

1. YEAR

I. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629150	PHYSICS - I	COMPULSORY	4	2	2	4
2	0629151	MATHEMATICS - I	COMPULSORY	4	4	0	4
3	0629152	CHEMISTRY - I	COMPULSORY	4	2	2	4
4	0629153	BOTANY - I	COMPULSORY	4	2	2	4
5	0629154	TECHNICAL DRAWING	COMPULSORY	4	2	2	4
6	0629155	AGRICULTURAL ECOLOGY	COMPULSORY	2	2	0	2
7	0629156	ATATÜRK PRINCIPLES AND REVOLUTIONS HISTORY-I	COMPULSORY	2	2	0	2
8	0629157	TURKISH LANGUAGE-I	COMPULSORY	2	2	0	2
9	0629158	FOREIGN LANGUAGE-I (ENGLISH)	COMPULSORY	2	2	0	2
10	0629159	AGRICULTURAL APPLICATIONS - I	COMPULSORY	4	0	4	2
TOTAL				32	20	12	30

II. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629250	PHYSICS - II	COMPULSORY	4	2	2	4
2	0629251	MATHEMATICS - II	COMPULSORY	4	4	0	4
3	0629252	STATISTICS	COMPULSORY	4	2	2	4
4	0629253	MEASUREMENT INFORMATION	COMPULSORY	4	2	2	4
5	0629254	COMPUTER AIDED DRAWING	COMPULSORY	2	2	0	3
6	0629255	CLIMATE INFORMATION	COMPULSORY	2	2	0	3
7	0629256	ATATÜRK PRINCIPLES AND REVOLUTIONS HISTORY-II	COMPULSORY	2	2	0	2
8	0629257	TURKISH LANGUAGE-II	COMPULSORY	2	2	0	2
9	0629258	FOREIGN LANGUAGE-II (ENGLISH)	COMPULSORY	2	2	0	2
10	0629259	AGRICULTURAL APPLICATIONS - II	COMPULSORY	4	0	4	2
TOTAL				30	20	10	30

2. YEAR

III. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629350	ENERGY AND STRENGTH MACHINES	COMPULSORY	4	2	2	4
2	0629351	ENGINEERING MATHEMATIC	COMPULSORY	4	4	0	4
3	0629352	FLUID MECHANICS	COMPULSORY	4	2	2	4
4	0629353	ENGINEERING MECHANICS	COMPULSORY	2	2	0	3
5	0629354	PLANT PROTECTION	COMPULSORY	4	2	2	4
6	0629355	SOIL SCIENCE	COMPULSORY	4	2	2	4
7	0629356	GENERAL ECONOMY	COMPULSORY	2	2	0	3
8	0629357	AGRICULTURAL STRUCTURES AND IRRIGATION	COMPULSORY	4	2	2	4
TOTAL				28	18	10	30

IV. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629450	AGRICULTURE TOOLS AND MACHINES	COMPULSORY	4	2	2	4
2	0629451	HORTICULTURAL PLANTS	COMPULSORY	4	2	2	4
3	0629452	RESEARCH AND EXPERIMENT METHODS	COMPULSORY	4	2	2	4
4	0629453	THERMODYNAMICS	COMPULSORY	2	2	0	3
5	0629454	STRENGTH	COMPULSORY	2	2	0	3
	0629455	AGRICULTURAL ECONOMICS	COMPULSORY	2	2	0	2
6	0629456	FIELD CROPS	COMPULSORY	4	2	2	4
8	0629457	ANIMAL BREEDING	COMPULSORY	4	2	2	4
9	0629458	MATERIAL INFORMATION	COMPULSORY	2	2	0	2
TOTAL				28	18	10	30

3. YEAR

V. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629550	MEASUREMENT AND CONTROL SYSTEMS	COMPULSORY	3	3	0	3
2	0629551	THERMAL ENGINES	COMPULSORY	2	2	0	3
3	0629552	IRRIGATION MACHINES	COMPULSORY	2	2	0	2
4	0629553	ENERGY AND ELECTRICAL SYSTEMS	COMPULSORY	3	3	0	3
5	0629554	MACHINE ELEMENTS	COMPULSORY	4	2	2	4
6	0629555	PROFESSIONAL PRACTICE - I	COMPULSORY	4	0	4	3
	0629556	5-S1) APPLICATION OF ROBOTIC SYSTEM IN AGRICULTURE	OPTIONAL	2	2	0	3
7	0629557	5-S2) 2. PRODUCT MECHANISM	OPTIONAL	2	2	0	3
8	0629558	5-S3) SOIL PROCESSING MACHINERY AND SOIL PHYSICS	OPTIONAL	2	2	0	3
9	0629559	5-S4) COMPUTER AIDED DESIGN	OPTIONAL	2	2	0	3
10	0629571	DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
11	0629572	DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
12	0629573	OTHER DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
13	0629574	OTHER DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
TOTAL				26	20	6	30

VI. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629650	INFORMATION OF BIOLOGICAL MATERIAL	COMPULSORY	2	2	0	2
2	0629651	REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEMS	COMPULSORY	4	2	2	4
3	0629652	ALTERNATIVE ENERGY SOURCES	COMPULSORY	2	2	0	3
4	0629653	SOIL TILLAGE TECHNIQUES	COMPULSORY	4	2	2	4
5	0629654	AGRICULTURE TRACTORS	COMPULSORY	2	2	0	2
6	0629655	PROFESSIONAL PRACTICE - II	COMPULSORY	4	0	4	3
7	0629656	6-S1) ORGANIC AGRICULTURE MECHANISM	OPTIONAL	2	2	0	3
	0629657	6-S3) ERGONOMY	OPTIONAL	2	2	0	3
8	0629658	6-S2) AGRICULTURE MACHINERIES OCCUPATIONAL HEALTH AND SAFETY	OPTIONAL	2	2	0	3
10	0629659	6-S4) TECHNOLOGICAL MEASUREMENT AND CONTROL SYSTEMS	OPTIONAL	2	2	0	3
11	0629671	DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
12	0629672	DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
13	0629673	OTHER DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
14	0629674	OTHER DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
TOTAL				26	18	8	30

4. YEAR

VII. SEMESTER							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629750	SOWING - PLANTING AND FERTILIZING MACHINERY	COMPULSORY	4	2	2	4
2	0629751	HARVESTING AND THRESHING MACHINES	COMPULSORY	4	2	2	4
3	0629752	PLANT PROTECTION MACHINERY	COMPULSORY	4	2	2	4
4	0629753	HYDRAULIC AND PNEUMATIC SYSTEMS	COMPULSORY	2	2	0	3
5	0629754	MANUFACTURING METHODS AND TOOLS WORKBENCH	COMPULSORY	3	3	0	3
6	0629755	AGRICULTURAL MACHINERY EXPERIMENTAL PRINCIPLES	COMPULSORY	3	3	0	3
7	0629756	GRADUATION THESIS - I	COMPULSORY	4	0	4	3
8	0629757	7-S1) AGRICULTURAL EXPERTNESS	OPTIONAL	2	2	0	3
9	0629758	7-S1) MECHANIZATION IN ANIMAL PRODUCTION	OPTIONAL	2	2	0	3
10	0629759	7-S2) GREENHOUSE MECHANIZATION	OPTIONAL	2	2	0	3
11	0629760	7-S2) AGRICULTURAL AVIATION APPLICATIONS	OPTIONAL	2	2	0	3
12	0629771	DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
13	0629772	OTHER DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
TOTAL				28	18	10	30
VIII. SEMESTER							
PREFERENCE A) CONTINUATION OF THE COURSE AT THE FACULTY							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629850	AGRICULTURAL MACHINERY OPERATION AND PLANNING	OPTIONAL	4	2	2	4
2	0629851	AGRICULTURAL PRODUCTS, PROCESSING TECHNIQUES AND MACHINES	OPTIONAL	4	2	2	4
3	0629852	DRYING AND STORAGE	OPTIONAL	4	2	2	4
4	0629853	PRECISE AGRICULTURE TECHNIQUES	OPTIONAL	4	2	2	4
5	0629854	PROFESSIONAL ENGLISH	OPTIONAL	4	2	2	4
	0629855	PROTECTIVE SOIL PROCESSING TECHNIQUES	OPTIONAL	4	2	2	4
6	0629856	AGRICULTURAL MACHINERY AND ENVIRONMENTAL POLLUTION	OPTIONAL	2	2	0	2
7	0629857	GRADUATION THESIS - II	COMPULSORY	4	0	4	3
TOTAL				30	14	16	30
PREFERENCE B) WORK IN WORKPLACE							
1	0629857	GRADUATION THESIS - II	COMPULSORY	4	0	4	3
2	0629858	WORKPLACE EDUCATION (S)	OPTIONAL	36	0	36	27
TOTAL				40	0	40	30