

UNIVERSITY OF CRAIOVA
 Faculty of HORTICULTURE
 Department: BIOLOGIE SI INGINERIA MEDIULUI
 (D30)
 Domain: Engineering Sciences
 Programme: Environmental engineering and
 safety in agriculture

Sem. I		Sem. II
Nr. weeks/sem. if ≠ 14		

CURRICULUM – First year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
Compulsory and optional disciplines																	
Algebra	D30IMAL101	FD	OB	1	2	2			5	C							69
Physics	D30IMAL102	FD	OB	1	2		2		5	E							69
Inorganic chemistry	D30IMAL103	FD	OB	1	2		2		5	E							69
Fundamentals of biology - Botany	D30IMAL104	S	OB	1	2		2		5	E							69
General ecology I	D30IMAL105	D	OB	1	2		2		4	C							44
Foreign Language I	D30IMAL106	C	OP	1		2			2	C							26
Descriptive geometry and technical drawing I	D30IMAL107	FD	OB	1	2		2		4	E							44
Physical education I	D30IMAL108	C	OB	1		1			1*	A/R							11
Organic chemistry	D30IMAL209	FD	OB	1							2		2		5	E	69
Applied informatics	D30IMAL210	FD	OB	1							2	2			4	E	44
Special mathematics	D30IMAL211	FD	OB	1							2	2			5	C	69
Descriptive geometry and technical drawing II	D30IMAL212	FD	OB	1							2			2	4	E	44
Fundamentals of biology - Physiology	D30IMAL213	FD	OB	1							2		2		5	E	69
General ecology II	D30IMAL214	D	OB	1							2		2		5	E	69
Foreign Language II	D30IMAL215	C	OB	1								2			2	C	22
Physical education II	D30IMAL216	C	OB	1								1			1*	A/R	11
TOTAL					12	5	10	0	30		12	7	6	2	30		
FACULTATIVE DISCIPLINES																	
TOTAL					0	0	0	0	0		0	0	0	0	0		

Sem. I		Sem. II
Nr. weeks/sem. if ≠ 14		

CURRICULUM – Second year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	S1
Compulsory and optional disciplines																	
Fundamentals of biology - Microbiology	D30IMAL317	S	OB	1	2		2		5	E							69
Mechanical engineering	D30IMAL318	D	OB	1	2		1		4	C							58
Computer-aided graphics	D30IMAL319	FD	OB	1	2		1		4	E							58
Waste management	D30IMAL320	S	OB	1	2		2		5	E							69
Topography I	D30IMAL321	D	OB	1	2		2		4	E							44
Foreign Language	D30IMAL322	C	OB	1			1		1	C							11
Mechanics of fluids	D30IMAL323	D	OB	1	2		1	1	4	E							44
Land organization and planning	D30IMAL324	C	OP	1	2		1		3	C							33
Automation of technological and biotechnological processes	D30IMAL325	D	OP	0	2		1		3	C							33
Physical education III	D30IMAL326	C	OB	1			1		1*	A/R							11
Fundamentals of biology - Zoology	D30IMAL427	S	OB	1							2		2		5	E	69
Mechanical engineering	D30IMAL428	D	OB	1							2		1		3	E	33
Environmental chemistry	D30IMAL429	FD	OB	1							2		1		4	C	58
Topography II	D30IMAL430	D	OB	1							2			2	4	C	44
Foreign Language	D30IMAL431	C	OB	1								1			1	C	11
Soil science	D30IMAL432	D	OB	1							2		2		3	E	19
Fundamentals of Environmental Protection	D30IMAL433	C	OP	1							2	2			3	E	19
Elements of electrical engineering	D30IMAL434	D	OP	0							2	2			3	E	19
Protected natural areas	D30IMAL435	S	OP	1							2		1		3	C	33
Practice	D30IMAL436	D	OB	2				4						4	4	E	
Physical education IV	D30IMAL437	C	OB	1								1			1*	A/R	11
TOTAL					14	2	10	1	30		14	4	7	2	30		
FACULTATIVE DISCIPLINES																	
					0	0	0	0	0		0	0	0	0	0		
TOTAL					0	0	0	0	0		0	0	0	0	0		

Sem. I		Sem. II
Nr. weeks/sem. if ≠ 14		

CURRICULUM – Third year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
Compulsory and optional disciplines																	
Arrangement and administration of water resources	D30IMAL538	S	OB	1	2		1	1	5	E							69
Ecology of fruit anthropogenic systems	D30IMAL539	S	OB	1	2		2		4	E							44
Toxicology	D30IMAL540	S	OB	1	2		2		4	E							44
Plant protection and ecological impact I	D30IMAL541	S	OB	1	2		2		5	E							69
Hydrology and hydrogeology I	D30IMAL542	D	OB	1	2		1		5	E							83
Conservation of the biodiversity	D30IMAL543	S	OB	1	2		1		3	E							33
Climatology	D30IMAL544	D	OP	1	2		2		4	C							44
Sources of radiation and protection techniques	D30IMAL545	D	OP	0	2		2		4	C							44
Rivers regularization	D30IMAL646	D	OB	1							2		1	1	4	E	44
Funciar improvement	D30IMAL647	S	OB	1							2			1	4	C	56
Hydrology and hydrogeology II	D30IMAL648	D	OB	1							2		1		4	E	56
Ecology of vine anthropogenic systems	D30IMAL649	S	OB	1							2		2		4	E	44
Plant protection and ecological impact II	D30IMAL650	D	OB	1							2		2		3	E	19
Integrated biological control in agricultural ecosystems	D30IMAL651	S	OB	1							2		2		3	C	19
Soil biology and enzymology	D30IMAL652	D	OP	1							2		2		4	C	44
Ecological reconstruction	D30IMAL653	D	OP	0							2		2		4	C	44
Practice	D30IMAL654	D	OB	2				2						4	4	E	
TOTAL					14	0	11	1	30		14	0	10	2	30		
FACULTATIVE DISCIPLINES																	
TOTAL					0	0	0	0	0		0	0	0	0	0		

Sem. I		Sem. II
Nr. weeks/sem. if ≠ 14		

CURRICULUM – Fourth year

Disciplina	Cod	FD D S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
Compulsory and optional disciplines																	
Ecology of vegetable systems	D30IMAL755	S	OB	1	2		2		4	E							
Installations for environmental protection	D30IMAL756	S	OB	1	2		2		4	E							
Ecological management	D30IMAL757	D	OB	1	2	1			5	C							
Biostatistics	D30IMAL758	D	OB	1	2		2		4	C							
Means for investigating pollution	D30IMAL759	S	OB	1	2		2		5	E							
Environmental audit and impact assessment	D30IMAL760	S	OB	1	2	2			5	E							
Monitoring and diagnosis of environmental quality	D30IMAL761	D	OP	1	2		1		3	C							
Environmental impact assessment	D30IMAL762	D	OP	0	2		1		3	C							
Methods and means for investigating decontamination	D30IMAL863	S	OB	1							2		2		4	E	
Bioremediation	D30IMAL864	S	OB	1							2	2			4	C	
Flower ecosystems and human habitat	D30IMAL865	S	OB	1							2	2			4	E	
Arrangement and hydrotechnical constructions	D30IMAL866	D	OB	1							2		2		4	E	
Environmental legislation	D30IMAL867	S	OB	1							2	2			4	C	
Practice	D30IMAL868	D	OB	2										5	4	E	
Designing ecological arrangements	D30IMAL869	C	OB	1										2	2	C	
Professional communication	D30IMAL870	C	OP	1							2	2			4	C	
Sociology	D30IMAL871	C	OP	0							2		2		4	C	
TOTAL					14	3	9	0	30		12	8	4	2	30		
FACULTATIVE DISCIPLINES																	
TOTAL					0	0	0	0	0		0	0	0	0	0		