

Agricultural Engineering BSc (full time)

Subject code	Subject name	Exam	Credit	Lesson/week
1st semester (Autumn)				
EMG2401_lec, EMG2401_pr	Mathematics	TM+PM	1+2	1+2
EMG2402_lec, EMG2402_pr	Information technology	TM+PM	1+1	1+2
EMG2403_lec, EMG2403_pr	Technology I.	TM+PM	1+1	1+2
EMG2404_lec, EMG2404_pr	General zoology	TM+PM	1+2	2+2
EMG2405_lec, EMG2405_pr	Chemistry	TM+PM	1+2	1+2
EMG2406_lec, EMG2406_pr	Botany	TM+PM	1+2	2+2
EMG2407_lec	Basic studies in agriculture	TM	2	2
EMG2408_lec	Health and safety at work	TM	2	2
EMG2409_lec	Microeconomics	TM	2	2
ETE2401	Physical education I.	S	2	
EHGY2401	Weekly practice I.	S	0	40/semester
2nd semester (Spring)				
EMG2410_lec	Macroeconomics	TM	2	2
EMG2411_lec, EMG2411_pr	Technology II.	TM+PM	1+1	1+1
EMG2412_lec, EMG2412_pr	Biochemistry	TM+PM	1+2	1+2
EMG2413_lec, EMG2413_pr	Statistics	TM+PM	1+2	1+2
EMG2414_lec, EMG2414_pr	Anatomy and animal physiology	TM+PM	1+2	2+2
EMG2415_lec	Genetics	TM	2	2
EMG2416_lec, EMG2416_pr	Plant physiology	TM+PM	1+2	2+1
EMG2417_lec, EMG2417_pr	Soil science	TM+PM	1+2	1+2
EMG2418_lec, EMG2418_pr	Agrochemistry	TM+PM	1+1	1+1
EMG2419_lec	Microbiology	TM	2	2
EMG2420_lec, EMG2420_pr	Water management	TM+PM	1+2	2+1
ETE2402	Physical education II.	S	2	
EHGY2402	Weekly practice II.	S	0	40/semester
EFNAP....	Elective subjects	TM	2	
3rd semester (Autumn)				
EMG2421_lec	Agricultural biotechnology	TM	2	2
EMG2422_lec, EMG2422_pr	Agrometeorology	TM+PM	1+2	2+1
EMG2423_lec	Business law	TM	1	2
EMG2424_lec	Ecology	TM	1	1
EMG2425_lec, EMG2425_pr	Land cultivation	TM+PM	1+2	2+2
EMG2426_lec, EMG2426_pr	General animal breeding	TM+PM	1+2	2+1
EMG2427_lec, EMG2427_pr	Animal nutrition	TM+PM	1+2	2+2
EMG2428_lec, EMG2428_pr	Animal hygiene and animal health	TM+PM	1+1	1+1
EMG2429_lec	Plant breeding	TM	2	2
EMG2430_lec	Basics of research methodology	TM	1	2
EHGY2403	Weekly practice III.	S	0	40/semester
EFNAP...	Elective subjects	TM	2	
4th semester (Spring)				
EMG2431_lec	International agriculture	TM	2	2
EMG2432_lec, EMG2432_pr	Plant production I.	TM+PM	1+2	1+2
EMG2433_lec, EMG2433_pr	Horticulture I.	TM+PM	1+1	2+1
EMG2434_lec, EMG2434_pr	Poultry breeding	TM+PM	1+1	2+1
EMG2435_lec, EMG2435_pr	Cattle breeding	TM+PM	1+2	2+1
EMG2436_lec, EMG2436_pr	Forestry and wildlife management	TM+PM	1+1	1+1
EMG2437_lec	Agricultural environmental management	TM	2	2
EMG2438_lec, EMG2438_pr	Accountancy and finance	TM+PM	1+2	1+2
ESZD2401	Degree thesis I.	PM	4	14/semester
EHGY2404	Weekly practice IV.	S	0	40/semester
EFNAP...	Elective subjects	TM	2	
<i>* Specialization subjects</i>				
5th semester (Autumn)				
EMG2439_lec, EMG2439_pr	Horticulture II.	TM+PM	1+1	2+1
EMG2440_lec, EMG2440_pr	Plant production II.	TM+PM	1+2	2+2
EMG2441_lec, EMG2441_pr	Sowing seed production	TM+PM	1+1	1+1
EMG2442_lec, EMG2442_pr	Grassland management	TM+PM	1+1	1+1
EMG2443_lec	Plant protection	TM	2	2
EMG2444_lec, EMG2444_pr	Sheep and goat breeding	TM+PM	1+2	2+1
EMG2445_lec	Agricultural economics	TM	2	2
EMG2446_lec, EMG2446_pr	Farm business management I.	TM+PM	1+2	2+1
EMG2447_lec, EMG2447_pr	Pig breeding	TM+PM	1+2	2+1
ESZD2402	Degree thesis II.	PM	4	14/semester
EHGY2405	Weekly practice V.	S	0	40/semester
EFNAP...	Elective subjects	TM	2	
<i>* Specialization subjects</i>				
6th semester (Spring)				
EMG2448_lec	EU agricultural policy	TM	2	2
EMG2449_lec	Human management	TM	2	2
EMG2450_lec	Agricultural marketing	TM	2	2
EMG2451_lec, EMG2451_pr	Agricultural product manufacture	TM+PM	1+1	2+1
EMG2452_lec, EMG2452_pr	Farm business management II.	TM+PM	1+1	1+2
EMG2453_lec	Quality assurance	TM	2	2
EMG2454_lec	Business organisation	TM	2	2
EMG2455_lec, EMG2455_pr	Integrated plant protection	TM+PM	1+1	1+1
EMG2456_lec, EMG2456_pr	Agricultural environmental protection	TM+PM	1+1	1+1
ESZD2403	Degree thesis III.	PM	4	14/semester
EHGY2406	Weekly practice VI.	S	0	40/semester
EFNAP...	Elective subjects	TM	2	
<i>* Specialization subjects</i>				
7th semester (Autumn)				
ESZD2404	Degree thesis IV.	PM	3	14/semester
EMGMGY2401	Engineering internship	PM	30	560/semester
Total credit: 210				

Specializations from the 4th semester

** Animal production specialization*

Subject code	Subject name	Exam	Credit	Lesson/week
4th semester (Spring)				
EMGAT2401_lec, EMGAT2401_pr	Reproduction biology	TM+PM	1+2	1+2
EMGAT2402_lec, EMGAT2402_pr	Feed management	TM+PM	1+2	2+1
EMGAT2403_lec, EMGAT2403_pr	Rabbit and furred animal breeding	TM+PM	1+2	2+1
5th semester (Autumn)				
EMGAT2404_lec, EMGAT2404_pr	Horse breeding	TM+PM	1+2	2+1
EMGAT2405_lec, EMGAT2405_pr	Fish breeding	TM+PM	1+1	1+1
6th semester (Spring)				
EMGAT2406_lec, EMGAT2406_pr	Basic studies in ecological farming	TM+PM	1+2	2+1
EMGAT2407_lec, EMGAT2407_pr	Food safety of agricultural products	TM+PM	1+2	1+1
EMGAT2408_lec, EMGAT2408_pr	Animal protection	TM+PM	2+1	2+1
EMGAT2409_lec, EMGAT2409_pr	Precision animal husbandry	TM+PM	1+1	1+1

** Plant production and horticulture specialization*

Subject code	Subject name	Exam	Credit	Lesson/week
4th semester (Spring)				
EMGNK2401_lec, EMGNK2401_pr	Alternative plant production	TM+PM	1+2	2+1
EMGNK2402_lec, EMGNK2402_pr	Weed biology and weed control	TM+PM	2+1	1+1
EMGNK2403_lec, EMGNK2403_pr	Ornamental plant production	TM+PM	1+1	1+1
5th semester (Autumn)				
EMGNK2404_lec, EMGNK2404_pr	Plant pathology	TM+PM	1+2	1+1
EMGNK2405_lec, EMGNK2405_pr	Plant protection zoology	TM+PM	2+1	1+1
6th semester (Spring)				
EMGNK2406_lec, EMGNK2406_pr	Basic studies in ecological farming	TM+PM	1+2	2+1
EMGNK2407_lec, EMGNK2407_pr	Food safety of agricultural products	TM+PM	1+2	1+1
EMGNK2408_lec, EMGNK2408_pr	Medicinal plant and herb production	TM+PM	1+2	2+1
EMGNK2409_lec, EMGNK2409_pr	Precision plant production	TM+PM	1+1	1+1

Lec.:Lecture
Pr.: Practice
TM: Term mark
PM: Practice mark
S: Signature