

ECTS INFORMATION FOR THE YEAR 07-08

1. INFORMATION ABOUT THE MOBILITY COORDINATOR

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2. DESCRIPTION OF THE SCHOOL OF ENGINEERING

Courses taught at the School of Engineering

- Information Systems Engineering (ETIG)
- Computer Systems Engineering (ETIS)
- Industrial Engineering: Industrial Electronics (ETIEI)
- Industrial Engineering: Electricity (ETIE)
- Telecommunications Engineering: Telematics (ETTT)
- Automation and Industrial Electronic Engineering (EAEI)
- Computer Engineering (EI)
- Master's Degree in Information and Security Engineering (MEIS)
- Master's Degree in Electronic Engineering (MEE)
- Master's Degree in Artificial Intelligence (MIA)

Address of the website of the School of Engineering:

<http://www.etse.urv.es/>

Address of the website of the Department of Electronic, Electric and Automatic Engineering

<http://www.urv.cat/redireccionar.php?url=http://www.etse.urv.es/DEEEA/HTM/Menus/catala.htm>

Website of the Department of Computer Engineering and Mathematics

<http://deim.urv.cat/>

3. DESCRIPTION OF THE BACHELOR'S DEGREE IN COMPUTER SYSTEMS ENGINEERING

Minimum length of the programme: 3 years

University credits: 198 (154.5 compulsory and core, 13.5 optional)

* Credits are used as units of evaluation in teaching programmes. Each subject in the curriculum is assigned a certain number of credits. Each credit corresponds to ten hours of theoretical or practical classes or their equivalent.

The award of credits is subject to the systems of the University for verifying the acquisition of knowledge.

For the University's own subjects adapted to the EHEA system, which follow the teaching methodology of the ECTS system, 25-30 hours of a student's workload are equivalent to 1 credit.

Curricula are divided into:

1. Core subjects. These are set by the Spanish Ministry of Education, Culture, and must be included in all curricula leading to the award of the same official certificate.
2. Compulsory subjects. These subjects are set by each University as an obligatory component of a student's degree course.
3. Optional subjects. These subjects are set by each University. They are included in the University's curricula and students may select from the range of subjects available.
4. Free-choice subjects. Each University includes a percentage of these areas as part of its total teaching load in each curriculum.

RECOMMENDED SEQUENCE OF COURSES

COMPULSORY AND CORE SUBJECTS

FIRST YEAR

<u>First and second semester</u>	ECTS credits
Linear Algebra	11
Mathematical Analysis	11
Programming I	11

<u>First semester</u>	ECTS credits	<u>Second semester</u>	ECTS credits
Computers	8	Computer Structure I	5
Economics	5	Company Economics	4

SECOND YEAR

<u>First semester</u>	ECTS credits	<u>Second semester</u>	ECTS credits
Statistics I	5	Databases	5
Computer Structure II	5	Statistics II	4

Introduction to Operative Systems	5	Data Structure	6.5
Introduction to Data Bases.	4	Discrete Mathematics	5
Languages, Grammar and Automats	4	Operative Systems	4
Programming II	5		

THIRD YEAR

<u>First and second semester</u>	ECTS credits
Software Engineering	11

<u>First semester</u>	ECTS credits	<u>Second semester</u>	ECTS credits
Financial Accounting	4	Computer System Management	4
Programming Languages	5	Business Administration	5.5
End-of-degree project	8	End-of-degree project*	8

- in the 1st semester

OPTIONAL SUBJECTS

THIRD YEAR

<u>First semester</u>	ECTS credits	<u>Second semester</u>	ECTS credits
COMPUTATIONAL GEOMETRY	4	Computer Graphics	4.5
Artificial Intelligence	5	Open Systems	5
Concurrent Programming	5	Computer Projects	4