

1. YEAR							
I. SEMESTER							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629130	PHYSICS - I	COMPULSORY	4	2	2	4
2	0629131	MATHEMATICS - I	COMPULSORY	4	4	0	4
3	0629132	CHEMISTRY - I	COMPULSORY	4	2	2	4
4	0629133	BOTANY - I	COMPULSORY	4	2	2	4
5	0629134	TECHNICAL DRAWING	COMPULSORY	4	2	2	4
6	0629135	FOREIGN LANGUAGE-I (ENGLISH)	COMPULSORY	2	2	0	2
7	0629136	ATATÜRK PRINCIPLES AND REVOLUTIONS HISTORY-I	COMPULSORY	2	2	0	2
8	0629137	TURKISH LANGUAGE-I	COMPULSORY	2	2	0	2
9	0629138	BASIC INFORMATION TECHNOLOGIES	COMPULSORY	2	2	0	2
10	0629139	AGRICULTURAL ORIENTATION - I	COMPULSORY	8	0	8	2
TOTAL				36	20	16	30
II. SEMESTER							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629230	PHYSICS - II	COMPULSORY	4	2	2	4
2	0629231	MATHEMATICS - II	COMPULSORY	4	4	0	4
3	0629232	STATISTICS	COMPULSORY	4	2	2	4
4	0629233	MEASUREMENT INFORMATION	COMPULSORY	4	2	2	4
5	0629234	COMPUTER AIDED DRAWING	COMPULSORY	2	2	0	2
6	0629235	ATATÜRK PRINCIPLES AND REVOLUTIONS HISTORY-II	COMPULSORY	2	2	0	2
7	0629236	TURKISH LANGUAGE-II	COMPULSORY	2	2	0	2
8	0629237	FOREIGN LANGUAGE-II (ENGLISH)	COMPULSORY	2	2	0	2
9	0629238	GENERAL ECONOMY	COMPULSORY	3	3	0	4
10	0629239	AGRICULTURAL ORIENTATION - II	COMPULSORY	8	0	8	2
TOTAL				35	21	14	30

2. YEAR							
III. SEMESTER							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629330	ENERGY AND STRENGTH MACHINES	COMPULSORY	4	2	2	4
2	0629331	ENGINEERING MATHEMATIC	COMPULSORY	4	4	0	4
3	0629332	FLUID MECHANICS	COMPULSORY	4	2	2	4
4	0629333	ENGINEERING MECHANICS	COMPULSORY	2	2	0	2
5	0629334	MATERIAL INFORMATION	COMPULSORY	2	2	0	2
6	0629335	PLANT PROTECTION	COMPULSORY	4	2	2	4
7	0629336	HORTICULTURAL PLANTS	COMPULSORY	4	2	2	4
8	0629337	MECHANIZATION OF GOOD AGRICULTURAL APPLICATIONS	COMPULSORY	2	2	0	2
9	0629338	FIELD CROPS	COMPULSORY	4	2	2	4
TOTAL				30	18	12	30
IV. SEMESTER							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629430	AGRICULTURE TOOLS AND MACHINES	COMPULSORY	4	2	2	4
2	0629431	SOIL SCIENCE - I	COMPULSORY	4	2	2	4
3	0629432	RESEARCH AND EXPERIMENT METHODS	COMPULSORY	4	2	2	4
4	0629433	THERMODYNAMICS	COMPULSORY	2	2	0	2
5	0629434	STRENGTH	COMPULSORY	2	2	0	2
6	0629435	FARMING ECONOMY	COMPULSORY	4	2	2	4
7	0629436	IRRIGATION AND DRAINAGE	COMPULSORY	4	2	2	4
8	0629437	ANIMAL BREEDING	COMPULSORY	4	2	2	4
9	0629438	TOTAL QUALITY MANAGEMENT AND FOOD SAFETY	COMPULSORY	2	2	0	2
TOTAL				30	18	12	30

## 3. YEAR

## V. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629530	MEASUREMENT AND CONTROL SYSTEMS	COMPULSORY	3	3	0	3
2	0629531	THERMAL ENGINES	COMPULSORY	2	2	0	2
3	0629532	IRRIGATION MACHINES	COMPULSORY	2	2	0	2
4	0629533	ENERGY AND ELECTRICAL SYSTEMS	COMPULSORY	3	3	0	3
5	0629534	MACHINE ELEMENTS	COMPULSORY	4	2	2	4
6	0629535	PROFESSIONAL PRACTICE - I	COMPULSORY	4	0	4	4
7	0629536	5-S1) COMPUTER AIDED DESIGN	OPTIONAL	2	2	0	3
8	0629537	5-S2) 2. PRODUCT MECHANISM	OPTIONAL	2	2	0	3
9	0629538	5-S3) SOIL PROCESSING MACHINERY AND SOIL PHYSICS	OPTIONAL	2	2	0	3
10	0629539	5-S4) APPLICATION OF ROBOTIC SYSTEM IN AGRICULTURE	OPTIONAL	2	2	0	3
11	0629551	DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
12	0629552	DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
13	0629553	OTHER DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
14	0629554	OTHER DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
TOTAL				26	16	6	30

## VI. SEMESTER

NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629630	INFORMATION OF BIOLOGICAL MATERIAL	COMPULSORY	2	2	0	2
2	0629631	REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEMS	COMPULSORY	4	2	2	4
3	0629632	ALTERNATIVE ENERGY SOURCES	COMPULSORY	2	2	0	2
4	0629633	SOIL TILLAGE TECHNIQUES	COMPULSORY	4	2	2	4
5	0629634	AGRICULTURE TRACTORS	COMPULSORY	2	2	0	2
6	0629635	PROFESSIONAL PRACTICE - II	COMPULSORY	4	0	4	4
7	0629636	6-S1) ORGANIC AGRICULTURE MECHANISM	OPTIONAL	2	2	0	3
8	0629637	6-S2) AGRICULTURE MACHINERIES OCCUPATIONAL HEALTH AND SAFETY	OPTIONAL	2	2	0	3
9	0629638	6-S3) ERGONOMY	OPTIONAL	2	2	0	3
10	0629639	6-S4) TECHNOLOGICAL MEASUREMENT AND CONTROL SYSTEMS	OPTIONAL	2	2	0	3
11	0629661	DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
12	0629662	DEPARTMENTAL OPTIONAL COURSE - II	OPTIONAL	2	2	0	3
13	0629663	OTHER DEPARTMENTAL OPTIONAL COURSE - I	OPTIONAL	2	2	0	3
14	0629664	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	0629730	SOWING - PLANTING AND FERTILIZING MACHINERY	COMPULSORY	4	2	2	4
2	0629731	HARVESTING AND THRESHING MACHINES	COMPULSORY	4	2	2	4
3	0629732	PLANT PROTECTION MACHINERY	COMPULSORY	4	2	2	4
4	0629733	HYDRAULIC AND PNEUMATIC SYSTEMS	COMPULSORY	2	2	0	2
5	0629734	MANUFACTURING METHODS AND TOOLS WORKBENCH	COMPULSORY	3	3	0	3
6	0629735	AGRICULTURAL MACHINERY EXPERIMENTAL PRINCIPLES	COMPULSORY	3	3	0	3
7	0629736	GRADUATION THESIS I	COMPULSORY	4	0	4	4
8	0629737	7-S1) AGRICULTURAL EXPERTNESS	OPTIONAL	2	2	0	3
9	0629738	7-S1) ANIMAL MECHANIZATION	OPTIONAL	2	2	0	3
10	0629739	7-S2) GREENHOUSE MECHANIZATION	OPTIONAL	2	2	0	3
11	0629740	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							
NUMBER	COURSE CODE	COURSE NAME	C/O	WEEKLY COURSE HOUR			ECTS
				TOTAL	THEORETICAL	PRACTICE	
1	0629830	AGRICULTURAL MACHINERY OPERATION AND PLANNING	OPTIONAL	4	2	2	4
2	0629831	AGRICULTURAL PRODUCTS, PROCESSING TECHNIQUES AND MACHINES	OPTIONAL	4	2	2	4
3	0629832	DRYING AND STORAGE	OPTIONAL	4	2	2	4
4	0629833	PRECISE AGRICULTURE TECHNIQUES	OPTIONAL	4	2	2	4
5	0629834	PROFESSIONAL ENGLISH	OPTIONAL	4	2	2	4
6	0629835	GRADUATION THESIS II	COMPULSORY	4	0	4	4
7	0629836	PROTECTIVE SOIL PROCESSING TECHNIQUES (S)	OPTIONAL	4	2	2	4
8	0629837	AGRICULTURAL MACHINERY AND ENVIRONMENTAL POLLUTION	OPTIONAL	4	2	0	2
TOTAL				30	14	16	30
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1	0629835	GRADUATION THESIS II	COMPULSORY	4	0	4	4
2	0629838	WORKPLACE EDUCATION (S)	OPTIONAL	36	0	36	26
TOTAL				40	0	40	30