

# COURSE CATALOGUE OF AGRICULTURAL ENGINEERING DEGREE

## University of Salamanca, Spain

Course Type	ECTS
Core courses	61,5
Common courses in Agriculture	82,5
Technology-Specific courses: Agricultural and Livestock Operations	66
Elective courses	18
Bachelor's thesis *	12
<b>TOTAL</b>	<b>240</b>

\* Not open to Erasmus students

### First year

Courses	Code	Term	ECTS
MATHEMATICS	105700	1+2	9
GRAPHIC EXPRESSION	105701	1	6
CHEMISTRY	105702		6
BIOLOGY	105703		6
GEOLOGY	105704		6
SOIL SCIENCE AND CLIMATOLOGY	105705		6
COMPUTER SCIENCE	105706	2	6
PHYSICS	105707		6
AGRICULTURAL BOTANY	105716		6
CARTOGRAPHY AND TOPOGRAPHY	105709		3
<b>TOTAL</b>			

### Second year

Courses	Code	Term	ECTS
AGRICULTURAL ECONOMICS	105710	1	6
ANIMAL PRODUCTION I	105711		6
PLANT PRODUCTION TECHNIQUES I	105712		6
HYDRAULICS AND IRRIGATION I	105713		3
AGRICULTURAL CONSTRUCTIONS I	105714		3
STATISTICS	105718		4,5
BUSINESS	105708	2	6
LIVESTOCK PRODUCTION II	105717		6
HERBACEOUS CROPS	105715		6
HYDRAULICS AND IRRIGATION II	105719		3
AGRICULTURAL CONSTRUCTIONS II	105720		4,5
PLANT PRODUCTION TECHNIQUES II	105721		6
<b>TOTAL</b>			<b>60</b>

### Third year

Courses	Code	Term	ECTS
AGRICULTURAL MANAGEMENT AND APPRAISAL	105722	1+2	9
ENGINES, MACHINES AND ELECTROTECHNICS	105723	1	4,5
ANIMAL HEALTH	105724		4,5
AGRICULTURAL GENETICS	105725		4,5
AGRICULTURAL POLICY AND RURAL DEVELOPMENT	105726		4,5
VITICULTURE	105727		4,5
Elective course 1	See list below		4,5
RURAL ELECTRIFICATION	105728	2	4,5
FRUIT FARMING	105729		4,5
PLANT HEALTH	105730		6
BIOTECHNOLOGY AND PLANT AND ANIMAL BREEDING	105731		4,5
Elective course 2	See list below		4,5
TOTAL			60

### Fourth year

Courses	Code	Term	ECTS
ENVIRONMENTAL SCIENCE AND TECHNOLOGY	105732	1	6
AGRICULTURAL PROJECTS	105733		6
ANIMAL NUTRITION	105734		6
REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS	105735		6
HORTICULTURE	105736		6
AGRICULTURAL WASTES	105737		4,5
SOIL DEGRADATION AND CONSERVATION	105738		4,5
BACHELOR'S THESIS *	105739	2	12
Elective course 3	See list below		4,5
Elective course 4	See list below		4,5
TOTAL			60

\* Not open to Erasmus students

Elective courses **	Code	Term	ECTS
AGRICULTURAL CHEMISTRY	105740	1	4,5
GARDENING	105741		4,5
ORGANIC AGRICULTURE	105747		4,5
LANDSCAPING	105745		4,5
AGRICULTURAL MICROBIOLOGY	105752	2	4,5
AGROFORESTRY SYSTEMS	105748		4,5
ALTERNATIVE ANIMAL PRODUCTION SYSTEMS	105743		4,5

AGRICULTURAL GEOGRAPHY	105744	4,5
GREEN AREAS AND SPORTS FACILITIES	105749	4,5
PHYSIOLOGY OF PLANT DEVELOPMENT	105753	4,5
INTERHNSHIP *	105750	9
HISTORY OF AGRICULTURE	105742	4,5

\* Not open to Erasmus students

\*\* Subject to a minimum number of enrolled students