

School of Agricultural Engineering of Ciudad Real 3-year Degree in Agricultural Engineering, focus in Agricultural and Food Industries		
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Description of the Syllabus	Professional qualification	3-year Degree in Agricultural Engineering, focus in Agricultural and Food Industries
	Duration	3 years
	Division in cycles	1 cycle
	Admission requirements	
	Educational and professional goals	
	Access to further studies	

Name of the Faculty/Centre	School of Agricultural Engineering of Ciudad Real
Professional Qualification	3-year Degree in Agricultural Engineering, focus in 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	Subject	ECTS Credits
61101	Biology	5
61102	Algebra	4,5
61104	General Chemistry	6,5
61107	Environmental Science and Technology	4,5
61108	Systems of Representation	4,5
61106	Fundamental Physics of Engineering	6,5
	Biology	4,5
61103	Calculus	4,5
61105	Biochemistry	6,5

61110	Food Microbiology	6,5
61117	Edaphology and Climatology	3,5
	<i>Optional Course</i>	3,5
	<i>Free configuration</i>	3,5

Second Year

Code	Subject	ECTS Credits
61111	Unit Operations	4
61112	General Phytotechny	4,5
61115	Agricultural Engines and Machinery	4,5
61114	Construction	6,5
61113	Arboriculture	3,5
	<i>Optional Course 1</i>	3,5
	Unit Operations	4
61109	Topography	4,5
61116	Agricultural Analysis	3,5
61118	Thermal Technology	4,5
61119	Zootechny	4,5
	<i>Optional Course 2</i>	3,5
	<i>Free configuration</i>	7

Third Year

Code	Subject	ECTS Credits
61121	Engineering in the Fermentation Industries	5
61120	Economics	4
61122	Crops Protection	3,5
61123	Food Engineering	4,5
61125	Herbaceous Crops	3,5
61126	Extraction Industries and Quality Control	4,5
	Engineering in the Fermentation Industries	5
	Economics	4
61124	Projects	4,5
9017	End of Degree Project	5
	<i>Optional Course 1</i>	3,5
	<i>Optional Course 2</i>	3,5
	<i>Free configuration</i>	7

Optional Courses

Code	Subject	ECTS Credits
61137	Horticulture	3,5
61136	Engineering in the Canning Industries	3,5
61139	Cattle Production	3,5
61140	Food Biotechnology and Genetic Engineering	4,5
60140	Statistics and Operative Research	3,5
60139	Elements of Machines	3,5
61129	Industrial Microbiology	6,5
61132	Principles and Basic Calculations of Processes	4,5
60137	Experimental Chemistry	3,5
60136	Technical English	4,5
61130	Hydraulic Infrastructure	3,5
61133	Phytopathology	3,5
60167	Agricultural Ruling and Politics	3,5
61138	Engineering in the Meat Industries	3,5
61134	Extensive Crop Farming	3,5
61135	Vine and Olive-growing	3,5