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Bachelor programme in Organic Agriculture

Academic unit	Coimbra College of Agriculture (ESAC-IPC)
Type	Undergraduate Major Program
Level of qualification	Level 6. First Cycle (Bachelor's Degree) Program. 30 ECTS/semester during 3 years
Qualification awarded	The students who successfully complete the program are awarded the degree of Bachelor of Science (B.S.) in Bachelor Programme in Organic Farming
Mode of study	Full-Time
Admission requirements and recognition of prior learning	Foreign European Union citizens who wish to enrol in ESAC-IPC undergraduate degree programmes may apply: (a) Through a national contest; (b) Students already enrolled in a foreign Higher Education Institution may ask for transfer during an annual application period, with recognition of prior learning. Non EU citizens who wish to enrol in ESAC-IPC undergraduate degree programmes must apply via the annual application for International Students, using one of the following: (a) Those with a qualification giving access to Higher Education, meaning any diploma or certificate issued by a competent authority in the country in which it was awarded can apply directly to the desired bachelor degree; (b) Those or a Diploma of Portuguese secondary school or equivalent degree must apply for the specific ESAC-IPC bachelor degree exams (www.esac.pt); More information on how to apply for the Portuguese first-cycle bachelor programmes: Study in Portugal website.
Qualification requirements	The undergraduate students in this program must be successful in all the courses with a minimum achievement grade of 10, including their compulsory traineeship, and must have completed at least 180 ECTS credits.
Profile of the programme	Coimbra College of Agriculture offers both undergraduate and graduate programs on organic farming. There are courses on all agriculture areas. Our main target is to prepare students for careers in organic agriculture.
Occupational profiles of graduates	Graduates will be self-employed, employed by others to carry out Research & Development, entrepreneurship or innovation activities in the area of organic farming or general agriculture.
Access to graduate studies	The graduates of this program can apply to master programs to enhance their academic skills and career. The master program in Organic Farming is a continuity of the bachelor program in Organic Farming.
Examination regulations, assessment and grading	**Assessment of success** Assessment of success in a course may be carried out by a) continuous evaluation or b) exam. The students which do not achieve success during continuous evaluation are admitted to the exam if their presence is ≥75%. **Achievement grade** Grades are given in an absolute system scoring 0 to 20. Scores 0 to 9 indicate that the student was unsuccessful in a course (fail). Scores 10 to 20 indicate that the student was successful in a course (pass). **Continuous evaluation, final, resit and graduation exams** (1) All courses contemplate continuous evaluation, which may be carried out in different ways specified in the respective Course Datasheet. a) Assessment by modules: each module is given a percentage contribution to the final grade. The student passes only if the grade for each module is ≥7.5 and the final grade of the course is ≥9.5. The failed module(s) may be assessed in the final and/or resit exams or the student may choose to assess the whole subject of the course; b) When the course is not divided in modules, the student passes if the final grade of the course is ≥9.5. The contribution of each evaluation item for the final grade is specified in the Course Datasheet. The complete subject of a failed course must be assessed in the final and/or resit exams. (2) Final exams: a student may take the final exams only if 75% presence in the classes is achieved. The final exams may assess one or more course modules or the whole course. (3) Resit exams: are the final opportunity for a student to pass a course in a given academic year, and are available to all students. The resit exams may assess one or more course modules or the whole course. (4) Graduation exams: available to finalist students with, at the most, three failed courses to fulfil the bachelor program requirements.

Curriculum

1st year – 1st (Fall) Semester						
Code	**Title**	**L**	**LP**	**P/Lab**	**TG**	**ECTS**
1911002	Introduction to organic agriculture		52.5		8	4.5
8810020	Biology I		52.5		8	6
8810026	English language and communication		30		4.5	3
8810029	Numerical methods and programming	22.5	37.5		8	6
8810022	Chemistry and biochemistry I	30		30	9	6
8810033	Geology and climatology		45		7	4.5
1st year – 2nd (Spring) Semester						
Code	**Title**	**L**	**LP**	**P/Lab**	**TG**	**ECTS**
1912002	Plant physiology	15	30		7	5
8810024	Biology II		52.5		8	6
8810030	Technical English and communication		30		4.5	3
8810021	Mathematical analysis	22.5	37.5		8	6
8810025	Chemistry and biochemistry II	30		30	9	6
1912001	Pedology	22.5	30		8	4
2nd year – 3rd (Fall) Semester						
Code	**Title**	**L**	**LP**	**P/Lab**	**TG**	**ECTS**
1921001	Economy and sociology		32		19	4
1921002	Soil fertility and plant nutrition		36		15	4
1921003	Animal anatomy and physiology		43		25	5
1921004	Plant health		42		26	4.5
1921005	Animal health		43		25	4.5
1921006	Animal reproduction		36		15	4
1921007	Traineeship				7	4
2nd year – 4th (Spring) Semester						
Code	**Title**	**L**	**LP**	**P/Lab**	**TG**	**ECTS**
1922001	Animal nutrition and feeding		41		27	4
1922002	Irrigation and drainage		45		23	5
1922003	Pastures and conservation		35		16	5
1922004	Small ruminants		35		16	4
1922005	Fruticulture and viticulture I		35		16	4
1922006	Crop protection		41		27	4
1922007	Traineeship				7	4
3rd year – 5th (Fall) Semester						
Code	**Title**	**L**	**LP**	**P/Lab**	**TG**	**ECTS**
1931001	Enterprise management and entrepreneurship		62		23	5
1931002	Cattle production		48		20	5
1931003	Arable crops		47		21	5
1931004	Agricultural mechanisation		47		21	5
1931005	Pig production		48		20	5
1931006	Fruticulture and viticulture II		48		20	5
3rd year – 6th (Spring) Semester						
Code	**Title**	**L**	**LP**	**P/Lab**	**TG**	**ECTS**
1932001	Equine management and horse riding		17.5		3.5	2
1932002	Horticulture		35		7	5
1932003	Aviculture		35		7	5
1932004	Traineeship				40	18

NOTES: L=Lecture; LP=L-Practical; P/Lab=P/Laboratory; TG=Tutorial guidance. A semester has a duration of 15 class weeks