

CURRICULA

Year of study : 1 (2017/2018)

Compulsory subjects

No	Subject	Formative category*	Code	1st Semester (14 weeks)						2nd Semester (14 weeks)					
				No. hours/ week						No. hours/ week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr.	VF
1	Role and importance of horticulture	FO	0201010120	2	1	-	-	3	VP	-	-	-	-	-	-
2	Mathematics	FF	0201010101	2	2	-	-	4	E	-	-	-	-	-	-
3	Biochemistry	FF	0201010103	2	-	2	-	4	E	-	-	-	-	-	-
4	Biophysics and Agrometeorology	FF	0201010104	2	1	-	-	4	VP	-	-	-	-	-	-
5	Horticultural machinery 1	DF	0201010105	2	-	2	-	5	E	-	-	-	-	-	-
6	Horticultural botany 1	FF	0201010108	2	-	2	-	5	E	-	-	-	-	-	-
7	Sports 1	CF	0201010112	-	1	-	-	3	VP	-	-	-	-	-	-
8	Informatics	FF	0201010102	-	-	-	-	-	-	1	2	-	-	3	VP
9	Horticultural machinery 2	DF	0201010106	-	-	-	-	-	-	2	-	2	-	3	E
10	Pedology	FF	0201010107	-	-	-	-	-	-	2	-	2	-	4	E
11	Horticultural botany 2	FF	0201010109	-	-	-	-	-	-	2	-	2	-	4	E
12	Topography	DF	0201010110	-	-	-	-	-	-	2	-	2	-	3	E
13	Plant physiology	FF	0201010111	-	-	-	-	-	-	2	-	2	-	3	VP
14	Sports 2	CF	0201010113	-	-	-	-	-	-	-	1	-	-	3	VP
15	Practical training 1	DF	0201010114	-	-	-	-	-	-	-	-	4weeks	4	C	

Optional subjects

16	Modern languages - English 1	CF	0201010215	-	1	-	-	2	VP	-	-	-	-	-	-				
17	Modern languages - French 1	CF	0201010216	-	1	-	-	2	VP	-	-	-	-	-	-				
18	Modern languages - English 2	CF	0201010217	-	-	-	-	-	-	-	1	-	-	3	VP				
19	Modern languages - French 2	CF	0201010218	-	-	-	-	-	-	-	1	-	-	3	VP				
	Total			12	6	6		30		11	4	10		30					
Total courses and labs				24						30		25						30	

Facultative subjects

20	Tractor driving	FO	0201010319	-	-	-	-	-	-	-	-	2	-	-	E
21	Psychology of education	CF	0201010321	2	2	-	-	5	E	-	-	-	-	-	-
22	Pedagogy I	CF	0201010322	-	-	-	-	-	-	2	2	-	-	5	E

CURRICULA

Year of study : 2 (2017/2018)

Compulsory subjects

No	Subject	Formative category*	Code	1st Semester (14 weeks)						2nd Semester (14 weeks)					
				No. hours/ week						No. hours/ week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr	VF
1	Agrochemistry 1	FF	0201020101	2	-	2	-	4	E	-	-	-	-	-	-
2	Microbiology 1	FF	0201020103	2	-	2	-	3	VP	-	-	-	-	-	-
3	Agrophytotechnics 1	DF	0201020105	2	-	1	-	3	VP	-	-	-	-	-	-
4	Land improvement 1	DF	0201020107	1	-	1	-	3	VP	-	-	-	-	-	-
5	Genetics	FF	0201020109	2	-	2	-	4	E	-	-	-	-	-	-
6	Phytopathology 1	DF	0201020111	2	-	2	-	5	E	-	-	-	-	-	-
7	Entomology 1	DF	0201020113	2	-	2	-	5	E	-	-	-	-	-	-
8	Ecology	FF	0201020104	2	1	-	-	3	VP	-	-	-	-	-	-
9	Agrochemistry 2	FF	0201020102	-	-	-	-	-	-	2	-	1	-	3	E
10	Agrophytotechnics 2	DF	0201020106	-	-	-	-	-	-	2	-	1	-	3	VP
11	Land improvement 2	DF	0201020108	-	-	-	-	-	-	2	-	1	1	4	E
12	Floriculture 1	DF	0201020110	-	-	-	-	-	-	2	-	2	-	5	E
13	Phytopathology 2	DF	0201020112	-	-	-	-	-	-	1	-	2	-	3	E
14	Entomology 2	DF	0201020114	-	-	-	-	-	-	1	-	2	-	3	E
15	Horticultural biotechnologies	FO	0201020115	-	-	-	-	-	-	2	-	2	-	2	VP
15	Microbiology 2	FO	0201020117	-	-	-	-	-	-	2	-	2	-	3	VP
16	Practical training 2	FS	0201020116	-	-	-	-	-	-	4 weeks				4	C
Total				15	1	12	-	30	-	14	0	13	1	30	
Total courses and labs				28				30		28				30	

Facultative subjects

17	Modern languages - English 3	CF	0201020318	-	1	-	-	1	VP	-	-	-	-	-	-
18	Modern languages - French 3	CF	0201020319	-	1	-	-	1	VP	-	-	-	-	-	-
19	Modern languages - English 4	CF	0201020320	-	-	-	-	-	-	-	1	-	-	1	VP
20	Modern languages - French 4	CF	0201020321	-	-	-	-	-	-	-	1	-	-	1	VP
21	Sports 3	CF	0201020322	-	1	-	-	1	VP	-	-	-	-	-	-
22	Sports 4	CF	0201020323	-	-	-	-	-	-	-	1	-	-	1	VP
23	Pedagogy II	CF	0201020325	2	2	-	-	5	E	-	-	-	-	-	-
24	Didactics of the specialization	CF	0201020326	-	-	-	-	-	-	2	2	-	-	5	E

CURRICULA

Year of study : 3 (2017/2018)

Compulsory subjects

No	Subject	Formative category*	Code	1st Semester (14 weeks)						2nd Semester (14 weeks)					
				No. hours/ week						No. hours/ week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr.	VF
1	General vegetable growing 1	DF	0201030101	2	-	2	-	5	E	-	-	-	-	-	-
2	General fruit tree growing 1	DF	0201030103	2	-	2	-	5	E	-	-	-	-	-	-
3	General viticulture 1	DF	0201030105	2	-	2	-	5	E	-	-	-	-	-	-
4	Floriculture 2	DF	0201030107	2	-	2	-	5	E	-	-	-	-	-	-
5	Arboriculture and landscape design 1	DF	0201030108	2	-	2	-	5	VP	-	-	-	-	-	-
6	Economie agrară și politici agricole	FO	0201030112	2	2	-	-	3	VP	-	-	-	-	-	-
9	General vegetable growing 2	DF	0201030102	-	-	-	-	-	-	2	-	2	-	4	E
10	General fruit tree growing 2	DF	0201030104	-	-	-	-	-	-	2	-	2	-	4	E
11	General viticulture 2	DF	0201030106	-	-	-	-	-	-	2	-	2	-	4	E
12	Arboriculture and landscape design 2	DF	0201030109	-	-	-	-	-	-	2	-	1	1	4	E
13	Plant breeding 1	FF	0201030110	-	-	-	-	-	-	2	-	2	-	4	E
14	Accounting	FO	0201030111	-	-	-	-	-	-	2	2	-	-	3	VP
15	Experimental design	DF	0201030113	-	-	-	-	-	-	2	-	2	-	3	VP
16	Practical training 3	SF	0201030114	-	-	-	-	-	-	4 weeks			4	C	

Optional subjects

7	Communication	FO	0201030217	1	1	-	-	2	VP	-	-	-	-	-	-
8	Career guidance	FO	0201030218	1	1	-	-	2	VP	-	-	-	-	-	-
<i>Total</i>				<i>13</i>	<i>3</i>	<i>10</i>	<i>-</i>	<i>30</i>		<i>14</i>	<i>2</i>	<i>11</i>	<i>1</i>	<i>30</i>	
Total courses and labs				26				30		28			30		

Facultative subjects

17	Driving 1	FO	0201030315	1	-	1	-	-	VP	-	-	-	-	-	-
18	Driving 2	FO	0201030316	-	-	-	-	-	-	1	-	1	-	-	VP
19	Computer assisted training	CF	0201030319	1	-	1	-	2	C	-	-	-	-	-	-
20	Teaching practice 1	CF	0201030320	-	-	3	-	3	C	-	-	-	-	-	-
21	Management of class	CF	0201030321	-	-	-	-	-	-	1	1	-	-	3	E
22	Teaching practice 2	CF	0201030322	-	-	-	-	-	-	-	-	3	-	2	C

CURRICULA

Year of study : 4 (2017/2018)

Compulsory subjects

No	Subject	Formative category*	Code	1st Semester (14 weeks)						2nd Semester (14 weeks)					
				No. hours/ week						No. hours/ week					
				C	S	PW	P	Cr	VF	C	S	PW	P	Cr.	VF
1	Special vegetable growing 1	SF	0201040101	2	-	1	1	5	E	-	-	-	-	-	-
2	Special fruit tree growing 1	SF	0201040103	2	-	2	-	5	E	-	-	-	-	-	-
3	Ampelography 1	SF	0201040105	2	-	1	1	5	E	-	-	-	-	-	-
4	Oenology 1	SF	0201040107	2	-	2	-	4	E	-	-	-	-	-	-
5	Horticultural products technology 1	SF	0201040109	2	-	2	-	4	VP	-	-	-	-	-	-
6	Plant breeding 2	FF	0201040111	2	-	2	-	4	VP	-	-	-	-	-	-
7	Marketing of horticultural products	DF	0201040112	2	1	-	-	3	VP	-	-	-	-	-	-
8	Special vegetable growing 2	SF	0201040102	-	-	-	-	-	-	2	-	2	-	4	E
9	Special fruit tree growing 2	SF	0201040104	-	-	-	-	-	-	2	-	1	1	4	E
10	Ampelography 2	SF	0201040106	-	-	-	-	-	-	2	-	2	-	4	E
11	Oenology 2	SF	0201040108	-	-	-	-	-	-	2	-	2	-	4	E
12	Horticultural products technology 2	SF	0201040110	-	-	-	-	-	-	2	-	2	-	4	VP
13	Farm management	DF	0201040113	-	-	-	-	-	-	2	2	-	-	3	E
14	Practical training 4	SF	0201040114	-	-	-	-	-	-	4 weeks				4	C
15	Elaboration of bachelor diploma		0201040117	-	-	-	-	-	-	-	-	-	-	10	

Optional subjects

16	Agricultural law and legislation	FO	0201040215	-	-	-	-	-	-	-	-	1	-	3	C
17	Quality control of horticultural products	FO	0201040216	-	-	-	-	-	-	-	-	1	-	3	C
Total				14	1	10	2	30		12	2	10	1	30	
Total courses and labs				27				30		25				30	

* Subjects

FF – fundamental formation

DF – domain formation

SF – specialty formation

CF – complementary formation

FO - formation according to university's options

UASVM CLUJ-NAPOCA
FACULTY OF HORTICULTURE
SPECIALIZATION HORTICULTURE
CODE 0201

Rector
Professor Cornel CĂTOI, PhD

President of Senate
Professor Viorel MITRE, PhD

Academic Vice-Rector
Professor Bogdan GEORGESCU, PhD

Dean
Professor Viorel MITRE, PhD

Head of Department
Professor Radu SESTRĂȘ, PhD