

**Higher College of Computing Science of Ciudad Real
BSc in Computer Science (Business speciality)**

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Centre Details	Address	Escuela Superior de Informática Paseo de la Universidad, 4 13071 Ciudad Real
	Telephone nº	34 926 295300
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Description of the Syllabus	Professional Qualification	BSc in Computer Science (Business speciality)
	Duration	3 years
	Division in Cycles	One 3-year-cycle
	Course Start Date:	2 nd October
Academic Calendar	Course End Date:	30 th May
	In the case of semestral subjects, the first semester is from 2 nd October to 19 th January and the second semester is from 12 th February to 30 th May	

Name of the Faculty/Centre	Higher College of Computing Science of Ciudad Real
Professional Qualification	BSc in Computer Science (Business speciality)
Date of the Syllabus	1998
Overall number of classes in UCLM credits	219
Overall number of classes in ECTS credits	180

First Year

Code	Subject	ECTS Credits
42501	Discret Mathematics and Algebra	9
42502	Calculus	7,5
42503	Fundamental Physics of Computing	7,5
42505	Digital Systems	6,5
42506	Programming Methodology and Technology	13
42507	Logics	5
42509	Numerical Analysis	4
42512	Computer Structure and Technology	7,5

Second Year

Code	Subject	ECTS Credits
42513	Statistics	7,5
42515	Data Information Structure	10
42516	Operating Systems	7,5
42520	Business Organisation and Management Techniques	10
42521	Computer Organisation I	5

42522	Ampliation of Programming	7,5
42523	Computer Networks	5
42528	Automata Theory and Formal Languages	5
	<i>Free Configuration</i>	2,5

Third Year

Code	Subject	ECTS Credits
42529	Databases	7
42530	Software Engineering in Business	9,5
42535	Business Administration Techniques	5
	<i>Optional Courses</i>	25
	<i>Free Configuration</i>	13

Optional Courses

Code	Subject	ECTS Credits
42552	Database Administration	5
42554	Administration of the Internet/Intranet Services	5
42556	Management Control	5
42557	Computer and Business Law	5
42558	Development of Software Components	5
42559	Development of Applications with Database Systems	5
42560	Operative Research	5
42561	Programmation Tools and Ranges	5
42562	Technical English I	5
42563	Technical English II	5
42564	Applied Cybernetics	5
42565	Office Automation	5
42566	Business Information Systems	5