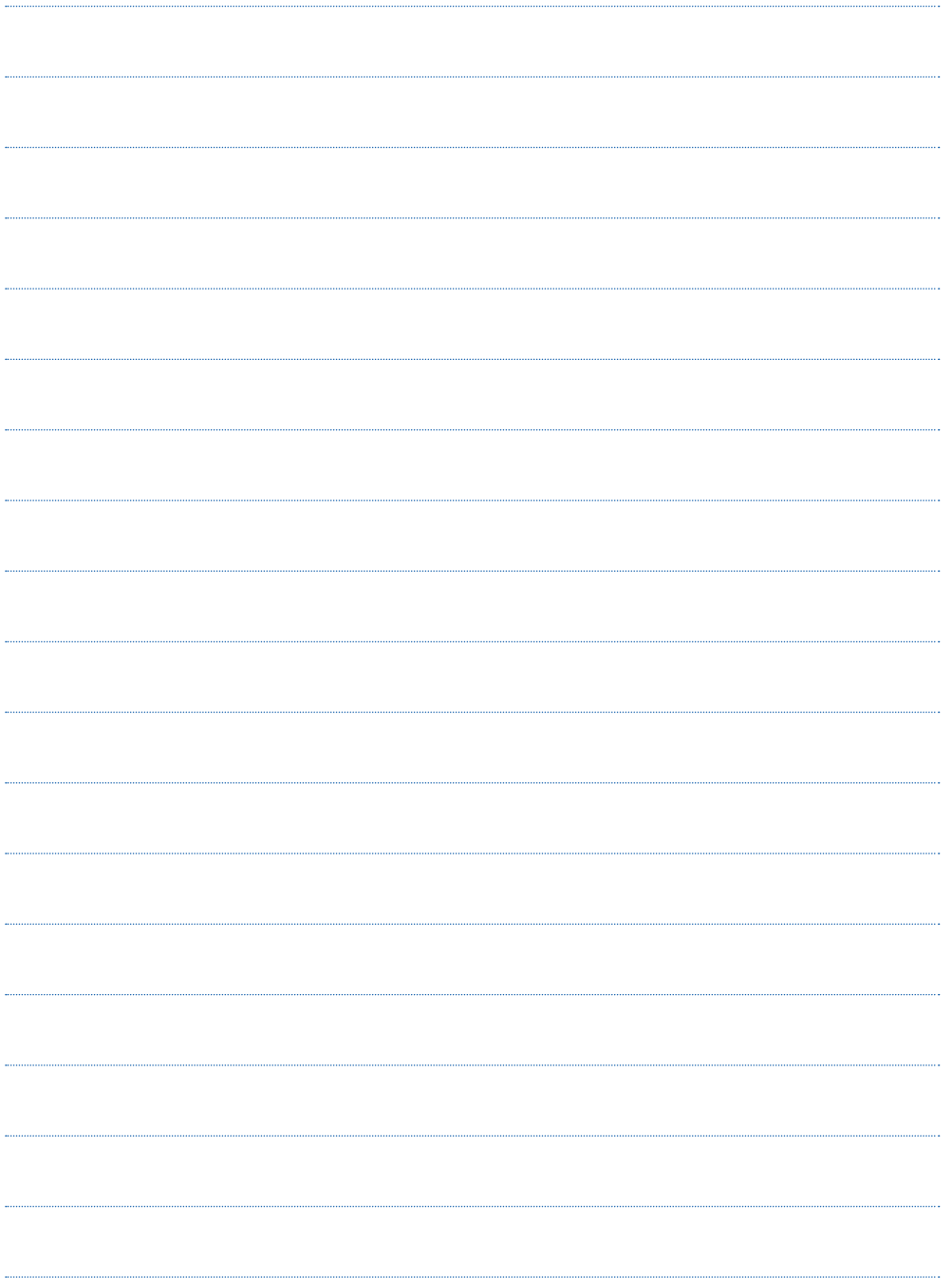


► The University of Seville's campus is spread around the city centre, all facilities within walking distance of each other, the city landmarks, and transportation. San Pablo International Airport, Santa Justa Central Railway Station, and subway and public transport networks provide easy access to all facilities and communications inside and outside the city.

## A lively city where tradition and history meet the future









## SCHOOL OF ENGINEERING

Camino de los Descubrimientos, s/n  
Isla de la Cartuja, 41092 Seville, Spain

## CONTACT US:

International Office: [gestionmovilidad-etsi@us.es](mailto:gestionmovilidad-etsi@us.es)



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