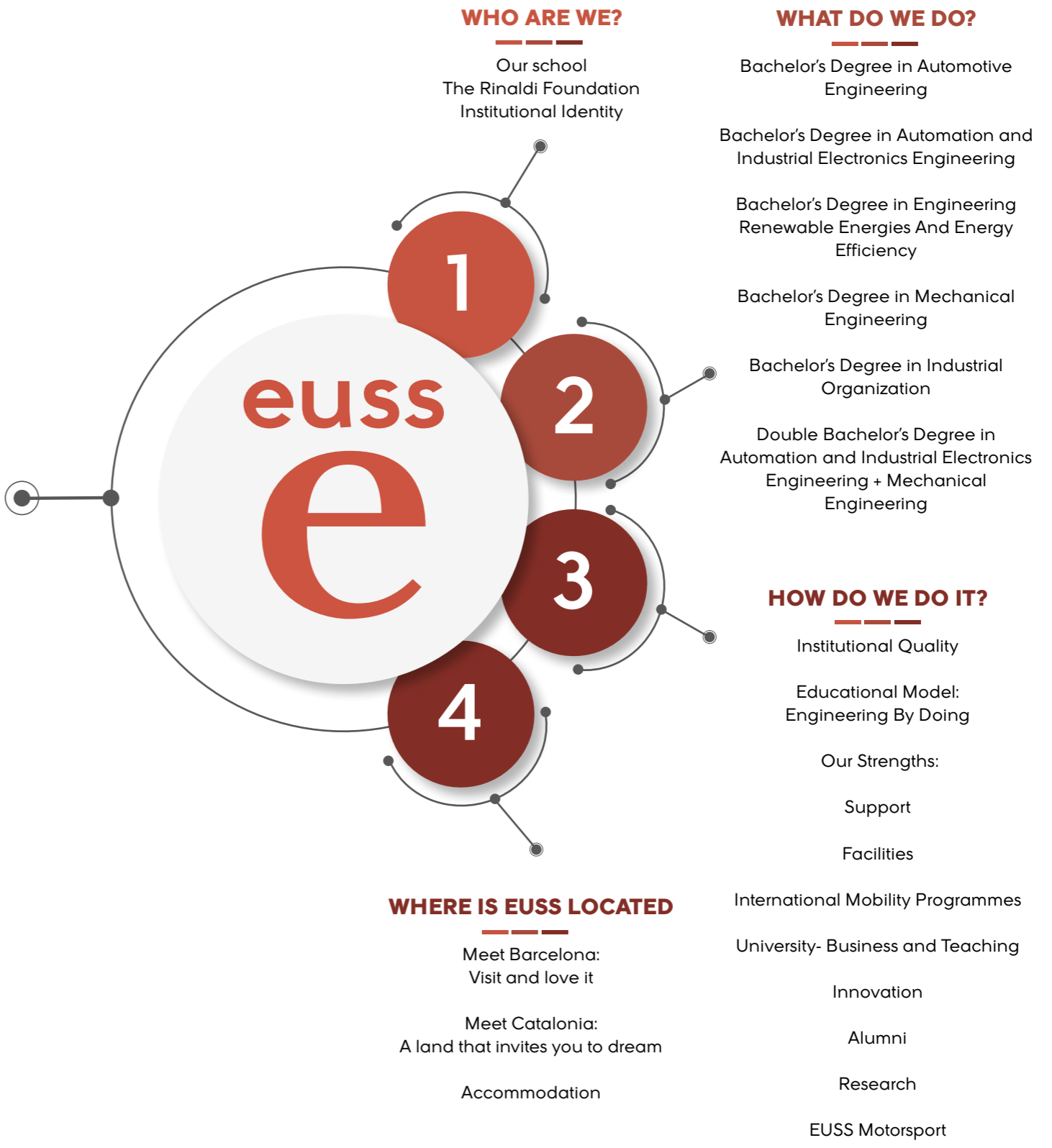
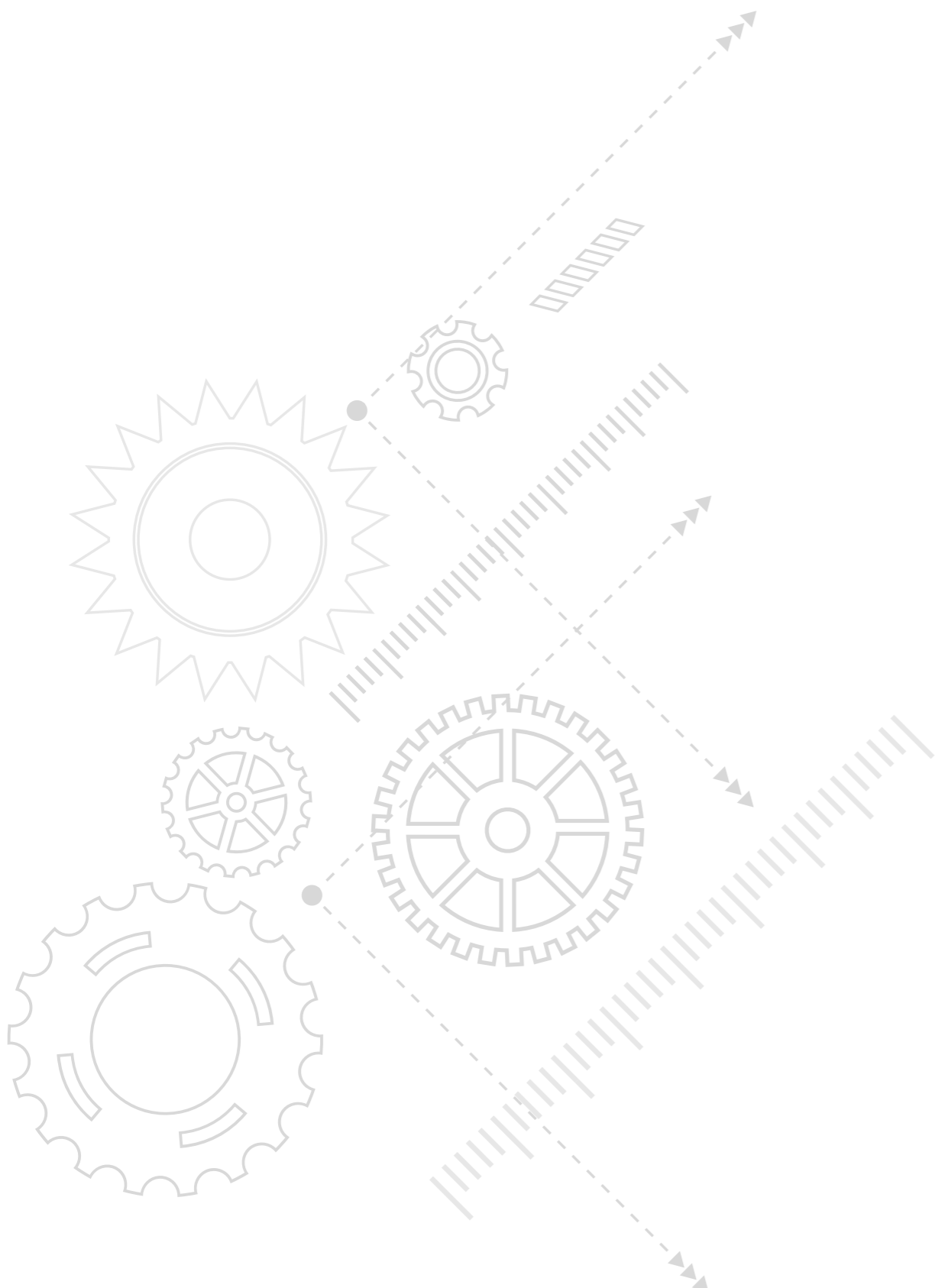




School of Engineering

Escola Universitària Salesiana de Sarrià





WHO ARE WE?

Our school
The Rinaldi Foundation
Institutional Identity

WHAT DO WE DO?

- Bachelor's Degree in Automotive Engineering
- Bachelor's Degree in Automation and Industrial Electronics Engineering
- Bachelor's Degree in Engineering Renewable Energies And Energy Efficiency
- Bachelor's Degree in Mechanical Engineering
- Bachelor's Degree in Industrial Organization
- Double Bachelor's Degree in Automation and Industrial Electronics Engineering + Mechanical Engineering

HOW DO WE DO IT?

- Institutional Quality
- Educational Model: Engineering By Doing
- Our Strengths:
 - Support
 - Facilities

WHERE IS EUSS LOCATED

- Meet Barcelona:
Visit and love it
- Meet Catalonia:
A land that invites you to dream
- Accommodation

- International Mobility Programmes
- University- Business and Teaching
- Innovation
- Alumni
- Research
- EUSS Motorsport

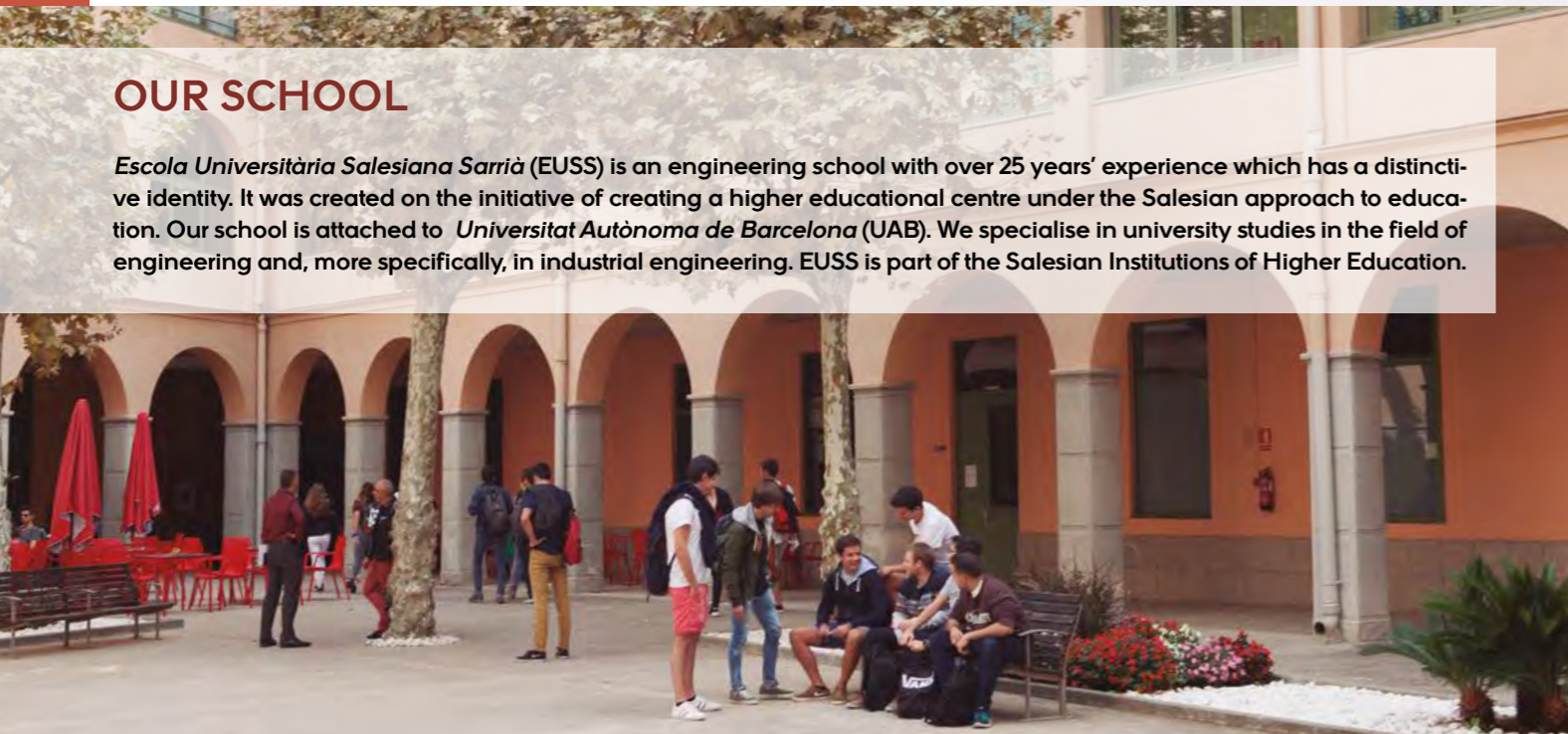
WHO ARE WE?



VALUES

OUR SCHOOL

Escola Universitària Salesiana Sarrià (EUSS) is an engineering school with over 25 years' experience which has a distinctive identity. It was created on the initiative of creating a higher educational centre under the Salesian approach to education. Our school is attached to *Universitat Autònoma de Barcelona (UAB)*. We specialise in university studies in the field of engineering and, more specifically, in industrial engineering. EUSS is part of the Salesian Institutions of Higher Education.



THE RINALDI FOUNDATION

EUSS is promoted and supported by the Rinaldi Foundation, a non-profit legal entity whose purpose is the education and training of young university students, through the creation of our school.

MISSION

Through teaching, research and training, EUSS promotes the personal development, as well as the enrichment, of the industrial and cultural fabric of our country, thus contributing to building a fairer and more united world.

Teachers and students, together with the administrative and service staff make up an academic community that shares the style of coexistence, and interpersonal relationships the Salesian charism is so well known for.



VISION

EUSS aims to achieve wide academic plus social recognition in the Catalan area of industrial engineering, through the transmission of knowledge along with the development of the competencies, and skills required for the different specialties.

Our teaching-learning approach

Our Identity

1. We understand freedom, justice, solidarity, tolerance, peace, and sustainability as fundamental values in our school.
2. We embrace Don Bosco's educational system, based on the trinomial of Esteem, Thought, and Transcendence, together with the network of quality personal relationships. All this generates an atmosphere of proximity that encourages young people's comprehensive personal development.
3. We are constantly available along the students' formative process by offering them both dialogue, and active presence.
4. We promote dialogue between technology and humanism, and between culture and faith in the academic environment.

5. We give personalised attention to each of our students.
6. We encourage initiative and research.
7. We place special emphasis on the practical side of study.
8. We are constantly seeking the most appropriate teaching methods for our courses.
9. We are constantly seeking the most appropriate teaching methods for our courses.
10. We promote the use of information and communication technologies in the educational and technological fields.

Our university environment

11. We integrate teaching and research in the curricular development of both students and teachers.
12. We offer society the results of our work, our study, and our research.
13. We collaborate with companies, social actors, as well as other university centres.
14. We systematically evaluate, and update our university project.
15. We foster the continuous training of every member of our academic community. At the same time, we promote programs aimed at our society, and also the business world.

Our target group

16. We opt for a close, participative, transparent, high-quality style in the management and the school services.
17. We are alert to the specific emerging values of the younger generations.
18. We approach study as responsible work in preparation for professional practice.
19. We encourage our students to actively, responsibly, and committedly participate in different activities and forms of association, both inside and outside our school.
20. We favour our students' labour market integration, together with international mobility while encouraging their entrepreneurial spirit.
21. We adapt our training offer to people already in the working world.



EUSS OFFERS A WIDE RANGE OF STUDY PROGRAMMES LINKED TO THE INDUSTRIAL SECTOR

WHAT DO WE DO?

Automotive Engineering

Automation and Industrial Electronics Engineering

Engineering Renewable Energies And Energy Efficiency

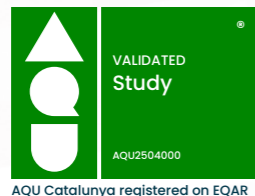
Mechanical Engineering

Industrial Organization

Automation and Industrial Electronics Engineering + Mechanical Engineering

OUR BACHELOR'S DEGREES

OUR DOUBLE BACHELOR'S DEGREE



BACHELOR'S DEGREE IN AUTOMOTIVE ENGINEERING

Description

This bachelor's degree will train you as an engineering professional capable of contributing to the improvement of the competitiveness of businesses from the automotive sector both comprehensively and holistically. You will be prepared to work across the value chain, especially in the areas of design, development, manufacturing and distribution logistics.

You also will be able to collaborate both in a big automobile manufacturer, and in the associated auxiliary industry, so that you will contribute to successfully achieving the main future challenges of this industry: digitalization, also known as Industry 4.0, vehicles running on alternative energy sources, connected vehicles and self-driving cars.

TEACHING PROPOSAL

After graduating, you will:

- 1 Apply engineering and industry basic principles to the mobility and automotive sector.
- 2 Apply advanced manufacturing principles, processes, structural design of the vehicle, mechanical resistance, dynamic response and vibration, aerodynamics, component and vehicle electrical and electronic engineering, machines and engines, and power electronics.
- 3 Draft, develop and manage vehicle projects and their subsystems, as well as their corresponding manufacturing facilities, according to the legislation in force, applying quality principles and methods, considering their environmental impact and sustainability.

CAREER PROSPECTS

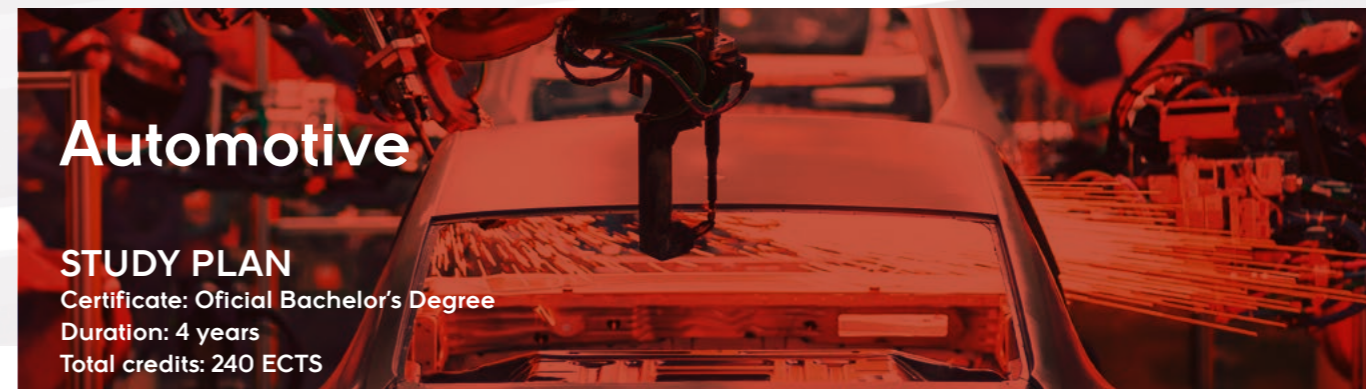
Develop and direct design and system integration projects in manufacturers of the automotive and vehicles sector in general, ancillary components industry and vehicle competitions.

Develop and manage manufacturing, logistics, test, quality control and maintenance projects in manufacturers of the automotive and vehicles sector in general, and the ancillary components industry.

Direct the production, quality control and logistics of a production plant of vehicles and components.

Develop consultancy in automotive engineering projects.

Technical personnel in the public administration with expertise in automotive and mobility.



Automotive

STUDY PLAN

Certificate: Oficial Bachelor's Degree
Duration: 4 years
Total credits: 240 ECTS

	1st year	2nd year	3rd year	4th year	TOTAL (ECTS)
Basic Training (FB)	54	6	-	-	60
Compulsory (OB)	6	54	60	18	138
Optional (OT)	-	-	-	42	48

		ECTS
1st period	FB Physics	8
	FB Mathematics	7
	FB Computer Science	6
	FB Introduction to Business Management	6
	OB Anthropology	3
2nd period	FB Chemistry ¹	6
	FB Calculus	8
	FB Engineering Design Graphics	6
	FB Electrical Physics	7
	OB Environmental Engineering ¹	3

		ECTS
OB Smart Automotive Subsystems		6
OB Bachelor's Degree Final Project		12
OT Work Placement		12
OT Foreign Language (English)		6
OT Foreign Language (German)		6

4th YEAR SPECIALIZATIONS:

SPECIALIZATION: Automotive Design

		ECTS
OT Science of Mobility		6
OT Autonomous Driving and Connected Vehicles		6
OT Occupant and Automotive Safety		6
OT Sustainable Vehicles		3
OT Electrical Energy Storage		3
OT Motorsport Aerodynamics		6

SPECIALIZATION: Automotive Manufacturing

		ECTS
OT Supply Chain Management		6
OT Robotic Systems		6
OT Product and Process Engineering		6
OT Quality Control and Management Systems		6
OT Industrial Automation		6

SPECIALIZATION: Motor Sport

		ECTS
OT Lap-Time Simulation and Race Engineering		6
OT Data Acquisition Systems and Telemetry		6
OT Optimization of Vehicle Parameters		6
OT Occupant and Automotive Safety		6
OT Motorsport Aerodynamics		6

		ECTS
1st period	OB Business Organization	3
	OB Electronic Systems	7
	FB Statistics	6
	OB Theory of Machines and Mechanisms	7
	OB Automation and Industrial Control Methods ¹	7
2nd period	OB Materials Science and Technology ¹	6
	OB Fundamentals of Thermal and Fluid Engineering	6
	OB Circuit Theory	6
	OB Technical Office and Project Management	6
	OB Strength of Materials ¹	6
1st period	OB Elasticity ²	6
	OB Industrial Manufacturing Systems	3
	OB Automotive Aerodynamics	6
	OB Automotive Electronics	6
	OB Dynamics and Vibrations	6
2nd period	OB Mechanical Automotive Subsystems	3
	OB Structural Vehicle Design	3
	OB Manufacturing Processes	6
	OB Heat and Hybrid Engines	6
	OB Electric Motors and Power Electronics	9
Year	OB Truth, Kindness and Beauty	3
Year	OB Automotive Engineering Projects	6

(1) Tuition in English available.
(2) Tuition only in English.





BACHELOR'S DEGREE IN AUTOMATION AND INDUSTRIAL ELECTRONIC ENGINEERING

Description

You will become an engineer capable of applying electronics and automation advances to industrial processes: manufacturing, control, intelligent products...

In the past few years, automation has become one of the most important sectors of our economy and will be even more important in the future. Words such as industry 4.0, internet of things, smart grids, smart cities, domotics, robotics, energy efficiency, etc. are starting to form part of our everyday vocabulary. In an almost immediate future, everything will

be automated and connected. As an engineer, you will participate in the design of automated systems, in choosing electronic components and systems, in programming these systems, and in their maintenance. You also will be capable of organising and directing the production of a company and its commercial and technical sectors.

This bachelor's degree has been officially recognised as having the professional attributes of a Technical Industrial Engineer. (AQU) (2501133-70106-17).

TEACHING PROPOSAL

After graduating, you will:

- 1 Be proficient in technologies related to automation and industrial electronics, as well as in production, and company management and organization.
- 2 Analyze, diagnose and solve automation and industrial electronics problems with a high degree of professionalism.
- 3 Collect and interpret relevant data on industrial automation and electronics engineering by means of measurements, calculations and simulations.
- 4 Draft and manage projects in the field of automation and industrial electronics, according to specifications, regulations and standards, as well as to communicate information, ideas, problems and solutions to the audience effectively.
- 5 Develop a degree of autonomy that will allow them to undertake high-level specialized studies, and subsequent further learning.

CAREER PROSPECTS

Design, analysis, projection and maintenance of electronic and microelectronic systems.

Commercial organization and management of electronic products and systems.

Control of electric machines and drives.

Conception, design, production and maintenance of instrumentation systems, automatic control and robots.

Automation and Industrial Electronic

STUDY PLAN

Certificate: Oficial Bachelor's Degree

Duration: 4 years

Total credits: 240 ECTS

	1st year	2nd year	3rd year	4th year	TOTAL (ECTS)
Basic Training (FB)	54	6	-	-	60
Compulsory (OB)	6	54	60	12	132
Optional (OT)	-	-	-	48	48

		ECTS
1st period	FB Physics	8
	FB Mathematics	7
	FB Computer Science	6
	FB Introduction to Business Management	6
	OB Anthropology	3
2nd period	FB Chemistry ¹	6
	FB Calculus	8
	FB Engineering Design Graphics	6
	FB Electrical Physics	7
	OB Environmental Engineering ¹	3

		ECTS
1st period	OB Business Organization	3
	OB Electronic Systems	7
	FB Statistics	6
	OB Theory of Machines and Mechanisms	7
	OB Automation and Industrial Control Methods ¹	7
2nd period	OB Materials Science and Technology ¹	6
	OB Fundamentals of Thermal and Fluid Engineering	6
	OB Circuit Theory	6
	OB Technical Office and Project Management	6
	OB Strength of Materials ¹	6

		ECTS
1st period	OB Electronic Technology	3
	OB Digital Electronics and Microprocessors	3
	OB Industrial Manufacturing Systems	3
	OB Electrotechnics	6
	OB Automatic Control	6
2nd period	OB Electronic Engineering Project I	9
	OB Truth, Kindness and Beauty	3
	OB Industrial Computing and Communications	6
	OB Industrial Automation	6
	OB Power Electronics ²	9
	OB Electronic Instrumentation	6
	OB Electronic Engineering Project II	6

		ECTS
OB	Bachelor's Degree Final Project	12
OT	Work Placement	12
OT	Foreign Language (English)	6
OT	Foreign Language (German)	6

4th YEAR SPECIALIZATIONS:

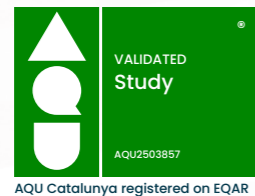
SPECIALIZATION: Industry 4.0

		ECTS
OT	Information and Communications Technology	6
OT	Signal Processing and Data Analysis	6
OT	Industrial Internet of Things	6
OT	Industrial Communications	6
OT	Robotic Systems	6

SPECIALIZATION: Robotics and Artificial Vision

		ECTS
OT	Robotic Systems	6
OT	Advanced Control Techniques	6
OT	Industrial Communications	6
OT	Advanced Robotics ²	6
OT	Industrial Electronics Applications ²	6
OT	Industrial Internet of Things	6

(1) Tuition in English available.
(2) Tuition only in English.



BACHELOR'S DEGREE IN ENGINEERING RENEWABLE ENERGIES AND ENERGY EFFICIENCY

Description

You will become an engineer capable of designing renewable energy systems and have skills needed to use energy efficiently in order to minimize any environmental impacts.

As a graduate in Renewable Energy and Energy Efficiency, you will discover current renewable energy sources, such as hydrolic, eolic, photovoltaic, geothermal, solar thermal, concentrated solar power (CSP) and biomass. What is more, you will be oriented towards the search of

new clean energy sources and the technologies they may imply, in order to design, implement and maintain energy systems producing electricity and related to the network, transport and storage of electrical energy, thereby providing solutions which can optimize the process with ways to economize and efficiently use energy.

Our engineers are trained in the most advanced fields: intelligence of microgrids, Internet of things, electric vehicles, micro energies and harvesting.

TEACHING PROPOSAL

After graduating, you will:

- 1 Apply advanced principles of machines and electrical installations, power electronics, automatic regulation, instrumentation, as well as define energy-efficiency features of buildings and installations.
- 2 Know the nature of wind, water resources, biomass and solar energy.
- 3 Design renewable energy systems.
- 4 Write, develop and manage energy generation and efficiency projects in conformity with the legislation in force, quality methods and taking into account the environmental impact and sustainability.
- 5 Develop a degree of autonomy that will allow them to undertake high-level specialized studies, and subsequent further learning.

CAREER PROSPECTS

Electricity production center projects design and implementation based on renewable energies.

Design, implementation, rehabilitation and maintenance of efficient facilities.

Energy efficiency and resource optimization consultancy; environmental, economic and social impact studies.

Collaboration with companies that produce renewable energy, distribute and commercialize energy.

Technical personnel in the public administration with expertise in renewable energies and energy efficiency.

Renewable Energies and Energy Efficiency

STUDY PLAN

Certificate: Oficial Bachelor's Degree

Duration: 4 years

Total credits: 240 ECTS

	1st Year	2nd Year	3rd Year	4th Year	TOTAL (ECTS)
Basic Training (FB)	54	6	-	-	60
Compulsory (OB)	6	54	60	12	132
Optional (OT)	-	-	-	48	48

		ECTS
1st period	FB Physics	8
	FB Mathematics	7
	FB Computer Science	6
	FB Introduction to Business Management	6
	OB Anthropology	3
2nd period	FB Chemistry ¹	6
	FB Calculus	8
	FB Engineering Design Graphics	6
	FB Electrical Physics	7
	OB Environmental Engineering ¹	3

		ECTS
1st period	OB Business Organization	3
	OB Electronic Systems	7
	FB Statistics	6
	OB Theory of Machines and Mechanisms	7
	OB Automation and Industrial Control Methods ¹	7
2nd period	OB Materials Science and Technology ¹	6
	OB Fundamentals of Thermal and Fluid Engineering	6
	OB Circuit Theory	6
	OB Technical Office and Project Management	6
	OB Strength of Materials ¹	6

		ECTS
1st period	OB The Energy Market and Energy Management	3
	OB The Internet of Things for Energy Systems	6
	OB Solar Energy	6
	OB Electrical Machines	6
	OB Control Systems	6
2nd period	OB Electrical Energy Generation	3
	OB Truth, Kindness and Beauty	3
	OB Wind and Biomass Energy	6
	OB Energy Efficiency	6
	OB Power Electronics ²	9
	OB Engineering Projects	6

		ECTS
OB	Bachelor's Degree Final Project	12
OT	Work Placement	12
OT	Foreign Language (English)	6
OT	Foreign Language (German)	6

4th YEAR SPECIALIZATIONS:

SPECIALIZATION: Generation and Efficient Energy Consumption

	ECTS
OT Microenergies and Harvesting	6
OT Smart Buildings	6
OT Hydraulic, Geothermal and Tidal Energy	6
OT Sustainable Vehicles	3
OT Electrical Energy Storage	3
OT Distributed Energy Generation	6
OT Thermal Installations of Buildings	6

SPECIALIZATION: Electrical Engineering

	ECTS
OT Industrial Manufacturing Systems	3
OT Smart Buildings	6
OT Distributed Energy Generation	6
OT Low Voltage Electrical Installations	6
OT Medium and High Voltage Electrical Installations	9
OT Electrical Power Systems	6
OT Thermal Installations of Buildings	6

(1) Tuition in English available.
(2) Tuition only in English.



BACHELOR'S DEGREE IN MECHANICAL ENGINEERING

Description

As a graduate in Mechanical Engineering you will specialise in the manufacturing of industrial-related products (machinery, structures, auto parts, etc.), taking into account the need for a design which surpasses existing problems, know and choose the ideal materials, plan the manufacturing, and control the quality of the finished product, while at the same time taking into account its environmental impact. You will conduct this process thanks to a series of advanced simulation tools for circuits, computer - assisted 3D designs, numerical simulations, and

simulations of computer-assisted manufacturing (CAM) processes. You will also be capable of organising and directing the production of a company and its commercial and technical sectors, as well as being officially recognised as having the professional attributes of a Technical Industrial Engineer.

This bachelor's degree has been officially recognised as having the professional attributes of a Technical Industrial Engineer. (AQU) (2500896-70106-17).

TEACHING PROPOSAL

After graduating, you will:

- 1 Be proficient in science and material technology, technologies related to design, development and production of mechanical systems and structures, machines and thermal motors...
- 2 Analyze, diagnose and solve mechanical engineering problems in real professional environments.
- 3 Collect and interpret relevant data on mechanical engineering, through measurements, calculations and simulations to provide judgments, studies or reports.
- 4 Write and direct projects in the field of mechanical engineering, in compliance with the mandatory specifications, regulations and rules.
- 5 Develop a degree of autonomy that will allow them to undertake high-level specialized studies, and subsequent further learning.

CAREER PROSPECTS

Construction, assembly and maintenance of any industrial installation in the mechanical and thermal area.

Design and testing of new products or machine parts using CAD programs.

Study using finite elements and CAE programs, simulations and the manufacture of special and prototype pieces.

Programming of robots and obtaining numerical control programs using CAM systems.

Consultancy, logistics, management, organization of production, planning, quality, facilities, environmental consultancy services and sales in companies operating in this field.

Mechanical Engineering

STUDY PLAN

Certificate: Official Bachelor's Degree
Duration: 4 years
Total credits: 240 ECTS

	1st Year	2nd Year	3rd Year	4th Year	TOTAL (ECTS)
Basic Training (FB)	54	6	-	-	60
Compulsory (OB)	6	54	60	12	132
Optional (OT)	-	-	-	48	48

		ECTS	
1st period	FB	Physics	8
	FB	Mathematics	7
	FB	Computer Science	6
	FB	Introduction to Business Management	6
	OB	Anthropology	3
2nd period	FB	Chemistry ¹	6
	FB	Calculus	8
	FB	Engineering Design Graphics	6
	FB	Electrical Physics	7
	OB	Environmental Engineering ¹	3

		ECTS	
1st period	OB	Business Organization	3
	OB	Electrical and Electronic Technology	7
	FB	Statistics	6
	OB	Theory of Machines and Mechanisms	7
	OB	Automation and Industrial Control Methods ¹	7
2nd period	OB	Materials Science and Technology ¹	6
	OB	Fundamentals of Thermal and Fluid Engineering	6
	OB	Circuit Theory	6
	OB	Technical Office and Project Management	6
	OB	Strength of Materials ¹	6

		ECTS	
1st period	OB	Elasticity ²	6
	OB	Industrial Manufacturing Systems	3
	OB	Mechanical Technology	6
	OB	Advanced Engineering Design Graphics	6
	OB	Fluids and Thermal Engineering	6
2nd period	OB	Truth, Kindness and Beauty	3
	OB	Design of Machines and Mechanisms	6
	OB	Theory of Structures and Industrial Constructions	6
	OB	Heat Engines and Motors	6
	OB	Manufacturing Processes	6
Year	OB	Mechanical Engineering Projects	6

		ECTS	
4	OB	Bachelor's Degree Final Project	12
	OT	Work Placement	12
	OT	Foreign Language (English)	6
	OT	Foreign Language (German)	6

4th YEAR SPECIALIZATIONS

SPECIALIZATION: Industrial Processes

		ECTS	
OT	Advanced Manufacturing Methods ²	6	
OT	Information Systems for Design and Manufacture	6	
OT	CNC Manufacture and Simulation	6	
OT	Automation of Industrial Processes	6	
OT	Design of Hydraulic and HVAC Installations	6	
OT	Product Ecodesign and Carbon Footprint ²	6	
OT	Quality Control and Management Systems	6	

SPECIALIZATION: Integrated Design

		ECTS	
OT	Mechanical Design and Virtual Reality ²	6	
OT	Computer-Aided Engineering (CAE) ²	6	
OT	Material Selection for Design	6	
OT	Advanced Strength of Materials	6	
OT	Quality Control and Management Systems	6	
OT	Product Ecodesign and Carbon Footprint ²	6	
OT	Design of Hydraulic and HVAC Installations	6	

(1) Tuition in English available.
(2) Tuition only in English.





BACHELOR'S DEGREE IN INDUSTRIAL ORGANIZATION

Description

As a graduate in Engineering in Industrial Organization, you will be prepared to design, develop, implement and improve integrated systems that include people, materials, information, equipment and energy in a way that is in keeping with the business strategy and based on criteria of efficiency and sustainability. You will have an advanced vision of the relationship between engineering and management, planning, administration, control, research and organization of services, and also have to be able

to integrate these management systems in different technological environments. The training you receive in this bachelor's degree will allow you to consolidate the tradition of engineering in the industrial area with the new paradigm represented by the 4.0 industry.

This bachelor's degree has been officially recognised as having the professional attributes of a Technical Industrial Engineer. (AQU) (2500263-70106-17).

TEACHING PROPOSAL

After graduating, you will:

- 1 Be proficient in industrial technologies, production management and organization.
- 2 Analyze, diagnose and solve automation and industrial electronics problems with a high degree of professionalism.
- 3 Collect and interpret relevant data on technology, economic and financial, and production processes indicators to provide judgments, studies or reports.
- 4 Write and direct projects in the field of management, as well as operation organization and processes in compliance with the mandatory specifications, regulations and rules.
- 5 Develop a degree of autonomy that will allow them to undertake high-level specialized studies, and subsequent further learning.

CAREER PROSPECTS

Plant management, quality, safety and the environment management, purchasing and supplies management, organization management, continuous improvement management, processes management, or junior consultancy.

In the longer term, depending on your professional and academic career, you will opt for general company management, innovation management, production management system management or research management in technology centers.

Industrial Organization

STUDY PLAN

Certificate: Official Bachelor's Degree

Duration: 4 years

Total credits: 240 ECTS

	1st Year	2nd Year	3rd Year	4th Year	TOTAL (ECTS)
Basic Training (FB)	54	6	-	-	60
Compulsory (OB)	6	54	60	12	132
Optional (OT)	-	-	-	48	48

		ECTS
1st period	FB Physics	8
	FB Mathematics	7
	FB Computer Science	6
	FB Introduction to Business Management	6
	OB Anthropology	3
2nd period	FB Chemistry ¹	6
	FB Calculus	8
	FB Engineering Design Graphics	6
	FB Electrical Physics	7
OB Environmental Engineering ¹	3	

		ECTS
1st period	OB Professional Ethics ¹	3
	OB Electrical and Electronic Technology	7
	FB Statistic	6
	OB Manufacturing Methods ¹	7
	OB Automation and Industrial Control Methods ¹	7
2nd period	OB Materials Science and Technology ¹	6
	OB Fundamentals of Thermal and Fluid Engineering	6
	OB Information and Communications Technology	6
	OB Technical Office and Project Management	6
OB Economic and Financial Engineering	6	

		ECTS
1st period	OB Mechanical Technology	6
	OB Business Management	6
	OB Statistical Control of Products and Processes	6
	OB Quantitative Methods for Management ²	6
	OB Economy	6
2nd period	OB Truth, Kindness and Beauty	3
	OB Operations Research ²	9
	OB Quality, Security and Environmental Management	6
	OB Technology and Economic Innovation Policy	6
	OB Industrial Organization Engineering Projects	6

		ECTS
OB	Bachelor's Degree Final Project	12
OT	Work Placement	12
OT	Foreign Language (English)	6
OT	Foreign Language (German)	6
OT	Communicative and Social Skills	6
OT	Science, Technology and Society	6

4th YEAR SPECIALIZATIONS

SPECIALIZATION: Business Administration

		ECTS
OT	Knowledge and Innovation Management	6
OT	Management Information Systems	6
OT	Human Factor Management	6
OT	Industrial Marketing	6
OT	Project Management	6

SPECIALIZATION: Operations

		ECTS
OT	Supply Chain Management	6
OT	Plant Layout and Design	6
OT	Product and Process Engineering	6
OT	Management Information Systems	6
OT	Project Management	6

SPECIALIZATION: Industrial Engineering

		ECTS
OT	Fluids and Thermal Engineering	6
OT	Manufacturing Processes	6
OT	Advanced Engineering Design Graphics	6
OT	CNC Manufacture and Simulation	6
OT	Industrial Automation	6
OT	Automatic Control	6
OT	Electrotechnics	6

(1) Tuition in English available.
(2) Tuition only in English.



DOUBLE BACHELOR'S DEGREES: AUTOMATION AND INDUSTRIAL ELECTRONIC AND MECHANICAL

Description

Mechatronics, as this discipline is known, aims to endow products and materials with intelligence. All "smart" products require materials, components, etc. that incorporate sensors, actuators, communications that provide them with intelligence within more complex systems.

The degree in Automation and Industrial Electronic Engineering provides the training necessary for the application of electronic and microelectronic devices to the automation of production processes.

The Bachelor's Degree in Mechanical Engineering provides the training necessary to create a design which solves existing problems, to know and select the ideal materials, plan the manufacturing and control the quality of the product obtained considering, while at the same time taking into account its environmental impact.

That is why engineers graduating with these two degrees are capable of taking on the design, assembly, manufacture, production, implementation and planning of systems, projects, quality control, commercialization, processes and machinery in sectors that combine mechanics, electronics, computing and automation.

TEACHING PROPOSAL

After graduating, you will:

1

Be proficient in materials technology related to design, development and production of mechanical systems and structures, machines and thermal motors ..., and also technologies related to automation and industrial electronics, as well as industrial electronics, production and company management and organization.

2

Analyze, diagnose and solve automation and industrial electronics and mechanical engineering problems with a high degree of professionalism.

3

Collect and interpret relevant data on automation, and industrial electronics, and mechanical engineering through measurements, calculations and simulations to provide judgments, studies or reports.

4

Write and direct projects in the field of mechanical engineering, automation, and industrial electronics according to specifications, regulations and standards, as well as to communicate information, ideas, problems, and solutions to the audience effectively.

5

Develop a degree of autonomy that will allow them to undertake high-level specialized studies, and subsequent further learning.

CAREER PROSPECTS

Design, analysis, projection, and maintenance of electronic and microelectronic systems.

Management and commercial organization of electronic product and system companies.

Control of electric machines, as well as electric drives.

Creation, design, manufacturing, and maintenance of instrumentation systems, automats and robots.

Construction, assembly and maintenance of any industrial installation in the mechanical and thermal area.

Design and testing of new products or machine parts using CAD programs.

Study using finite elements and CAE programs, simulations and the manufacture of special and prototype pieces.

Programming of robots and obtaining numerical control programs using CAM systems.

Consultancy, logistics, management, organisation of production, planning, quality, facilities, environmental consultancy services and sales in companies operating in this field.

Double bachelor's degrees:

Automation and Industrial Electronic and Mechanical

STUDY PLAN

Certificate: Oficial Bachelor's Degree

Duration: 5 years

Total credits: 330 ECTS

	1st Year	2ns Year	3rd Year	4th Year	5th Year	TOTAL (ECTS)
Basic Training (FB)	54	6	-	-	-	60
Compulsory (OB)	6	60	60	48	24 (TFG)	198
Optional (OT)	-	-	6	18	48	72

		ECTS
1st period	FB Physics	8
	FB Mathematics	7
	FB Computer Science	6
	FB Introduction to Business Management	6
	OB Anthropology	3
2nd period	FB Chemistry ¹	6
	FB Calculus	8
	FB Engineering Design Graphics	6
	FB Electrical Physics	7
	OB Environmental Engineering ¹	3

		ECTS
1st period	OT Industrial Communications	6
	OB Mechanical Technology	6
	OB Advanced Engineering Desing Graphics	6
	OB Fluids and Thermal Engineering	6
	OB Elasticity ²	6
2nd period	OB Design of Machines and Mechanisms	6
	OB Theory of Structures and Industrial Constructions	6
	OB Heat Engines and Motors	6
	OT Work Placement	12
	Year OB Mechanical Engineering Projects	6

		ECTS
1st period	OB Business Organization	3
	OB Electronic Systems	7
	OB Statistics	6
	OB Theory of Machines and Mechanisms	7
	OB Automation and Industrial Control Methods ¹	7
2nd period	OB Industrial Manufacturing Systems	3
	OB Materials Science and Technology ¹	6
	OB Fundamentals of Thermal and Fluid Engineering	6
	OB Circuit Theory	6
	OB Technical Office and Project Management	6
3rd period	OB Strength of Materials ¹	6
	OB Truth, Kindness and Beauty	3

		ECTS
5	OB Bachelor's Degree Final Project	12
	OT Optional credits from the Bachelor's Degree in Automation and Industrial Electronic Engineering	24
	OT Optional credits from the Bachelor's Degree in Mechanical Engineering	24

Optional credits from the Bachelor's Degree in Automation and Industrial Electronic Engineering

OT	Advanced Control Techniques	6
OT	Industrial Internet of Things	6
OT	Industrial Electronics Applications ²	6
OT	Signal Processing and Data Analysis	6
OT	Information and Communications Technology	6
OT	Robotic Systems	6
OT	Advanced Robotics ²	6

Optional credits from the Bachelor's Degree in Mechanical Engineering

OT	Information Systems for Design and Manufacture	6
OT	CNC Manufacture and Simulation	6
OT	Advanced Manufacturing Methods ²	6
OT	Design of Hydraulic and HVAC Installations	6
OT	Quality Control and Management Systems	6
OT	Product Ecodesign and Carbon Footprint ²	6
OT	Computer-Aided Engineering (CAE) ²	6
OT	Material Selection for Design	6
OT	Advanced Strength of Materials	6
OT	Mechanical Design and Virtual Reality ²	6

(1) Tuition in English available
(2) Tuition only in English

HOW DO WE DO IT?

OUR EDUCATIONAL MODEL: ENGINEERING BY DOING



Escola Universitària Salesiana de Sarrià has implemented an Internal Quality Assurance System (IQAS) to ensure that the needs and expectations of students, as well as other groups within the academic community, are fully met as a strategic element of its educational and social action.

EUSS educational model is framed within the skills-based training pedagogy. It is developed on the basis of the most appropriate educational activities, where project work and internships in companies take a prominent role.

The four skills or competencies that must be the key pillars underlying education and life (learning to BE or personal competency, learning to LIVE TOGETHER or interpersonal competency, learning to DO or methodological competency, and learning to KNOW or technical competency) are the basis of the professional competencies required for the exercise of a given

profession. EUSS emphasises the personal competency (learning to be) since it is from attitudes that we want to promote the acquisition of knowledge, as well as the use of procedures and skills suitable for identifying and meeting new challenges arising from future changes in context, profession, specialty, responsibility, location, etc.

The Engineering by Doing model, which is a distinctive feature of EUSS, is taken on board by each member of the school. It is integrated into our dissemination programmes, and is subject to constant revision with the active participation of other actors in society.

Institutional Accreditation

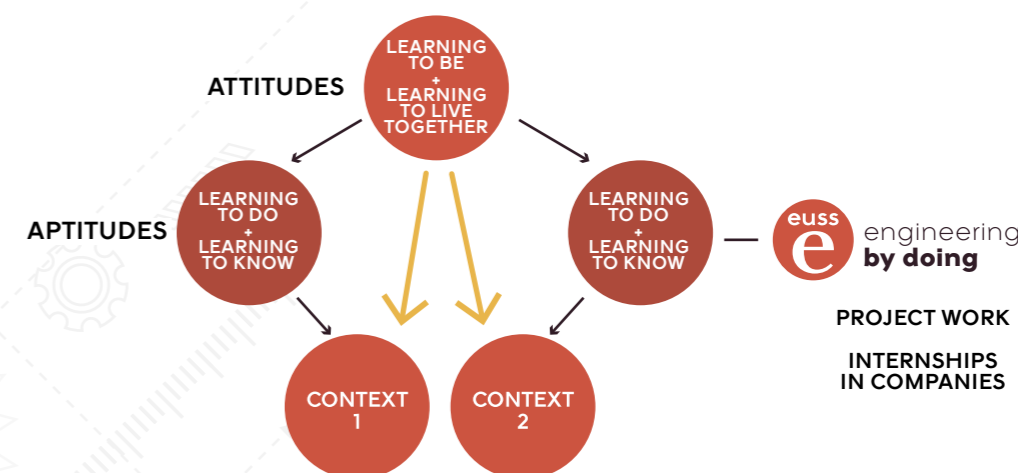
Institutional accreditation is a voluntary process of quality assurance in which the qualifications offered by universities together with their affiliates, their operational processes, and their continuous improvement are externally assessed to determine whether they meet the quality standards set by evaluation agencies.

EUSS has had institutional accreditation since March 2023, with a favourable report from the Catalan Agency for University Quality Assurance (AQU), and a resolution from the Ministry of Universities.

This accreditation ensures the quality of the qualifications offered by EUSS, at the same time it assesses aspects such as the quality of the training programme, the teaching-learning process and the student support, the suitability of the teaching staff, as much as the results quality. EUSS is the first centre affiliated to Universitat Autònoma de Barcelona (UAB) to achieve this recognition, which is renewed every six years.



AQU Catalunya registered on EQAR



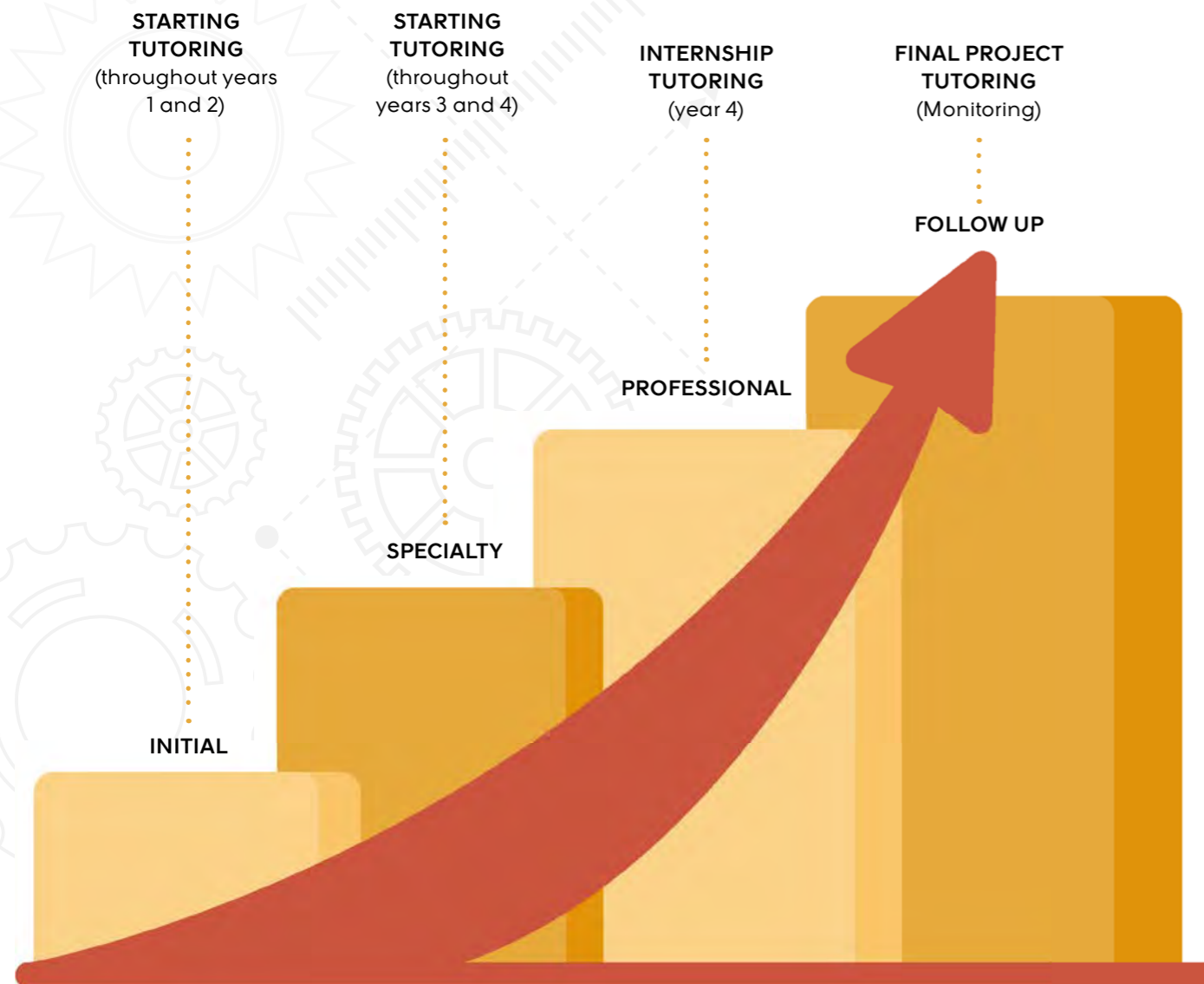
OUR STRENGTHS

- »» Engineering by Doing
- »» Small groups
- »» 50% of training time in laboratories
- »» Mobility programmes
- »» Good engineers, better humans
- »» Scholarships and grants
- »» Professional orientation and insertion
- »» 100% practiques en empreses
- »» High levels of graduate employability (AQU)
- »» High levels of satisfaction for graduates and collaboration companies

SUPPORT

EUSS has established a Tutorial and Guidance Action Plan with the aim of supporting students throughout their university years, in other words, from the moment they enroll until they are ready to enter the professional world. This mentoring is carried out through the active presence of the teaching staff, who assume the role of tutor to monitor students and ensure their integration into university life. This Tutorial and Guidance Action Plan has been acknowledged as good practice by the Catalan University Quality Assurance Agency (AQU) in the institutional accreditation process.

This tutorial system consists of 4 stages:



FACILITIES

The EUSS has its headquarters in a building which is, in some parts, a hundred years old. It was completely refurbished in 2002 to accommodate engineering studies. Our hallmark: to have more laboratories than classrooms.

CLASSROOMS

STUDY ROOM



LABORATORIES

Industrial Electronics Laboratory, Industrial Informatics Laboratory, Laboratory of Electricity and Electrical Machines, Industrial Automation Laboratory, Automation and Robotics Laboratory, Physics and Mechanical Systems Laboratory, CAD Laboratory, Electronics Technology Laboratory, Mechanical Technology Laboratory, Material Resistance Laboratory, Metrolog and Manufacturing Laboratory, Thermal and Fluid Mechanics Laboratory, Chemistry and Environment Laboratory, Automotive and Manufacturing Laboratory.



ACADEMIC MANAGEMENT OFFICE



OUTDOOR AREAS

CANTEEN

PUBLICATIONS SERVICE

SERENITY ROOM



LIBRARY

CAREER GUIDANCE AND JOB PLACEMENT

AUDITORIUM



INTERNATIONAL MOBILITY PROGRAMMES

GOALS

EUSS participates in numerous international mobility programmes, which provide all the members of our university community (students, faculty, as well as administrative and service staff) with the opportunity to undergo training stays all over the world.



To master a foreign language.

To get to know several facilities in different fields with a wide range of applications.

To get to know the culture and customs of a society which is different from our own.

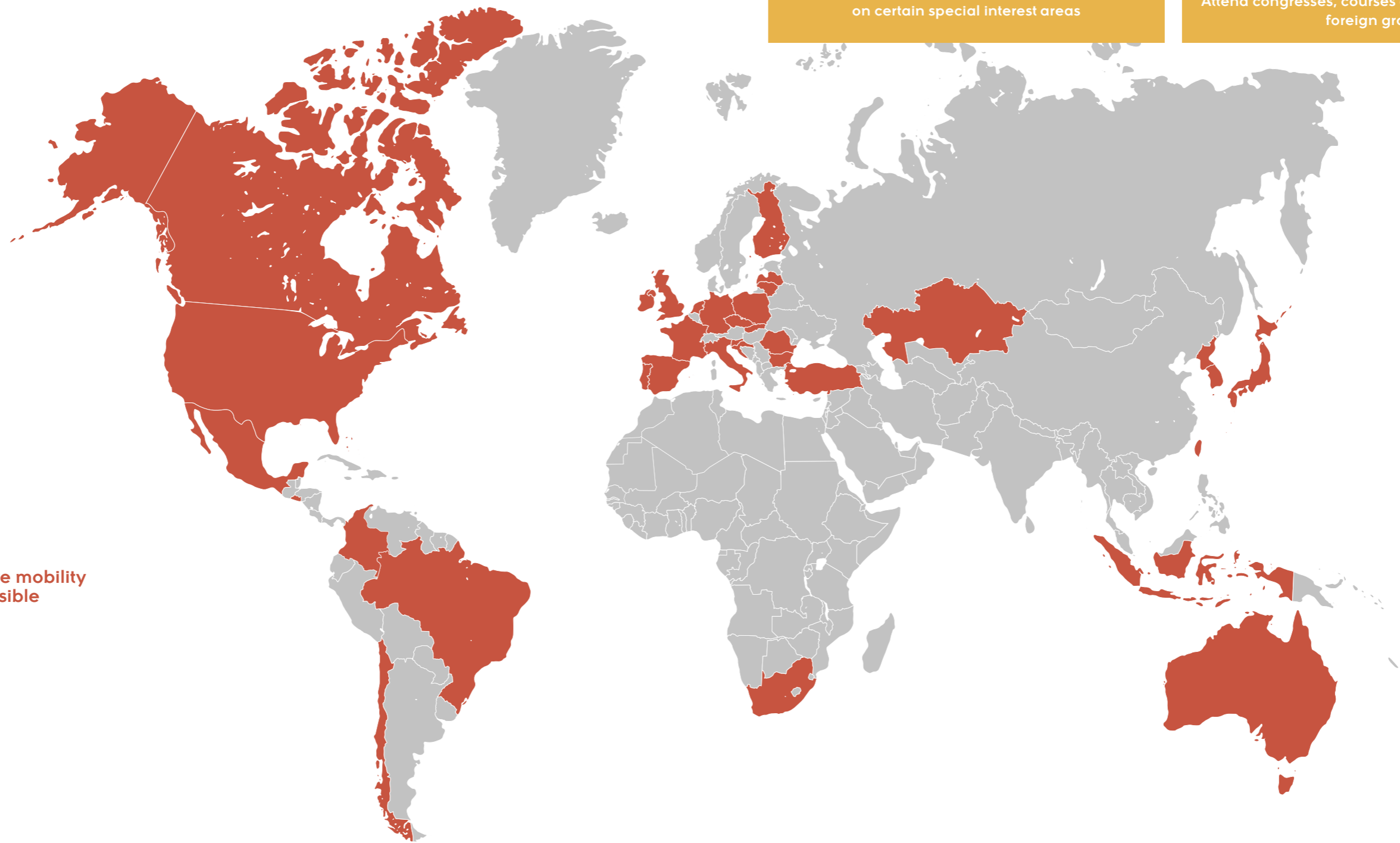
To take advantage of an academic offer focused on certain special interest areas

To gain international professional experience by doing an internship in a company.

Personal enrichment through travel and personal relationships with people from other countries.

To enrich your knowledge through contact with other university environments and teaching methodologies.

Attend congresses, courses or conduct research in foreign groups.



 Countries where mobility is currently possible

UNIVERSITY-BUSINESS AND TEACHING INNOVATION

The University-Business and Teaching Innovation Area - made up of Professional Orientation and Insertion Service, and the Alumni Service - is in charge of establishing, maintaining, and strengthening the links between EUSS and companies in the sectors of our degrees.

A second aspect of the area's work is to promote, systematize and coordinate research-based teaching innovation, as well as to ensure that the teaching innovation activities developed also involve close collaboration with the business fabric of our environment.

The Guidance and Professional Insertion Service provides both students and alumni with tools, skills, strategies, resources and knowledge through:

Counselling to help develop their professional and personal careers through various actions, such as group and individual guidance.

Dissemination of job offers, and internships from EUSS jobs bank.

External academic placements in companies.

The Graduate Employment Observatory.

The University-Business and Teaching Innovation Area works to bring students closer to companies. To achieve this, it organizes annual conferences aimed at labour market and professional orientation seminars:

ENTREPRENEURSHIP CULTURE DAY

A space to bring together experienced entrepreneurs, services and resources, and EUSS students.

'PRE-OCUPAT' DAY

A meeting point for companies from the industrial and technological sectors with our students, and alumni. Participating companies present their projects, as well as discuss the ideal professional profile they are interested in, in terms of possible professional opportunities.

'ACTIVA' I ACTUA' DAY

A great opportunity for students to get to know different professional scenarios, get an up-to-date view and real insight into the projects, talk to managers from different business and human resources areas, as well as deliver CVs to the participating companies.

CAREER GUIDANCE SEMINARS

These seminars are offered within the framework of the Professional Internship course. It is meant to provide tools and resources to EUSS students in the job search for it to be successful with the ultimate goal of achieving professional integration. We offer seminars about how to start the job search, apart from how to successfully face the job interview.

ALUMNI

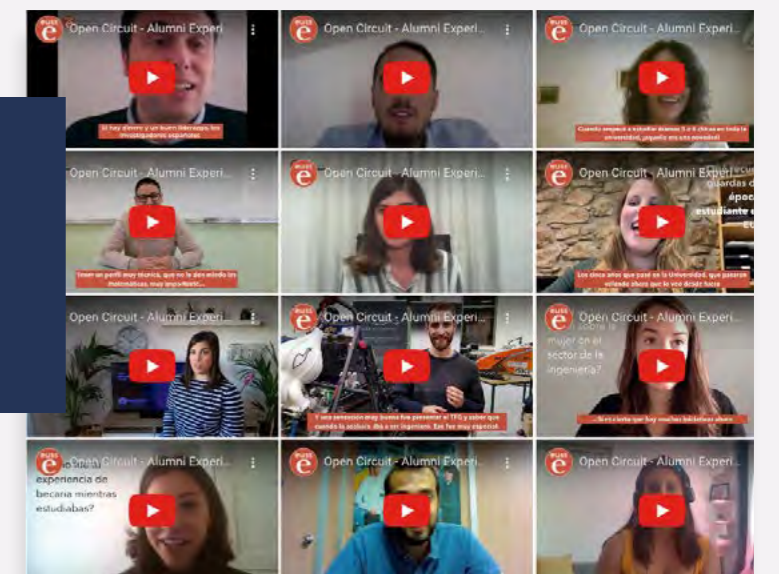


Alumni EUSS is a service aimed at the graduates of our school, operating under the motto "Praeit ac Tuetur" ("Protect and accompany"). This commitment aims to accompany and provide mutual support throughout their post-university life, thus consolidating their lasting connection not only with the institution, but also with each other.

After the graduation ceremony, the graduates officially become alumni of EUSS and Don Bosco's, joining the AlumniEUSS family plus the Alumni and Alumnae of Don Bosco (AAADB).

Would you like to know what some of our alumni have to say about us?

What was their time at EUSS like, where are they currently working, etc.? Have a look at the Open Circuit Alumni Experiences section.

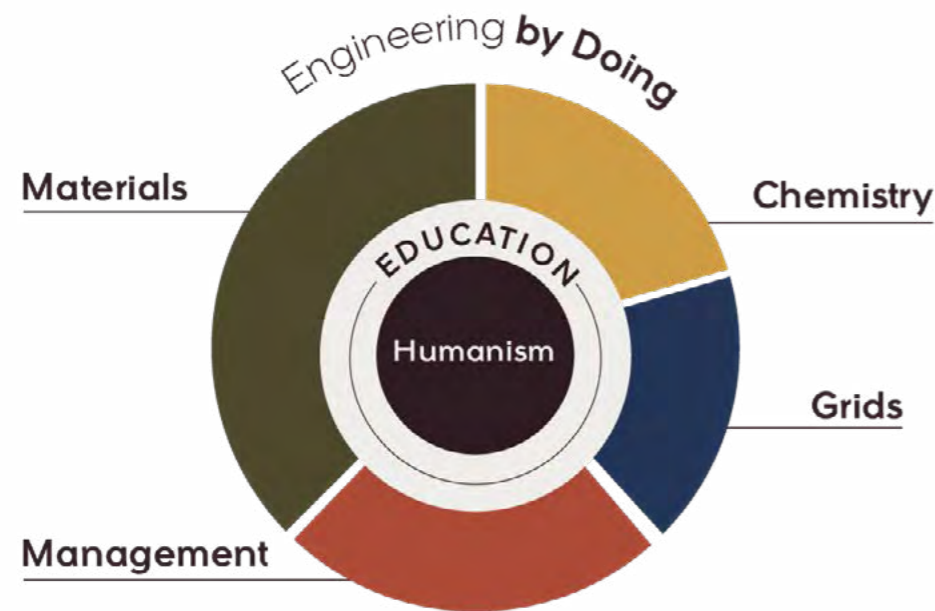


RESEARCH

Research is a basic pillar in the social and technological development of our society. Committed to this idea, EUSS promotes research, technology transfer, and dissemination of generated knowledge.

The Research Group at EUSS currently includes 25 members who combine both research and teaching. This task is largely carried out on the basis of external collaboration with other local and international universities, research centers, and companies.

Research at EUSS revolves around five main areas: Materials, Chemistry, Grids, Management and Humanism-Education. Research in this latter field transversely involves all the university departments and teachers, being intimately linked to the innovation in education applied at EUSS, and its learning philosophy "Engineering by Doing".



HUMANISM
Philosophy and hermeneutics of faith, philosophy applied to organisations.

EDUCATION
Active learning in Engineering Education, Education and Activism towards Sustainable Development, Epistemology and Didactics, ICT and Graphic Expression.

MATERIALS
Multifunctional Molecular Magnetism
Superconducting Coated Conductors
Supercapacitors

CHEMISTRY
Process control
Chemometrics
Vehicle Emissions

GRIDS
Smart Grids
Simulation by agents

MANAGEMENT
OWA Methods for Decision Making
Smoothing Methods
Blockchain Technology and Token Economy
Public Sector Economy

EUSS MOTORSPORT

A single-seater entirely created by students

Automotive engineering is one of the most attractive career opportunities for EUSS students. With the aim of encouraging these people in this discipline, Formula Student was born, an international university competition that brings together more than 800 university teams made up of future engineers to design, build, pilot and plan the production of a formula-style racing car to compete against other schools around the world.

In 2017, a group of students from our school joined this challenge applying the Engineering by Doing philosophy. This is how the EUSS MotorSport team was born. In order to achieve this goal, it was necessary to form a multidisciplinary team who could put into practice all the knowledge acquired during their studies in the specialties of Mechanics, Electronics, Automotive, Renewable Energies and Energy Efficiency, as well as Industrial Organization.

The Formula Student competition is divided into 3 categories, according to the type of vehicle: combustion, electric and autonomous.

Nowadays, the EUSS Motorsport team is competing in the electric vehicle category, where the maximum score a team can get is 1.000 points. Vehicles and teams are evaluated in different tests. The scoring in this category is as follows:



STATIC TESTING | DYNAMIC TESTING



WHERE IS EUSS LOCATED?

Meet Barcelona: Visit and love it

Step into the city's districts and neighbourhoods, and enjoy its attractions. Make the most of all Barcelona has to offer: urban areas, cultural and architectural heritage, natural areas, leisure, study centres, museums, recommendations on where to go shopping or practice sports, and much more.

Points of interest in the city

Discover the 10 unmissable sights in Barcelona.



Sagrada Família

Designed by the Catalan architect Antoni Gaudí, the Sagrada Família is a beautiful basilica in the center of Barcelona and one of its most visited landmarks.



Park Güell

It was built between 1900 and 1914 by the famous Spanish architect Antoni Gaudí. Find out opening hours, prices and what to see.



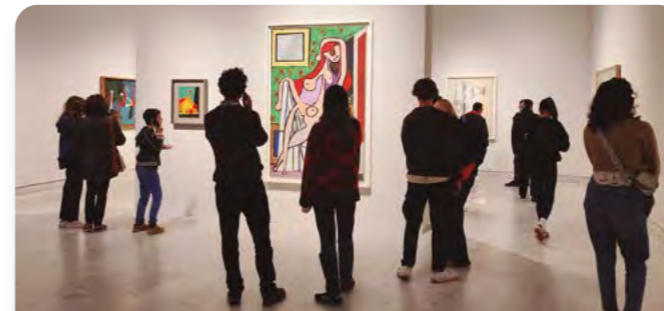
Museu Nacional d'Art de Catalunya

Housed in Montjuïc Castle, the Museu Nacional d'Art de Catalunya (National Museum of Catalan visual art) is one of the main museums in Barcelona.



Spotify Camp Nou

The FC Barcelona Football Stadium and its museum have become one of the most visited attractions in Spain. Find out ticket price and more.



Museu Picasso

The Museu Picasso (Picasso Museum) in Barcelona features 3,500 works of art by Pablo Picasso. It is the world's largest collection of the Cubist artwork.



Casa Batlló

Commissioned by Josep Batlló and designed by Gaudí, it was constructed between 1904 and 1906 and is a must-see in Barcelona.



La Pedrera

Casa Milà, known as La Pedrera due to its stony appearance, is a surprising modernist building designed by Gaudí between 1906 and 1912.



La Rambla

La Rambla (Las Ramblas) is an extremely famous street in central Barcelona. It is packed with terraces, various artistic shows, mimes and flower stands.



Palau de la Música Catalana in Barcelona

The Palau de la Música Catalana (Music Palace) is one of the most important concert halls in the world and one of the best examples of Catalan Modernism.



Mercat de la Boqueria

The Mercat de la Boqueria (Boqueria Market) is officially known as Mercat de San Josep. It is one of the most visited spots of Barcelona. Find out why.

Discover the most representative NEIGHBORHOODS AND AREAS OF BARCELONA



La Barceloneta

The Barceloneta is one of the most dynamic and popular neighborhoods in Barcelona. It is full of magic and history. Discover the best things to see and do.



Port Olímpic Barcelona

The Port Olímpic in Barcelona is one of the most beautiful districts of the city. It was built for the 1992 Summer Olympics.



Montjuïc

Montjuïc is a hill in Barcelona and one of the most wonderful parts of the city. It has superb views over Barcelona, houses, good museums and a park.



The Eixample

It's the most iconic district in Barcelona. Most of the famous Gaudí buildings are located there. Its gridlike layout is the symbol of the sunny and modern Barcelona we know today.



La Rambla

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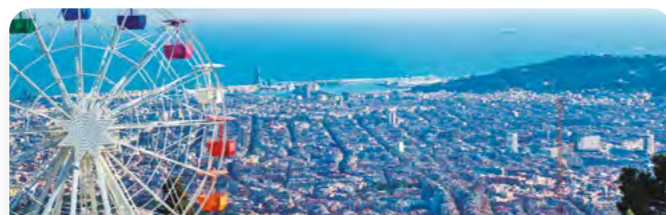
Gràcia

Charismatic, cosmopolitan and bohemian. Gràcia has a vibrant community life. The district still preserves the feel of the village that it once was.



Gothic Quarter in Barcelona

Located in the heart of Barcelona, in the Ciutat Vella district, the Gothic Quarter is the oldest and most striking parts of Barcelona.



Sarrià - Sant Gervasi

Sarrià - Sant Gervasi, a gateway to Collserola Nature Park including Tibidabo, features public parks, mansions, and village-like areas. EEUSS is located in Sarrià.

THE 3 MOST FAMOUS SQUARES:



Plaça Catalunya

Plaça Catalunya is one of the most visited places in Barcelona and one of the largest squares in Spain. It measures 30,000 square meters.



Plaça Sant Jaume

Plaça Sant Jaume has been the administrative and historic center in Barcelona since ancient times. It houses the city hall and the Generalitat.



Plaça d'Espanya

Plaça d'Espanya (Plaza de España in Spanish) is one of the main squares in Barcelona. It was built for the 1929 International Exhibition.

Culture Heritage

Barcelona boasts an immense cultural heritage. In the city you can find one-hundred-year-old theatres dedicated to opera and music such as the **Gran Teatre del Liceu** and the **Modernista Palau de la Música Catalana**. There are also excellent and modern auditoria as well as major institutions devoted to the plastic arts, centres catering for the most avant-garde art forms, venues for scenic innovation, theatres staging the classics and art galleries and spaces devoted to heritage art.

Charming corners: Hidden Barcelona

Hidden away off the beaten tourist tracks, down little side streets, there are an infinite number of truly Barcelona recesses that people often know nothing about, even those who live here. Squares, cloisters, alleyways, walks and paths that belong to another era and evoke a Barcelona that, at first sight, appears not to exist: one that maintains the essence of the town or village that every city neighbourhood used to be.

MEET CATALONIA

A LAND THAT INVITES YOU TO DREAM

Val d'Aran

Val d'Aran is a hidden treasure in the middle of the Catalan Pyrenees. A place where the wildest and most exuberant nature merges. A place where you can practice adventure sports you are passionate about, and get lost in ancient landscapes.



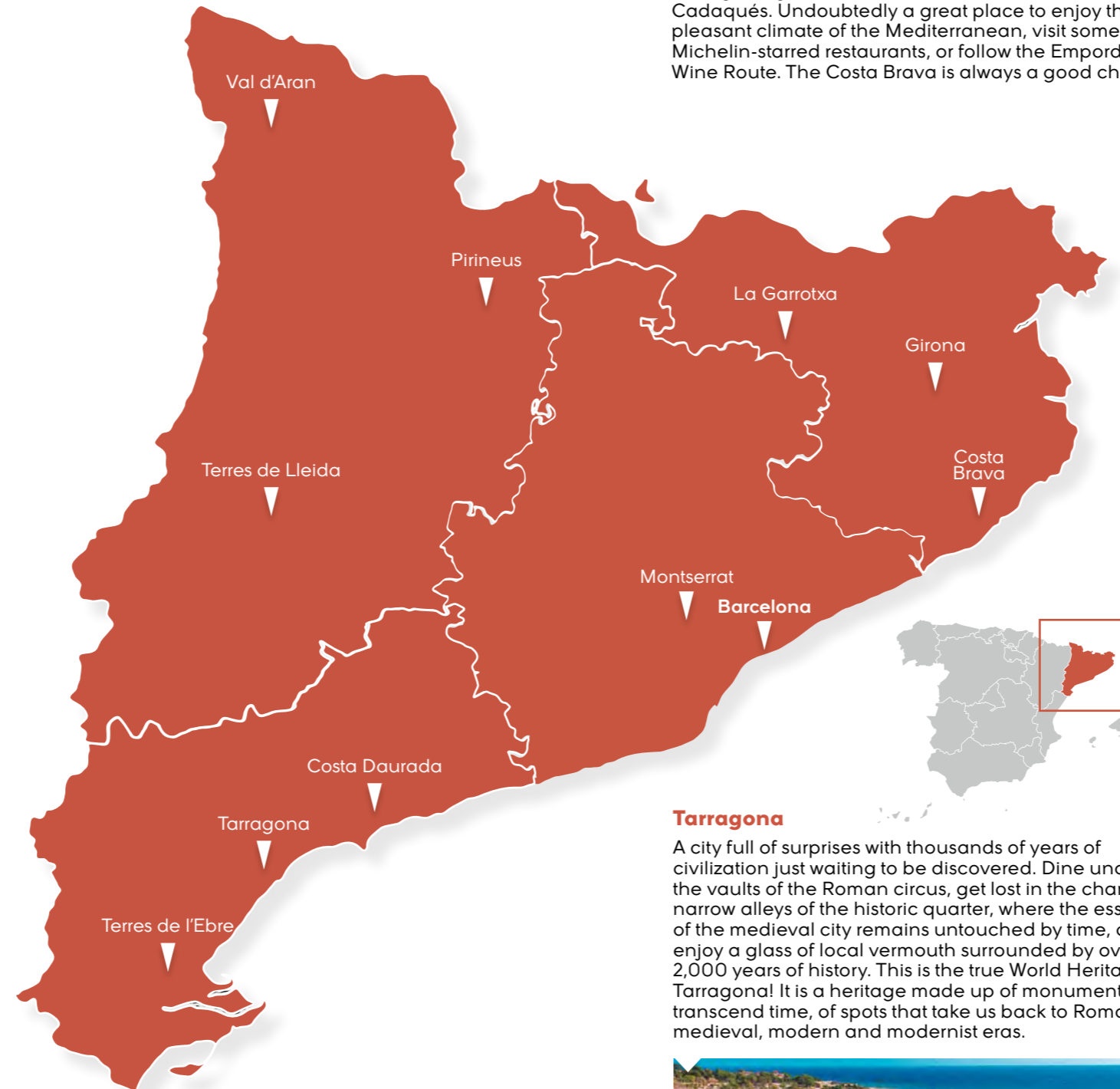
Pirineus

Delve into the wildest nature. Breathe the clean air of the mountains and their valleys, admire the most spectacular landscapes.



Terres de Lleida

Terres de Lleida has a lot to see and much more to do. Discover the agricultural essence of an intensely coloured landscape: blue skies, green forests, golden fields, and brightly blooming fruit trees. A place full of history that invites you to live it with all your senses.



Terres de l'Ebre

Terres de l'Ebre is an explosion of colours and life, where nature coexists with culture. Where beaches and mountains are among unique landscapes. A land of contrasts, of rural character, and an exciting history. With the Ebre river as the protagonist and witness of a story intertwined with the land. Come and be captivated by the unique charm of Terres de l'Ebre!

Costa Brava

Coves of deep blue sea, beaches of golden sand, natural parks, medieval towns, the works of Salvador Dalí... This is the tempting combination of Girona's Costa Brava. This is the area of Catalonia from Blanes to Portbou with fascinating cities like Girona and old fishing villages with little whitewashed houses like Cadaqués. Undoubtedly a great place to enjoy the pleasant climate of the Mediterranean, visit some of its Michelin-starred restaurants, or follow the Empordà D.O. Wine Route. The Costa Brava is always a good choice.



Tarragona

A city full of surprises with thousands of years of civilization just waiting to be discovered. Dine under the vaults of the Roman circus, get lost in the charming, narrow alleys of the historic quarter, where the essence of the medieval city remains untouched by time, or enjoy a glass of local vermouth surrounded by over 2,000 years of history. This is the true World Heritage of Tarragona! It is a heritage made up of monuments that transcend time, of spots that take us back to Roman, medieval, modern and modernist eras.

La Garrotxa

Forty volcanic cones and more than 20 lava casts welcome you to La Garrotxa, north of Girona. This landscape, the best example of volcanic land formation on the peninsular, is only two hours by car from Barcelona. Nature lovers will be thrilled at unforgettable experiences amongst the forests and volcanoes that typify this region.



Girona

This charming town is located in the northeast of Catalonia. Girona's Old Town is a must-see. The narrow streets and colorful buildings will transport you back in time. You can visit the Cathedral of Girona, which dates back to the 11th century, and the Jewish Quarter, which is one of the best-preserved in Europe.



Montserrat

Montserrat mountain and its monastery have always been an important symbol of Catalonia's history, spiritual beliefs and culture, and is also the home of the religious figure of the Mare de Déu de Montserrat, the patron saint of Catalonia. The mountain, scene of numerous legends, has an interesting configuration: it is an immense mass of rock which stands out against the sky with a series of unusually-shaped peaks.



Costa Daurada

Costa Daurada, a land of Mediterranean character with sandy beaches, vineyards, and olive trees, invites you to experience its mixture of tradition and modernity, a rich historical heritage full of joy.

EXPERIENCE THE CULTURE IN CATALONIA

The cultural possibilities of Catalonia are extraordinary. From its historical background, an inexhaustible cultural source is born. Festivals and parties will allow you to enjoy traditions as unique as the castellers (the human towers), the giants or the correfocs.

A great diversity of festive events, elements and acts are part of the Catalan festive heritage.

Each town and city has its own festivals, which reinforce cohesion and the sense of belonging, celebrations all with their own characteristics. To enter the richness and plurality of the festivities of Catalonia is to discover an inexhaustible intangible cultural heritage, full of tradition, values in constant transformation and with a lot of citizen, associative and institutional involvement and participation.



Cuisine with identity

Catalonia can guarantee a top quality gastronomic experience. What's on offer is a good example of the marvels of **Mediterranean cuisine** from Catalonia, a marriage between mountain and sea, meat and fish. But instead of resting on the laurels of tradition, the Catalan cuisine has evolved and, thanks to its particular innovations, has become one of the country's best calling cards as far as the world is concerned.

Catalan gastronomy springs from the agricultural and livestock activity of the territory with local products. It is respectful with the landscape and the environment: it is sustainable and it is committed to responsible consumption. Agroecology is increasingly present in the territory, and you can see this through the evolution and perfection of wine and oil culture, two of the star products of the Catalan and Mediterranean cuisine.

Wine and oil have become true cultural symbols that go beyond gastronomy. Through them, you can find your ideal experience in Catalonia: turn a meal into a ritual, discover the modernist architecture of a few wineries or the centuries of history of some mills, walk through fields of vineyards and olive trees, and enjoy the landscapes, or attend fairs and festivals. Two products that have helped creating a unique experience thanks to both the wine and the oil tourism routes.



Catalonia is sport

In Catalonia, you can enjoy a wide range of sports, either individually or in a team. Everyone can enjoy a sporting stay in the territory and take advantage of the excellent facilities at their disposal, some of which considered world-class.

Catalonia is a country that delights in sport, that is, physical activity is part of the daily life of its inhabitants. Every town and city has spaces dedicated to sports and there are many popular disciplines. You will find football fields, basketball or handball halls, swimming pools or athletics tracks.

In addition to this, we cannot forget a geographical situation and a climate that make Catalonia a first-class sports tourism destination all year round. From winter sports in the ski resorts of the Pyrenees to water sports such as diving or snorkelling. The mountains and rivers of the territory become an ideal space for the practice of disciplines such as hiking or climbing, rowing or canoeing. The coastline also offers countless options, from sailing in sailing boats to sand sports on the immense beaches on our coast.

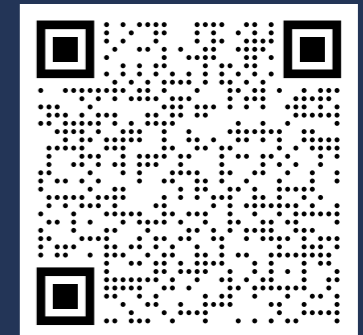
Catalonia also offers you the possibility to enjoy sport as a spectator. Many major international competitions have passed through our territory in recent years.

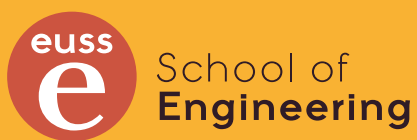


Accommodation

EUSS is located in the district of Sarrià-Sant Gervasi. If you live far from Barcelona, in this part of town you will find several student residences, but you also have the possibility of renting an apartment or room, or live in the UAB Vila Universitària.

More information: <https://www.euss.cat/en/bachelors-masters-degrees/mobility/accommodation>






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