

Genetics and Plant Breeding

Sem	No.	Course	Code	Credit	Theory	Practice	BB/TC
1	1	Phylosophy	ML06001	3	3	0	BB
1	2	English	SN06003	2	2	0	BB
2	3	Advanced Plant Physiology	NH06017	2	2	0	BB
2	4	Plant molecular genetics	NH06012	2	1.5	0.5	BB
2	5	Quantitative genetics	NH06013	2	2	0	BB
2	6	Cell and development genetics	NH06021	3	1.5	0.5	BB
2	7	Molecular breeding	NH07042	2	1.5	0.5	BB
2	8	Population genetics	NH06015	2	2	0	BB
2	9	Conservation, evaluation and utilization of plant genetic resourses	NH07091	3	2	0	BB
2	10	Abiotic and biotic stress resistance breeding	NH07090	3	3	0	BB
2	11	Advanced plant breeding	NH07082	3	3	0	BB
2	12	Advanced seed production and technology	NH07083	3	2.5	0.5	BB
2	13	The evolution of plants	NH06016	2	2	0	TC
2	14	Advanced Bio-Statistic	NH06018	2	1.5	0.5	TC
2	15	Advanced annual crop breeding	NH07046	2	1.5	0.5	TC
2	16	Advanced perennial crop breeding	NH07047	2	1.5	0.5	TC
2	17	Advanced vegetable breeding	NH07048	2	1.5	0.5	TC
2	18	Plant bio-technology	SH07051	2	2	0	TC
2	19	Advanced bioinformatics	SH06008	2	2	0	TC
2	20	Statistics in genetics and plant breeding	NH07049	2	1	1	TC
2	21	Plant physiology in abiotic conditions	NH07050	2	2	0	TC
2	22	Plant – Pathogen Interaction	NH07033	2	2	0	TC
2	24	Advanced flower breeding	NH07052	2	1.5	0.5	TC
2	25	Seminars in plant genetics and breeding	NH07053	2	0.5	1.5	TC
2	26	Integrated Crop Management	NH07022	2	2	0	TC
2	27	Sustainable Farming	NH07063	2	1.5	0.5	TC
2	28	Advanced Plant Nutrition	NH07062	2	2	0	TC
2	29	Agroecology and Environmental Protection	MT06007	2	2	0	TC
2	30	Advanced rural development	KT07023	2	2	0	TC
2	31	Advanced food safety	CP07016	2	2	0	TC
2	32	Master's thesis	NH07991	12	0	12	BB

Note: BB: Compulsory; TC: Elective