

School of Agricultural Engineering of Ciudad Real 3-year Degree in Agricultural Engineering, focus on Agricultural and Food Industries		
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Description of the Syllabus	Professional qualification	3-year Degree in Agricultural Engineering, focus on Agricultural and Food Industries
	Duration	3 years
	Division in cycles	1 cycle

Name of the Faculty/Centre	School of Agricultural Engineering of Ciudad Real
Professional Qualification	3-year Degree in Agricultural Engineering, focus on Agricultural and Food Industries
Date of the Syllabus	1999 Syllabus
Overall number of classes in UCLM credits	225 UCLM credits
Overall number of classes in ECTS credits	180 ECTS credits

First Year

Code	Subjects	ECTS Credits	UCLM Credits
	Annual		
61101	Biology	10	12
	Cuatrimstral		
61102	Algebra	4,5	6
61103	Calculus	4,5	6
61104	General Chemistry	6,5	7,5
61105	Biochemistry	6,5	7,5
61106	Fundamental Physics of Engineering	6,5	7,5
61107	Environmental Science and Technology	4,5	6
61108	Systems of Representation	4,5	6
61110	Food Microbiology	6,5	7,5
61117	Soil Science and Climatology	3,5	4,5
	<i>Optional Course 1</i>	3,5	4,5
	<i>Free Option Subjects</i>	3,5	4,5

Second Year

Code	Subjects	ECTS Credits	UCLM Credits
	Annual		
61111	Unit Operations	8	9
	Cuatrimestral		
61109	Topography	4,5	6
61112	General Crop Farming	4,5	6
61113	General Fruit Tree Crops	3,5	4,5
61114	Construction	6,5	7,5
61115	Agricultural Engines and Machinery	4,5	6
61116	Agricultural Analysis	3,5	4,5
61118	Thermal Technology	4,5	6
61119	Animal Husbandry	4,5	6
	<i>Optional Course 2</i>	7	9
	<i>Free Option Subjects</i>	7	9

Third Year

Code	Subjects	ECTS Credits	UCLM Credits
	Annual		
61120	Economics	8	9
61121	Engineering of Fermentation Industries	10	12
	Cuatrimestral		
61122	Crops Protection	3,5	4,5
61123	Food Engineering	4,5	6
61124	Projects	4,5	6
61125	Herbaceous Crops	3,5	4,5
61126	Extraction Industries and Quality Control	4,5	6
9017	Degree Project	4,5	6
	<i>Optional Course 3</i>	7	9
	<i>Free Option Subjects</i>	7	9

Optional Courses

Code	Subjects	ECTS Credits	UCLM Credits
	First Year		
60136	Technical English	4,5	6
60137	Experimental Chemistry	3,5	4,5
60139	Elements of Machines	3,5	4,5
60140	Statistics and Operative Research	3,5	4,5
	Second Year		
61129	Industrial Fermentations	6,5	7,5
61130	Hydraulic Systems		
61131	Agro industrial Installations and Constructions		
61132	Principles and Basic Calculations of Processes	3,5	4,5
	Third year		
60167	Agricultural Policy	3,5	4,5
61133	Phytopathology	3,5	4,5
61134	Extensive Crop Farming	3,5	4,5
61135	Viticulture and Olive-growing	3,5	4,5
61136	Engineering in the Preservation Food Industries	3,5	4,5
61137	Horticulture	3,5	4,5
61138	Engineering in Meat Industries	3,5	4,5
61139	Cattle Production	3,5	4,5
61140	Food Biotechnology and Genetic Engineering	4,5	6