

SELLO	EURO-INF
Higher Education Institution:	UNIVERSITAT ROVIRA I VIRGILI
Country:	SPAIN
State/province:	TARRAGONA
Name of the programme:	<i>Bachelor's Degree in Computer Engineering</i>
Degree awarded:	BACHELOR'S DEGREE IN ENGINEERING
Qualification Level :	<i>First cycle</i>
Programme Objectives; Profile:	<p>The aim of the degree is to enable graduates to reach overall solutions for computer problems by adapting to the needs of the environment and the evolution of available technologies. Using engineering processes, they will be able to manage computer projects, and develop and manage the technology to construct and maintain computer systems.</p> <p>Computer engineering deals with all the aspects of information management. Graduates will be able to design software of differing dimensions and complexities to be used in different architectures (centralized, mobile, distributed) as well as select the best hardware platform that will function optimally.</p> <p>Profile. The degree is designed in accordance with the recommendations of the General Secretariat for Universities for the degree in Technical Computer Engineering (Ruling of 8 June 2009 of the General Secretariat of Universities), so the graduates will acquire the competences specified.</p> <p>Graduates in Computer Engineering will specialize in one of the two majors that are taught:</p> <ul style="list-style-type: none"> ➤ Software Engineering – approaches computer solutions by using engineering methods. ➤ Computation – designs algorithms to optimize the solutions to problems.
Programme Duration	8 semesters (4 years)
Total Number of ECTS Credits Awarded:	240 ECTS
Brief Description of the Programme:	<p>The Bachelor's Degree in Computer Engineering provides students with basic training in Mathematics, Physics, Computer Science and Economics, with a total of 66 ECTS credits. It is supplemented with 120 compulsory ECTS credits consisting of 72 credits from the branch of computer science, 12 credits from other subjects and 36 credits from the two majors. All students will have to study 18 credits from subjects belonging to the block Software Engineering and 18 credits from subjects belonging to the block Computation. Additionally, to comply with the recommendations, they will have to complete 30 credits from subjects dealing with the specific technology selected. The course is completed with 12 optional credits and 12 credits for the</p>

	<p><i>Bachelor's degree thesis.</i></p> <p><i>AS far as the EQNAIE learning outcomes are concerned, the degree is structured in 44 ECTS credits for basic computer concepts, 125/121 credits for analysis, design and implementation, 20 credits for technological and methodological competences, and 33/37 credits for other professional competences.</i></p> <p><i>The degree covers issues such as the organization of computers, operating systems, programming technologies, networks, programming engineering and computer projects. This training is supplemented by the speciality that each graduate chooses. The relation between the various subjects is important and to encourage students to get a general overview, some of the subjects have joint practical sessions. For example, the students of the subject Information System Projects direct a team of students from the subject Programming in a project which they have analyzed in Analysis and Design of Applications.</i></p> <p><i>As well as ensuring that students have a good command of technical information, students are also given the opportunity to acquire general competences that supplement their engineering skills (Professional and Academic Guidance, Technical English, Information System Projects). The degree enables students to choose 12 ECTS credits from optional subjects which can be done with subjects on more specific issues or with work experience in companies. The bachelor's degree completes the course. Students must carry out a professional project in the field of computer engineering in which they synthesize and integrate the competences acquired throughout the degree.</i></p>
<p>Examples of Very Good Practice:</p>	<ul style="list-style-type: none"> • <i>The first year of the programme is the same as that of the other degrees taught at the School of Engineering.</i> • <i>Professional and Academic Guidance subject.</i> • <i>The Tutorial Action Plan has now been in practice for several years and is considered to be positive by all those involved. All students have a tutor assigned who guides them whenever they have to take a decision that affects their academic life.</i> • <i>There are close links between the research activity of the lecturers and knowledge transfer.</i> • <i>Students are very satisfied with the teaching staff.</i> • <i>Students can do a double degree with the Bachelor's Degree in Biotechnology.</i> • <i>Students can go on to study a master's degree or a doctorate at the same School.</i> • <i>A wide range of mobility places (Erasmus and other programmes) are on offer.</i> • <i>The Campus has first-rate facilities at its disposal: classrooms, laboratories, Learning and Research Centre. The facilities and services are valued very highly by the university community.</i> • <i>The Advisory Council has members from the various sectors that can employ graduates, and is an important consultative body for the lecturers responsible for the degree.</i> • <i>The work experience programmes in companies and the fact that adjunct lecturers from companies teach some subjects is valued very positively.</i>

Web	http://www.urv.cat/cae/graus/es_graudenginyeriainformatica.htm
Accredited without / with Adjustment Requirements	Accredited without Adjustment Requirements
Adjustment Requirements:	---
Accredited by:	ANECA-IIE
Accredited (from ... to ...)	<i>From 27 July 2016 to 27 July 2022</i>