



TECHNICAL UNIVERSITY OF VARNA

Ratified by:

Rector:.....

/Prof. Ventsislav Valchev, PhD/

CURRICULUM

Professional orientation: **PLANT PRODUCTION**

Educational and qualification degree: **BACHELOR**

Programme: **AGRONOMY**

Professional qualification: **AGRONOMIST**

Form of study: **FULL - TIME**

Term of study: **4 YEARS / 8 SEMESTERS**

Number	Subject name	Types of term control				Auditorium load						Unsupervised load	Total work hours	ECTS credits
		Examination	Progressive assessment	Course project	Approved	Lectures	Seminars			Laboratories	Total load			
							Seminar exercises	Course project	Course work					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Chemistry	*				30				30	60	90	150	6
2	Agrometeorology	*				30				30	60	90	150	6
3	Botany, part 1	*				30				30	60	90	150	6
4	Computer Science and Computer Technology		*			15				15	30	120	150	6
5	English				*		45				45	80	125	5
6	Optional Subject				*									
a	Specialized Sport Activities, part 1											30	30	1
b	Adapted Physical Activity*													
Total for the 1 semester:		3	1	0	2	105	45	0	0	105	255	500	755	30
7	Botany, part 2	*				15				30	45	55	100	4
8	Soil Science	*				30				30	60	90	150	6
9	Plant Physiology and Biochemistry		*			30				30	60	65	125	5
10	General Microbiology	*				30	15			15	60	65	125	5
11	General Agriculture	*				30				30	60	65	125	5
12	English Language - specialized (part 1)		*				60				60	60	120	4
13	Optional Subject				*									
a	Specialized Sport Activities, part 2											30	30	1
b	Adapted Physical Activity*					(30)	(15)				(45)	(75)	(120)	(4)
Total for the 2 semester:		4	2	0	1	135	75	0	0	135	345	430	775	30
14	Economics	*				30	15				45	55	100	4
15	Agrochemistry	*				30				30	60	90	150	6
16	Genetics and Biotechnologies	*				30				30	60	90	150	6
17	Design of Field Experiments	*				30				15	45	80	125	5

Number	Subject name	Types of term control				Auditorium load							Unsupervised load	Total work hours	ECTS credits
		Examination	Progressive assessment	Course project	Approved	Lectures	Seminars			Laboratories	Total load				
							Seminar exercises	Course project	Course work						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
18	Optional Subject		*			30				15	45	55	100	4	
a	Ecology														
b	Rural Recreation														
19	Optional Subject		*			15				15	30	70	100	4	
a	Technologies for Restoration of Damaged Soils														
b	Erosion and its Control														
20	Optional Subject				*										
a	Specialized Sport Activities, part 3											30	30	1	
b	Adapted physical activity*														
Total for the 3 semester:		4	2	0	1	165	15	0	0	105	285	470	755	30	
21	Plant Protection, part 1 (Herbology)	*				30				30	60	90	150	6	
22	Plant Protection, part 2 (Phytopathology)	*				30				30	60	90	150	6	
23	Breeding and Seed Production of Cultivated Plants	*				30				30	60	90	150	6	
24	Viticulture, part 1	*				15				30	45	80	125	5	
25	Agricultural Machinery		*			30				30	60	65	125	5	
26	Optional Subject		*			30	15				45	55	100	4	
a	Conservation of Natural Resources														
b	Introduction in Natural Ressources Usage														
27	Practice - Basic Agronomic Disciplines				*							30	30	1	
28	Optional Subject				*										
a	Specialized Sport Activities, part 4											30	30	1	
b	Adapted Physical Activity*														
Total for the 4 semester:		4	2	0	2	165	15	0	0	150	330	530	860	34	
29	Viticulture, part 2	*				30				30	60	65	125	5	
30	Plant Production, part 1 (Grain Crops)	*				30				30	60	90	150	6	
31	Stock-Breeding		*			30	15				45	55	100	4	
32	Fruit Production, part 1	*				15				30	45	80	125	5	
33	Vegetable Production, part 1	*				15				30	45	80	125	5	
34	Plant Products Quality		*			30				30	60	65	125	5	
Total for the 5 semester:		4	2	0	0	150	15	0	0	150	315	435	750	30	
35	Plant Production, part 2 (Industrial and Etheric Oil Crops)	*				30				30	60	90	150	6	
36	Plant Protection, part 3 (Entomology)	*				30				30	60	90	150	6	
37	Fruit Production, part 2	*				30				30	60	65	125	5	
38	Vegetable Production, part 2	*				30				30	60	65	125	5	
39	Plant Production, part 3 (Fodder Crops)		*			30				30	60	65	125	5	
40	Optional Subject		*			30				15	45	55	100	4	
a	Landscape and Planting														
b	Dendrology and Structure of Garden														
41	Practice - Fruit Production and Viticulture				*							30	30	1	
42	Practice - Vegetable Production				*							30	30	1	

Types of graduation	Semester	Unsupervised load	ECTS credits
Preparation of Diploma Thesis / Preparation for State Examination	8	300	10
Defence of Diploma Thesis / State Examination			

Note:

1. The curriculum is valid for teaching in Bulgarian and English language.

2.* The discipline "Adapted Physical Activity" is an alternative to "Specialized Sport Activities", it is studied in the second semester and is intended for students who cannot do sports for health reasons.

Protocol No 26 / 21.12.2020,

Modified with Protocols: №62/27.02.2023

Valid from the 2022/2023 academic year.

The weekly allocation of the classes is fixed according to the "Structure of the Learning Process" Academic Board adopted for the current academic year.

Head of Department:

/ Prof. D. Dimitrov, PhD /

Dean of Faculty:

/ Assoc. Prof. S. Lesidrenska, PhD /