

Agricultural Engineering BSc. (full time)

Course code	Name of course	Exam	Credit
EMG17011th+pr	Mathematics	TM+PM	1+2
EMG17021th+pr	Information technology	TM+PM	1+2
EMG17031th+pr	Technology I.	TM+PM	1+2
EMG17041th+pr	General zoology	TM+PM	1+2
EMG17051th+pr	Chemistry	TM+PM	1+2
EMG17061th+pr	Physics	TM+PM	1+1
EMG17071th+pr	Botany	TM+PM	1+2
EMG17081th	Basic studies in agriculture	TM	2
EMG17091th	Health and safety at work	TM	2
EMG17101th	Economics	TM	3
EMG1711	Physical education I.	S	0
EHGY1711	Weekly practice I.	S	0
EMG17032th+pr	Technology II.	TM+PM	1+1
EMG17111th+pr	Biochemistry	TM+PM	1+2
EMG17121th+pr	Statistics	TM+PM	1+2
EMG17131th+pr	Anatomy and animal physiology	TM+PM	1+2
EMG17141th	Genetics	TM	2
EMG17151th+pr	Plant physiology	TM+PM	1+2
EMG17161th+pr	Soil science	TM+PM	1+2
EMG17171th+pr	Agrochemistry	TM+PM	1+1
EMG17181th	Microbiology	TM	2
EMG17261th	Ecology	TM	1
EMG1712	Physical education II.	S	0
EHGY1712	Weekly practice II.	S	0
EMF17...	Optional subjects	TM	2
EMG17201th	Agricultural biotechnology	TM	2
EMG17211th+pr	Water management	TM+PM	1+2
EMG17221th+pr	Agrometeorology	TM+PM	1+2
EMG17231th	Business law	TM	1
EMG17271th+pr	Land cultivation	TM+PM	1+2
EMG17281th+pr	General animal breeding	TM+PM	1+2
EMG17291th+pr	Animal nutrition	TM+PM	1+2
EMG17301th+pr	Animal hygiene and animal health	TM+PM	1+1
EMG17311th	Plant breeding	TM	2
EHGY1713	Weekly practice III.	S	0
EMF17...	Optional subjects	TM	2
EMG17241th	International agriculture	TM	2
EMG17321th+pr	Plant production I.	TM+PM	1+2
EMG17331th+pr	Horticulture	TM+PM	1+2
EMG17341th+pr	Poultry breeding	TM+PM	1+1
EMG17351th+pr	Cattle breeding	TM+PM	1+2
EMG17361th+pr	Forestry and wildlife management	TM+PM	1+1
EMG17371th	Agricultural environmental management	TM	2
EMG17381th+pr	Accountancy and finance	TM+PM	1+2
ESCD1711	Degree thesis I.	PM	4
EHGY1714	Weekly practice IV.	S	0
EMF17...	Optional subjects	TM	2
	Specialization subjects		
EMG17322th+pr	Plant production II.	TM+PM	1+2
EMG17391th+pr	Sowing seed production	TM+PM	1+1
EMG17401th+pr	Grassland management	TM+PM	1+1
EMG17411th	Plant protection	TM	2
EMG17421th+pr	Sheep and goat breeding	TM+PM	1+2
EMG17431th	Agricultural economy	TM	2
EMG17441th+pr	Farm business management I.	TM+PM	1+2
EMG17451th+pr	Pig breeding	TM+PM	1+2
ESCD1712	Degree thesis II.	PM	4
EHGY1715	Weekly practice V.	S	0
EMF17...	Optional subjects	TM	2
	Specialization subjects		
EMG17251th	EU agricultural policy	TM	2
EMG17461th	Human management	TM	2
EMG17471th	Agricultural marketing	TM	2
EMG17481th+pr	Agricultural product manufacture	TM+PM	1+1
EMG17442th+pr	Farm business management II.	TM+PM	1+2
EMG17491th	Quality assurance	TM	2
EMG17501th	Business organisation	TM	2
EMG17511th+pr	Integrated plant production	TM+PM	1+1
EMG17521th+pr	Precision agriculture	TM+PM	1+2
ESCD1713	Degree thesis III.	PM	4
EHGY1716	Weekly practice VI.	S	0
EMF17...	Optional subjects	S	2
	Specialization subjects		
ESCD1714	Degree thesis IV.	PM	3
EMGY1711	Farm practice	C	30
	Total credit :		210

Specializations from the 4th semester:

<i>Agricultural economics professional studies</i>			
EMGAL1711 th+pr	Business communication	TM+PM	1+1
EMGAL1721 th+pr	Rural tourism	TM+PM	1+1
EMGAL1731 th+pr	Rural development	TM+PM	1+2
EMGAL1741 th+pr	Logistics	TM+PM	1+2
EMGAL1751 th+pr	Work organisation	TM+PM	1+2
EMGAL1761 th+pr	Business planning	TM+PM	1+2
EMGAL1771 th+pr	Agricultural extension	TM+PM	1+2
EMGAL1781 th+pr	Project management	TM+PM	1+2

<i>Animal production professional studies</i>			
EMGAT1711 th+pr	Reproduction biology	TM+PM	1+2
EMGAT1721 th+pr	Feed management	TM+PM	1+2
EMGAT1731 th+pr	Rabbit and furred animal breeding	TM+PM	1+2
EMGAT1741 th+pr	Horse breeding	TM+PM	1+2
EMGAT1751 th+pr	Fish breeding	TM+PM	1+1
EMGAT1761 th+pr	Basic studies in ecological farming	TM+PM	1+2
EMGAT1771 th+pr	Food safety of agricultural products	TM+PM	1+2
EMGAT1781 th+pr	Animal protection	TM+PM	1+1

<i>Horticulture professional studies</i>			
EMGKE1711 th+pr	Fruit production and reproduction	TM+PM	1+1
EMGKE1721 th+pr	Vegetable production and reproduction	TM+PM	1+2
EMGKE1731 th+pr	Weed biology and weed control	TM+PM	1+1
EMGKE1741 th+pr	Viticulture and wine production	TM+PM	1+1
EMGKE1751 th+pr	Plant pathology	TM+PM	1+2
EMGKE1761 th+pr	Plant protection zoology	TM+PM	1+1
EMGKE1771 th+pr	Basic studies in ecological farming	TM+PM	1+2
EMGKE1781 th+pr	Food safety of agricultural products	TM+PM	1+2
EMGKE1791 th+pr	Ornamental plant production	TM+PM	1+1

<i>Plant production professional studies</i>			
EMGNT1711 th+pr	Alternative plant production	TM+PM	1+2
EMGNT1721 th+pr	Agricultural environmental protection	TM+PM	1+2
EMGNT1731 th+pr	Weed biology and weed control	TM+PM	1+1
EMGNT1741 th+pr	Plant pathology	TM+PM	1+2
EMGNT1751 th+pr	Plant protection zoology	TM+PM	1+1
EMGNT1761 th+pr	Basic studies in ecological farming	TM+PM	1+2
EMGNT1771 th+pr	Food safety of agricultural products	TM+PM	1+2
EMGNT1781 th+pr	Medicinal plant and herb production	TM+PM	1+2