

Level 1 Semester 1 (7 courses)

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
Fac-10011	Agricultural Zoology	2	2	4	3
Fac -10012	Agricultural Botany	2	2	4	3
Fac -10013	Mathematics	2	2	4	3
Fac -10014	Organic and Inorganic Chemistry	2	2	4	3
Fac -10015	Physics and Agricultural Meteorology	2	2	4	3
Uni-10001	General English (University compulsory requirement)	1	-	1	1
	Elective (1) (University elective requirement)	2	-	2	2
Total					18

Level 1 Semester 2 (7 courses)

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
Fac -10016	Principles of Horticulture	2	2	3	3
Fac -10017	Economic Theory and Rural Society	2	-	2	2
Fac -10018	Biochemistry	2	2	4	3
Fac -10019	Principles of Field Crops	2	2	4	3
Fac -10020	Principles of Soil and Water Science	2	2	4	3
Uni-10002	Professional Ethics (University compulsory requirement)	1	-	1	1
	Elective (2) (University elective requirement)	2	-	2	2
Total					17

Vice Dean

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Dean of Collage

Prof.Dr. Mohamed Hasan Refaat

Prof.Dr. Mahmoud El-Zabalawy El-Badawy

**Level 2 Semester 1 (8 courses)**

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
Fac -20021	Principles of Food and Dairy Science	2	2	4	3
Fac -20022	Genetics and Genetic Engineering	2	2	4	3
Fac -20023	Biostatistics	2	1	3	2
Fac -20024	Principles of Plant Protection and Diseases	2	2	4	3
Fac -20025	Principles of Animal and Poultry Production	2	2	4	3
Fac -20026	Principles of Agriculture Engineering	2	2	4	3
Fac -20027	General Microbiology	2	2	4	3
Uni-20003	Information Technology & Communications (University Compulsory Requirement)	1	-	1	1
Total					21

Level 2 Semester 2 (7 courses)

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
PCP-20036	Vegetable Production	2	2	4	3
PCP-20037	Principles of Organic Agriculture	2	2	4	3
PCP-20038	Ornamental Production	2	2	4	3
PCP-20039	Horticulture Crops Physiology	1	2	3	2
PCP-20040	Protected Cultivation Nurseries	1	2	3	2
	Elective course (Fac. req.) from Table 13	1	2	3	2
	Elective course (Fac. req.) from Table 13	1	2	3	2
Total					17

**Level 3 Semester 1 (8 courses)**

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
PCP-30041	Protected Cultivation of Horticultural Crops	2	2	4	3
PCP-30042	Soilless Culture of Horticultural Crops.	2	2	4	3
PCP-30043	Fertilization of Protected Vegetable. Crops	2	2	4	3
PCP-30044	Greenhouse Structure	1	2	3	2
PCP-30045	Uses of New and Renewable Energy in Agriculture	1	2	3	2
Uni-30004	Societal Issues (University compulsory requirement)	1	-	1	1
	Elective course (Prog. req.) from Table 15)	1	2	3	2
	Elective course (Prog. req.) from Table 15)	1	2	3	2
Total					18

Level 3 Semester 2 (7 courses)

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
PCP-30046	Postharvest Technology of Protected Horticultural Crops	2	2	4	3
PCP-30047	Climate Modification in Greenhouses	2	2	4	3
PCP-30048	Vegetable Crops' Diseases Under Protected Cultivation	2	2	4	3
PCP-30049	Agricultural Waste Management	1	2	3	2
PCP-30050	Field training 1	-	8	8	2
	Elective course (prog. req. from Table 15)	1	2	3	2
	Elective course (prog. req. from Table 15)	1	2	3	2
Total					17

**Level 4 Semester 1 (8 courses)**

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
PCP-40051	Quality Management and Postharvest Technology of Protected Cultivation Crops	1	2	3	2
PCP-40054	Genetic Improvement of Horticultural Crops	1	2	3	2
PCP-40056	Design and Analysis of Protected Cultivation Experiments	1	2	3	2
PCP-40052	Environmental and Economy Assessment of Agriculture Project	1	2	3	2
PCP-40059	Research and Seminar	1	2	3	2
PCP-40061	Field Training 2	-	8	8	2
	Elective course (Prog. req. from Table 16)	1	2	3	2
	Elective course (Prog. req. from Table 16)	1	2	3	2
Total		7	22	29	16

Level 4 Semester 2 (7 courses)

Course code	Course Name	Theoretical	Practical	Contact hours	Credit hours
PCP-40055	Safety and Emergency Procedures in Protected Cultivation	2	2	4	3
PCP-40057	Design and Management of Irrigation Systems	1	2	3	2
PCP-40058	Breeding Vegetable Crops of Protected Cultivation	1	2	3	2
PCP-40053	Computer Applications in Protected Cultivation	1	2	4	2
PCP-40060	Graduation Project	1	4	5	3
	Elective course (prog. req. from Table 16)	1	2	3	2
	Elective course (prog. req. from Table 16)	1	2	3	2
Total		9	16	25	16