

Preparatory Year Courses/First Semester (Fall).

Units	Number of hours			Course Name	t
	Total	practical	theoretical		
3	5	3	2	Advanced Plant Physiology	1
2	4	2	2	& Advanced Experience Design Analysis	2
3	5	3	2	Advanced Sustainable Agriculture	3
3	5	3	2	Advanced Biotechnology	4
2	2	-	2	Scientific Research Methodology	5
Fulfilled	2	-	2	English	6
13	23	11	12	Total	

Preparatory Year Courses/Second Semester (Spring).

Units	Number of hours			Course Name	t
	Total	practical	theoretical		
3	5	3	2	Genetics	1
3	5	3	2	Advanced Plant Diseases	2
3	5	3	2	Advanced Plant Nutrition	3
3	5	3	2	Elective Lesson by Researcher	4
1	2	-	2	Seminars	5
Fulfilled	3	2	1	Calculator Application	6
13	24	14	11	Total	

Elective Courses

Number of Units	Number of hours			Course Name	t
	Total	practical	theoretical		
2	4	2	2	Advanced Nurseries and Propagation	1
2	4	2	2	Advanced Fruit Production	2
2	4	2	2	Advanced Vegetable Production	3
2	4	2	2	Advanced Protected Agriculture	4
2	4	2	2	Advanced Decoration and Garden Engineering	5
2	4	2	2	Advanced Care & Storage	6
2	4	2	2	Advanced Forestry	7
2	4	2	2	Advanced Quantitative Inheritance	8
2	4	2	2	Advanced cell science	9
2	4	2	2	Advanced crop production	10

2	4	2	2	Advanced bush control	11
2	4	2	2	Wood Technology Science	12
2	4	2	2	& Natural Extracts Products	13
2	4	2	2	Advanced Seed Science	14
2	4	2	2	Grain Science	15
2	4	2	2	Growth Organizations	16
2	4	2	2	Seed storage techniques	17
2	4	2	2	Advanced fertilization and fertilization	18
2	4	2	2	pesticides	19
2	4	2	2	Mycology	20
2	4	2	2	Pests	21
2	4	2	2	Environment and pollution	22