

## 1-Plant Pathology

Code number	Courses	Hours Weekly		Credit Hours
		Lectures	Applications	
<b>Decisions mandatory for the Master</b>				
2704806	Diseases of Field Crops	2	2	3
2704811	Plant Diseases Control	2	2	3
2704828	Methodology in Plant Pathology (Advanced )	2	2	3
2704840	Root Region Microbiology	2	2	3
<b>Decisions of the mandatory PhD</b>				
2704805	Diseases of Fruit Trees	2	2	3
2704808	Root Diseases	2	2	3
2704824	Environment and Plant Diseases Dissemination	2	2	3
2704831	Diseases of Protected Crops	2	2	3
2704834	Plant diseases Epidemiology	2	2	3
<b>.Decisions of the optional MA and Ph.D</b>				
2704801	Fungal Plant Diseases	2	2	3
2704802	Methodology in Plant Pathology	2	2	3
2704803	Fundamental of Plant Pathology	2	2	3
2704804	Vegetable-Crop Diseases	2	2	3
2704807	Diseases of Ornamentals and Woody Trees	2	2	3
2704809	Postharvest Diseases	2	2	3
2704810	Non-Parasitic Plant Diseases	2	2	3
2704812	Bacterial Plant Diseases	2	2	3
2704813	Bacterial and Viral Plant Diseases	2	2	3
2704814	Viruses Causing Plant Diseases	2	2	3
2704815	Environment and Physiology of Plant Parasitic Nematodes	2	2	3
2704816	Viral Plant Diseases	2	2	3
2704817	Relation Between Insects and Plant Disease	2	2	3
2704818	Nature Of Resistance to Plant Diseases	2	2	3
2704819	Bacterial Plant Disease ( Advanced )	2	2	3
2704820	Nematode Plant Diseases	2	2	3
2704821	Fundamentals of Plant Diseases ( Advanced )	2	2	3
2704822	Non-Parasitic Plant Diseases (Advanced )	2	2	3
2704823	Genesis of Races of Plant Pathogens	2	2	3
2704825	Physiology of Parasitism	2	2	3

2704826	History of Plant Pathology	2	2	3
2704827	Taxonomy of Nematodes	2	2	3
2704829	Diseases of Woody trees	2	2	3
2704830	Seed Pathology	2	2	3
2704832	Diseases Caused by Parasitic Flowering Plant	2	2	3
2704833	Diseases of Fiber Crops	2	2	3
2704835	Taxonomy of Mushrooms	2	2	3
2704836	Biotechnology in Plant Diseases	2	2	3
2704837	Biological Control of Plant Diseases	2	2	3
2704838	Chemical Control of Plant Diseases	2	2	3
2704839	Fungi and Yeasts	2	2	3
2704841	Fungal Genetics ( Advanced )	2	2	3

## 2- Genetics

Code number	Courses	Hours Weekly		Credit Hours
		Lectures	Applications	
<b>Decisions mandatory for the Master</b>				
2704845	Genetic Technique	2	2	3
2704849	Cell Biology	2	2	3
2704852	Molecular Genetics	2	2	3
2704863	Ecological Genetics	2	2	3
<b>Decisions of the mandatory PhD</b>				
2704854	Advanced Genetic Technique	2	2	3
2704855	Advanced Cytogenetic	2	2	3
2704858	Microbial Genetics	2	2	3
2704861	Advanced Quantitative Genetics	2	2	3
2704862	Mutations and Its using	2	2	3
<b>.Decisions of the optional MA and Ph.D</b>				
2704842	Cell	2	2	3
2704843	Biological Statistics	2	2	3
2704844	Advanced Genetics	2	2	3
2704846	Cytogenetic	2	2	3
2704847	Quantities Genetics	2	2	3
2704848	Genetics and Society	2	2	3
2704850	Population Genetics	2	2	3
2704851	Human Genetics	2	2	3
2704853	Advanced Population Genetics	2	2	3
2704856	Advanced Biochemical Genetics	2	2	3
2704857	Cell Chemistry	2	2	3
2704859	Genetic Behavior and Environment	2	2	3
2704860	Advanced Developmental Genetics	2	2	3
2704864	Radiation Genetics	2	2	3
2704865	Special Studies	2	2	3

### 3- Plant Physiology

Code number	Courses	Hours Weekly		Credit Hours
		Lectures	Applications	
2704865	Egypt Flora	2	2	3
2704866	Plant Anatomy	2	2	3
2704867	Plant Ecology	2	2	3
2704868	Morphology and Taxonomy of Bacteria	2	2	3
2704869	Physiology of Bacteria	2	2	3
2704870	Taxonomy of Fungi	2	2	3
2704871	Physiology of Fungi	2	2	3
2704872	Plant Physiology (Advanced)	2	2	3
2704873	Plant Physiology (Advanced) Continuation	2	2	3
2704874	Cell Physiology	2	2	3
2704875	Growth Physiology	2	2	3
2704876	Taxonomy of Fungi (Advanced)	2	2	3