

## LIST OF COURSES WITH A GROUP OF TUITION IN ENGLISH (SCHOOL OF COMPUTER ENGINEERING – ETSINF)

### ACADEMIC YEAR 2013-14

#### IMPORTANT WARNINGS

Please take into account that all the courses in the School of Computer Science have tuition in Spanish and in addition, only a set of these courses (listed below) have one group with tuition in English and limited places are available for exchange students during 2013-14.

- Please, be sure to choose subjects that match your degree, level and background: Search tool for courses (study guide, general information to check the pre-requisites, etc.):

[http://www.upv.es/pls/oalu/sic\\_asi.Busca\\_Asi?p\\_idioma=i](http://www.upv.es/pls/oalu/sic_asi.Busca_Asi?p_idioma=i)

- The timetables for 2013-14 will be available on this link: [https://www.inf.upv.es/int/horarios\\_oracle/val\\_cas/by\\_asig/horario\\_by\\_asig.php?idioma=c&list=](https://www.inf.upv.es/int/horarios_oracle/val_cas/by_asig/horario_by_asig.php?idioma=c&list=). At the moment, you can check the ones for 2012-13, as a reference.

For the registration of the English group courses, First-come, first-served (FCFS) basis will apply, with this priority order:

- Students whose host school is the School of Computer Engineering ([www.inf.upv.es](http://www.inf.upv.es)) > exists a bilateral agreement within our institutions in Computer Engineering (area 481) and the nominated student should have background in Computing Engineering/ Computing Science/ICT.

- Other students with other host schools or academic backgrounds.

- Late applications will be not considered (deadline for semester A/full academic year: 31<sup>st</sup> May 2013 – Semester B: 31<sup>st</sup> October 2014)

#### References (of the table below)

(1) Semester A: from September 2013 to January 2014 / Semester B: from February 2014 to June 2014 / AB: annual courses

(2) Lab group available in English

(3) Academic Department responsible for the tuition (AREA):

Code	Name (in English)	Web
DSIC	Computer Systems and Computation	<a href="http://www.dsic.upv.es">www.dsic.upv.es</a>
DISCA	Computer Engineering	<a href="http://www.disca.upv.es">www.disca.upv.es</a>
DISA	Systems Engineering and Control	<a href="http://www.isa.upv.es">www.isa.upv.es</a>
DFA	Applied Physics	<a href="http://www.fis.upv.es">www.fis.upv.es</a>
DMA	Applied Mathematics	<a href="http://www.dma.upv.es">www.dma.upv.es</a>
DOE	Business Organisation	<a href="http://www.doe.upv.es">www.doe.upv.es</a>
DEIO	Applied Statistics and Operational Research, and Quality	<a href="http://www.upv.es/deioac">www.upv.es/deioac</a>
DLA	Applied Linguistics	<a href="http://www.upv.es/di">www.upv.es/di</a>



**LIST OF COURSES WITH A GROUP OF TUITION IN ENGLISH (SCHOOL OF COMPUTER ENGINEERING – ETSINF)**  
**ACADEMIC YEAR 2013-14**

Code	Name in Spanish	Name in English	Term (1)	UPV Credits	ECTS	Lab group (2)	Year	Level	Degree	Academic department (3)
<b>GII: 4-YEAR PROGRAMME IN COMPUTER ENGINEERING</b>										
11538	FUNDAMENTOS DE ORGANIZACIÓN DE EMPRESAS	Fundamentals of Business Organization	B	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DOE
11539	ESTADISTICA	Statistics	B	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DEIO
11540	FUNDAMENTOS FISICOS DE LA INFORMATICA	Physical fundamentals of computer Science	A	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DFA
11541	INTRODUCCION A LA INFORMATICA Y A LA PROGRAMACIÓN	Introduction to Computers and Programming	A	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DSIC
11542	FUNDAMENTOS DE COMPUTADORES	Computer Basics	A	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DISCA
11543	PROGRAMACIÓN	Programming	B	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DSIC
11544	TECNOLOGIA DE COMPUTADORES	Computer Technology	B	4,5	4,5	Yes	1	Basic First cycle/Bachelor	Computer Science	DISCA



Code	Name in Spanish	Name in English	Term (1)	UPV Credits	ECTS	Lab group (2)	Year	Level	Degree	Academic department (3)
								or		
11545	ANALISIS MATEMATICO	Mathematical Analysis	A	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DMA
11546	ALGEBRA	Algebra	B	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DMA
11547	MATEMATICA DISCRETA	Discrete Mathematics	A	4,5	4,5	Yes	1	Basic First cycle/Bachelor or	Computer Science	DMA
11550	Deontología y profesionalismo	Ethics and Professionalism	B	4,5	4,5	Yes	2	Basic First cycle/Bachelor or	Computer Science	DOE
11551	Estructuras de datos y algoritmos	Data Structure and Algorithms	B	6	6	Yes	2	Basic First cycle/Bachelor or	Computer Science	DSIC
11552	Estructura de computadores	Computer Structure II	AB	9	9	Yes	2	Basic First cycle/Bachelor or	Computer Science	DISCA
11556	Interfaces persona computador	Human Computer Interfaces	B	4,5	4,5	Yes	2	Basic First cycle/Bachelor or	Computer Science	DSIC
11557	Lenguajes, tecnologías y paradigmas de la programación	Languages, technologies and Programming Paradigms	A	6	6	Yes	2	Basic First cycle/Bachelor or	Computer Science	DSIC
12990	Redes de computadores	Computer Networks	AB	9	9	Yes	2	Basic First cycle/Bachelor or	Computer Science	DISCA



Code	Name in Spanish	Name in English	Term (1)	UPV Credits	ECTS	Lab group (2)	Year	Level	Degree	Academic department (3)
11562	Concurrencia y sistemas distribuidos	Concurrency and Distributed Systems	B	6	6	Yes	2	Basic First cycle/Bachelor	Computer Science	DSIC
11561	Fundamentos de sistemas operativos	Fundamentals of Operating Systems	A	6	6	Yes	2	Basic First cycle/Bachelor	Computer Science	DISCA
11564	Teoría de autómatas y lenguajes formales	Automata Theory and Formal Languages	A	4,5	4,5	Yes	2	Basic First cycle/Bachelor	Computer Science	DSIC
11548	Bases de datos y sistemas de información	Databases and Information Systems	A	6	6	Yes	3	Basic First cycle/Bachelor	Computer Science	DSIC
11553	Arquitectura e ingeniería de computadores	Computer Architecture	A	6	6	Yes	3	Basic First cycle/Bachelor	Computer Science	DISCA
11555	Ingeniería del software	Software Engineering	A	6	6	Yes	3	Basic First cycle/Bachelor	Computer Science	DSIC
11563	Tecnologías de sistemas de información en la red	Technology for Information Systems in the Network	A	6	6	Yes	3	Basic First cycle/Bachelor	Computer Science	DSIC
11549	Computación paralela	Parallel Computing	A	4,5	4,5	Yes	3	Basic First cycle/Bachelor	Computer Science	DSIC
11560	Sistemas inteligentes	Intelligent systems	A	4,5	4,5	Yes	3	Basic First cycle/Bachelor	Computer Science	DSIC
11554	Gestión de proyectos	Project Management	B	4,5	4,5	Yes	3	Basic	Computer	DISCA



Code	Name in Spanish	Name in English	Term (1)	UPV Credits	ECTS	Lab group (2)	Year	Level	Degree	Academic department (3)
								First cycle/Bachelor	Science	DOE DEIO DSIC
11607	<a href="#">Diseño y configuración de redes de área local</a>	Design and Configuration of Local Area Networks	B	4,5	4,5	Yes	3	Specialization Information Technology/Bachelor	Computer Science	DISCA
11611	<a href="#">Administración de Sistemas</a>	SYSTEMS ADMINISTRATION	B	4,5	4,5	Yes	3	Specialization Information Technology/Bachelor	Computer Science	DSIC
DEGREE: 5-YEAR PROGRAMME IN Computer Engineering										
6045	SISTEMAS DE TIEMPO REAL	REAL TIME SYSTEMS	A	6	4,8	Check	5	Advanced (2 <sup>nd</sup> cycle)	Computer Science	DISCA
6070	SISTEMAS DISTRIBUIDOS	DISTRIBUTED SYSTEMS	A	6	4,8	Check	5	Advanced (2 <sup>nd</sup> cycle)	Computer Science	DSIC
6071	REDES DE ÁREA LOCAL	LOCAL AREA NETWORK	A	6	4,8	Check	5	Advanced (2 <sup>nd</sup> cycle)	Computer Science	DISCA
6842	ADMINISTRACIÓN DE SISTEMAS	SYSTEM ADMINISTRATION	A	6	4,8	YES	5	Advanced (2 <sup>nd</sup> cycle)	Computer Science	DSIC
7166	ROBÓTICA	ROBOTICS	A	4,5	3,6	YES	5	Advanced (2 <sup>nd</sup> cycle)	Computer Science	DISA