

Bachelor Training Programme
Faculty of Agronomy - VNUA

No	Code	Subject	Credits
1	CD00004	Agriculture Machine	2
2	CD03643	Automation in Crop Production	2
3	CP02005	General biochemistry	2
4	CP03030	Supplements	3
5	CP03053	Fundamental of preservation and processing for agricultural products	2
6	CP03077	Postharvest handling of plant products	2
7	CPE02001	Principles of Biochemistry	2
8	CPE03001	Post-harvest physiology and preservation	4
9	GT01014	Dance Sport	1
10	GT01015	Swimming	1
11	GT01016	Introduction to Physical Education	1
12	GT01017	Athletes	1
13	GT01018	Aerobic Exercises	1
14	GT01019	Football	1
15	GT01020	Volleyball	1
16	GT01021	Basketball	1
17	GT01022	Badminton	1
18	GT01023	Chess	1
19	KDE02006	Principles of Management	2
20	KDE03000	Farm management	3
21	KDE03001	Management of SME	3
22	KQ03111	Agricultural Business Management	2
23	KQ03201	Farm and Household Management	2
24	KTE02013	Microeconomics	3
25	KTE02014	Macroeconomics	3
26	ML01001	Principle of Marxism and Leninism 1	2
27	ML01002	Principle of Marxism and Leninsm 2	3
28	ML01004	Revolutionary Pathway of the Vietnamese Communist	3
29	ML01005	Ho Chi Minh Ideology	2
30	ML01007	Introduction to Sociology	2
31	MLE01001	Principle of Marxism and Leninism 1	2
32	MLE01002	Principle of Marxism and Leninsm 2	3
33	MLE01004	Revolutionary Pathway of the Vietnamese Communist	3
34	MLE01005	Ho Chi Minh Ideology	2
35	MT01001	Principles of Chemistry	6
36	MT01002	Organic chemistry	2
37	MT01006	Agricultural meteorology	2
38	MT01008	Ecological environment	2
39	MT01010	Agricultural ecology	2
40	MT02033	Basic microbiology	2
41	MT02038	Human and environment	2
42	MT03050	Agroforestry	2
43	MTE01001	Principles of Chemistry 1	3
44	MTE01002	Principles of Chemistry 2	3
45	MTE01003	Organic Chemistry 1	3

46	MTE01004	Organic Chemistry 2	2
47	MTE04001.	Ecology of crop systems	3
48	NH02001	Botany	3
49	NH02003	Plant physiology	3
50	NH02004	General plant genetics	3
51	NH02005	Experimental Methods	2
52	NH02006	Plant Cytology	2
53	NH02007	Animal pests to Agricultural Crops	2
54	NH02030	Cultivation Science	2
55	NH02036	Weeds and their Control Methods	2
56	NH02037	General Entomology	2
57	NH02038	General Plant Pathology	2
58	NH03004	Pesticides	2
59	NH03005	Plant Immunology	2
60	NH03006	Seed Pathology	2
61	NH03007	Plant Mycology	2
62	NH03008	Plant Bacteriology	2
63	NH03010	Posth-arvest pests	2
64	NH03011	Biosecurity	2
65	NH03012	Plant viruses, Phytoplasma and viroids	2
66	NH03013	Plant Nematology	2
67	NH03016	General Medicinal Plants	2
68	NH03024	General Plant quarantine	2
69	NH03025	Intergrated Pest Management - IPM	2
70	NH03026	Epidemiology in Plant Protection	2
71	NH03028	InsectTaxonomy	2
72	NH03029	Insect Ecology	2
73	NH03031	Pesticide Residue Management	2
74	NH03032	Biological control	2
75	NH03034	Principles of Forage and Feed Crop Production	2
76	NH03042	New genetic tools in plant breeding	2
77	NH03045	Applicated genetic	2
78	NH03046	Principles and method of plant breeding	2
79	NH03047.	Seed production and technology	2
80	NH03048	Breeding of annual crops	2
81	NH03049.	Breeding of perennial crops	2
82	NH03050	Breeding of vegetable and flower	2
83	NH03051	Medicinal plant breeding	2
84	NH03053	Plant genetic resources and conservation	2
85	NH03054	Evolution theory	2
86	NH03055	Extension	2
87	NH03056	Apiculture	2
88	NH03057	Sericulture	2
89	NH03058	General fruit trees	2
90	NH03063	Applied plant physiology	2
91	NH03064	Agricultural Systems	2
92	NH03070	General vegetable crops	2
93	NH03071	Specialized vegetable crops	2
94	NH03072	General food crops	2
95	NH03074	General industrial crops	2

96	NH3075	Specialized industrial crops	2
97	NH03076	Fruit crops	2
98	NH03080	General flower and ornamental crops	2
99	NH03081	Specialized flower and ornamental crops	2
100	NH03089	Horticultural insects	2
101	NH03093	Annual Medicinal Crops	2
102	NH03094	Medicinal Plant Developmnet and Conversation Methods	2
103	NH03095	Perennial medicinal plants	2
104	NH03096	Preliminary processing and preservation in Medicinal material	2
105	NH03110	General Entomology Practical	3
106	NH03111	Practical Specialized Entomology 1	2
107	NH03112	Practical Specialized Entomology 2	2
108	NH03113	Basic methods of Plant Pathology	2
109	NH03114	Practices of Specialized Plant Diseases	2
110	NH03115	Practices of Specialized Plant Diseases 2	2
111	NH03118	Training on food crop production	2
112	NH03119	Practice in Industrial and medicinal plant production	2
113	NH03120	Specialized Food Crops	2
114	NH03121	Training: Practicing fruit and vegetable production	2
115	NH03125	Seed Production Practice	2
116	NH03128	Specialized Entomology	2
117	NH03129	Specialized Plant Diseases	2
118	NH03130	Plant Propagation Practice	2
119	NH03131	Crop seed inspection and testing practise	2
120	NH04001	Internship of Food Crop science	4
121	NH04002	Internship of industrial and medicinal plants	4
122	NH04004.	Internship of Medicinal plants science	4
123	NH04005	Collection and Evaluation of Plant Germplasm Internship Course	6
124	NH04006	Internship in Plant Protection 1	4
125	NH04007	Internship in Plant Protection 2	4
126	NH04995	Undergraduate thesis of medicinal plant science	10
127	NH04996	Thesis	10
128	NH04997.	Undergraduate thesis in Plant Breeding	10
129	NH04999	Undergraduate thesis of Crop Science	10
130	NHE01001	Introduction to Biology 1	3
131	NHE01002	Introduction to Biology 3	3
132	NHE02002	Plant morphology and anatomy	3
133	NHE02003	Plant genetics	4
134	NHE02004	Plant physiology	3
135	NHE03002	Plant varieties selection	3
136	NHE03003	Plant diseases	4
137	NHE03004	Pest management	3
138	NHE03005	Principles of Crop Production in Temperate and Tropical Systems	3
139	NHE03007	Plant and Society	3
140	NHE04001	Plant mineral nutrition	3
141	NHE04002	Weed science	3
142	NHE04003	Principles and practices of plant breeding	2

143	NHE04004	Production of plants in net houses and nurseries	2
144	NHE04005	Vegetable production system	3
145	NHE04006	Integrated Pest Management	3
146	NHE04007	Sustainable farming	2
147	NHE04008	Scientific Research Methods	2
148	NHE04009	Internships	2
149	NHE04010	Thesis	10
150	NHE04011	Sustainable Agriculture	4
151	PCD00004	Agriculture Machine	2
152	PCN01702	Introductory Animal Production	2
153	PCN02303	Animal physiology 1	2
154	PCN03302	Animal Feeds and Feeding	3
155	PCN03809	Animal Farm Management	2
156	PKQ03111	Agribusiness Management	2
157	PKQ03201	Management of Household and Household Farm Economy	3
158	PKQ03356	Bussiness project design and analysis	2
159	PKQ03369	Marketing Principles and Agricultural Products Market System	2
160	PKT01003	Principles of Microeconomics and Macroeconomics	2
161	PKT03027	Agricultural Extension Methods	2
162	PKT03029	Organizing Agricultural Extension	2
163	PKT03043	Agricultural Policy	3
164	PNH02003	Plant physiology	9
165	PNH02005	Experimental Methods	2
166	PNH02030	Cultivation Science	2
167	PNH03004	Usage of Pesticides	2
168	PNH03016	Medicinal Plants	2
169	PNH03034	Principles of Forage and Feed Crop Production	2
170	PNH03055	Extension	2
171	PNH03056	Apiculture	2
172	PNH03058	General fruit trees	2
173	NH03063	Applied plant physiology	2
174	NH03064	Agricultural system	2
175	PNH03070	General vegetable crops	2
176	PNH03072	General food crops	2
177	PNH03080	Generalflower and ornamental crops	2
178	PNH03082	Aquatic plants for landscaping	2
179	PNH03083	Fine art application in the landscape	2
180	PNH03084	Rooftop agriculture	2
181	PNH03085	Clonal breeding technology	2
182	PNH03086	Technology for constructing nurseries	2
183	PNH03087	Plant control technology	2
184	PNH03092	Introduction to agriculture	2
185	PNH03101	Internship 1	2
186	PNH03101	Internship 1	2
187	PNH03103	Internship 2a	5
188	PNH03104	Internship 2b	5
189	PNH03105	Project: Plannning and Production Management Organization in Agriculture - Agricultural Extention	2

190	PNH03106	Project Production Management of Bachelor of Agriculture Science	2
191	PNH03107	Internship 2c	5
192	PNH03108	Project of Building Project on High-tech Agricultural Production	2
193	PNH04997	Undergraduate Thesis	10
194	PNH04998	Undergraduate Thesis	10
195	PNH04999	Undergraduate Thesis of Agriculture Bachelor	10
196	PQL02048	Soil and Fertilizers	2
197	PQL02041	Irrigation and Drainage in Agriculture	2
198	PSH01001.	General Biology	2
199	PSH03012	Microbiology technology	2
200	PSH03020	Biosafety	2
201	PTH01002	Probability statistics in agricultural science	3
202	PTH03222	Applications of ICT in agricultural production and management	3
203	QL02041	Irrigation and drainage	2
204	QL02048	Soil and Fertilizer	2
205	QL03032	Landscape planning	2
206	QLE02001	Principle of soil science	3
207	QLE03001	Crop - water - soil relationships	3
208	QS01001	National Defense Education 1	3
209	QS01002	National Defense Education 2	2
210	QS01003	National Defense Education 3	3
211	RQ01003	Agricultural meteorology	2
212	RQ01005.	Biology	2
213	RQ01007	Applied Informatics	2
214	RQ01011	Sociology	2
215	RQ02001	Principle of Crop production	2
216	RQ02002	Introduction to Fruit and Vegetable Technology and Landscape	2
217	RQ02005	Botany	2
218	RQ02010	Principles of landscape design	2
219	RQ02012	Landscape Construction 1	2
220	RQ02013	Business Project Design and Analysis	2
221	RQ02014	Economic Analysis	2
222	RQ02015	Principles of marketing and horticulture market systems	2
223	RQ02016	Quality and Food safety	2
224	RQ02018	Genetics and selection of plant varieties	3
225	RQ02019	Introduction to Biotechnology	2
226	RQ02023	Business management in horticulture	2
227	RQ02024	Farm management	2
228	RQ02025	princeples of greenhouse production	2
229	RQ02026	Internship 1	2
230	RQ02028	Science Research Methods	2
231	RQ02029	Irrigation and Drainage management in horticulture	2
232	RQ02030	Postharvest handling of horticultural crops	2
233	RQ02032	General fruit trees	3
234	RQ03002	Professional English 1	2
235	RQ03007	Planting Soil-less Plants	2

236	RQ03009	Plant breeding for greenhouse crops	2
237	RQ03010	Professional English 2 - Specialization 1	2
238	RQ03011	Project 2 - Greenhouse Crop Production and Management	3
239	RQ03012	Applied IT in Landscape Design	2
240	RQ03013	Landscape Construction and Establishment II	2
241	RQ03015	Interior Landscaping	2
242	RQ03017	Urban Forestry Management	2
243	RQ03018	Landscape Plant Production and Maintenance	2
244	RQ03019	Project 2 - Lanscaping Management	3
245	RQ03020	Consumer Behavior and Promotional Tools	2
246	RQ03024	Quality management and standards of product quality	2
247	RQ03025	Planning and Sales Management	2
248	RQ03026	Strategies of promotion and sale for agricultural products	2
249	RQ03027	Developing Marketing Plan	3
250	RQ03030	Project Evaluation and Management	2
251	RQ03032	Introduction to applied GIS	2
252	RQ03036	Floral design	2
253	RQ03039	Leadership capacity	2
254	RQ03040	Organic farming	2
255	RQ03043	Fruit crops	2
256	RQ03044	Internship 2: Skills in greenhouse production	4
257	RQ03045	Internship II: Skills in landscape design & construction	4
258	RQ03046	Internship course 2	4
259	RQ03071	Specialized vegetable study	2
260	RQ03081	Specialized bonsai flower study	2
261	RQ03082	Project II	5
262	RQ03083	Internship II	5
263	RQ04996	Graduation thesis	10
264	RQ04997	Graduated Internship: Thesis Specialization 1: Greenhouse Production & Management	10
265	RQ04998	Graduated Internship	10
266	RQ04999	Graduation Internship Course	10
267	SH03063	Natural Compounds	2
268	SH03070	Intellectual Property in Agriculture	2
269	SHE01003	Introduction to Biology 2	3
270	SHE02007	Introduction to Biotechnology	3
271	SHE03005	Applied bioinformatics	3
272	SHE03054	Biosafety	2
273	SHE03058	High-tech in Agriculture	2
274	SN00010	An Introduction to CEFR-based Tests	1
275	SN00011	English 0	2
276	SN01032	English 1	3
277	SN01033	English 2	3
278	SN03009	Agronomic English	2
279	SNE01010	English Listening and Speaking 1	9
280	SNE01011	English Reading and Writing 1	8
281	SNE01012	English Listening and Speaking 2	7
282	SNE01013	English Reading and Writing 2	6
283	SNE03002	English for Agronomy	3
284	TH01007	Probability and statistic	3

285	TH01009	Introduction to Informatics	2
286	THE01001	Mathematics 1	3
287	THE01002	Mathematics 2	3
288	THE01003	General physics 1	2
289	THE01004	General physics 2	2
290	THE02001	Computer application in agriculture	3
291	THE03001	Applied Statistics in Agricultural Science	4
292	TS03707	Breeding & Culture Technique of Ornamental Fish	2
293	TS03710	General Aquaculture	2
294	TY02012	Veterinary medicinal herbs	2
295	TY03034	Introduction to Veterinary Medicine	2