

M.Sc. in Agricultural Biology

Code	Title	Credits	Option
First Semester			
AB 5102	Plant Physiology	2	Compulsory
AB 5109	Reproductive Biology	1	Compulsory
AB 5110	Crop Genetic Resources	1	Compulsory
AB 5113	Photosynthesis and Plant Productivity	2	Compulsory
AB 5119	Molecular Biology	1	Compulsory
AB 5103	Plant Systematics	2	Optional
AB 5105	Cellular Genetics	2	Optional
AB 5111	Exploration and Collection of Plant Genetic Resources	2	Optional
AB 5118	Polygenic Inheritance	2	Optional
AB 5121	Characterization and Evaluation of Plant Genetic Resources	2	Optional
AB 5122	Gene Manipulation	2	Optional
AB 5154	Valuing Plant Genetic Resources	1	Optional
Second Semester			
AB 5203	Plant Breeding Techniques	2	Compulsory
AB 5208	Plant Physiology Techniques	2	Compulsory
AB 5211	Methods in Plant Genetic Resources Conservation	2	Compulsory
AB 5213	Plant Growth and Development	2	Compulsory
AB 5253	Utilization of Plant Genetic resources in Crop Improvement	1	Compulsory
AB 5298	Directed Study	2	Compulsory
AB 5299	Seminar	1	Compulsory
AB 5201	Plant Biochemistry	2	Optional
AB 5215	Population Genetics	2	Optional
AB 5216	Genetic Designs	2	Optional
AB 5223	Cereal Biotechnology	1	Optional
AB 5230	Plant Variety Protection, Intellectual Property Rights & Policy Issues	1	Optional
AB 5235	Scientific Communication in Biology	1	Optional
AB 5254	Environmental Physiology III – Stress Physiology	2	Optional
CS 5225	Advanced Plant Tissue Culture	2	Optional