

Programme structure - Program studiów

Agroecology (second degree/ II stopień)

Modules	Compulsory subjects	Optional subjects	Hours	L	C	S	Lab	F	Form complete the course	ECTS
First semester										
1	Environmental problems of animal husbandry (6 ECTS)	1.1. Animal husbandry 1a. Horses' breeding and usability 1b. Ecological aspects of animals' patophysiology	30 30 25	15 15 10	15 15 15				E Z Z	3 3 3
2	Sustainable crop production (5 ECTS)	2.1. Sustainable horticulture systems 2a. Management in protected areas 2b. Ecology of microorganisms	30 20 20	15 12 10			15 10	8	Z Z	3 2
3	Food quality and safety	3.1. Food quality and safety	30	15	15				E	3
4	Economy in environment (6 ECTS)	4.1. Economic aspects of organic farming 4a. Agriculture and food economics in Poland 4b. Introduction to economics	30 25 25	15 10 10	15 15 15				E Z Z	3 3 3
I		Introduction to Polish language*	90		90				E	9
II		Physical excersises	20		20				Z	1
Total optional subjects			70-75							8
Total semester I			305	97	185	0	15	8		30
Second semester										
5	Agroecology concepts and tasks (7 ECTS)	5.1. Agroecology concepts and tasks 5.2. Philosophy of environment 5a. World reference base for soil resources 5b. Interpersonal communication	30 15 15 15	15 15 10	15				E Z Z	3 2 2
6	Environmental protection (8 ECTS)	6.1. Human impact on soil and water quality 6.2. Protection of biodiversity of rural areas 6a. Ecopedology 6b. Protection of soils and geological heritage	30 30 25 25	15 10 10			9 6	6	E E Z	3 3 2
7	Organic farming	7.1. Organic farming	45	15	20		10	10	E	4
8	General base for MSc-thesis (9 ECTS)	8.1. Instrumental analysis 8.2. Statistics and modeling in environmental studies 8a. Quantitative methods of marketing research 8b. Environmental chemistry	25 45 25 25	10 20 10	25 25		15		E E Z	3 4 2
III		Diploma thesis seminar	15				15		Z	1
IV		MSc - thesis preparation	15				15		Z	1
Total optional subjects			65							7
Total semester II			310	130	81	15	45	39		30
Third semester										
9	Multifunctional rural development (9 ECTS)	9.1. Spatial planning 9.2. Multifunctional rural development 9a. Landscape architecture 9b. Sociology of rural areas	45 30 20 20	15 15 7	30 15				E E Z	4 3 2
10	Plant protection (5 ECTS)	10.1. Plant protection 10a. Resistance plant breeding 10b. Pest management in sustainable agriculture	30 25 25	15 10 10	15		15		E Z Z	3 2 2
11	Farming system design (9 ECTS)	11.1. Farming system 11.2. Ecotoxicology 11a. Farming in upland areas 11b. Environmental aspects of agrochemicals application	30 45 20	15 15 10	15		30		E E Z	3 4 2
III		Diploma thesis seminar	15				15		Z	1
IV		MSc - thesis preparation	60				60		Z	6
Total optional subjects			55-60							12
Total semester III			320	102	98	15	105	0		30
Fourth semester										
12	Agro-tourism (5 ECTS)	12.1. Agro-tourism 12a. Herbal plants 12b. Homestead gardens	30 20 20	15 10 10	15				E Z Z	3 2 2
13	Environmental protection policy (5 ECTS)	13.1. Environmental protection policy 13.2. Agro-environmental programs and their application	45 15	15 10	30			5	E Z	4 1
14	Optional subjects (5 ECTS)	14a. Environmental biotechnology 14b. Environmental biochemistry 14c. Farming in ecologically threatened areas 14d. Agricultural extension	30 25 25 30	15 15 15	10		15 10		E E Z Z	3 2 2 3
III		Diploma thesis seminar	30				30		Z	2
IV		MSc - thesis preparation	75				75		Z	13
Total optional subjects			75							20
Total semester IV			265	80	65	30	85	5		30
TOTAL HOURS/ECTS			1200	409	429	60	250	52		120

a..d - optional subject

L-lectures

C-classes

Lab - laboratories

F - field classes

S-seminar

E - exam

*dla studentów z rodzimym językiem polskim do wyboru przedmioty w j.polskim oferowane na studiach II stopnia w ilości 9 pkt ECTS for students with native Polish language to choose optional subjects in Polish studies (9 ECTS)