

**Postgraduate Institute of Agriculture
University of Peradeniya
Board of Study in Agricultural Biology
Courses to be offered & Panel of Teachers for the Academic Year 2024/25,
Semester II Program**

Course No	Course Title	Credits	Option	Proposed Teaching Panel
AB 5222	Gene Expression and Developmental Genetics	2	Compulsory	* Prof. S. A. C. N. Perera , Dr. Dineesha Balagalla
AB 5228	Molecular Breeding and DNA Fingerprinting	2	Compulsory	*Prof. S. A. C. N. Perera , Prof. V. A. Sumanasinghe, Prof. K.K.D.V. Jayathilake
AB 5229	Genetically Modified Organisms, Food, Feed and Processed Products and Biosafety	1	Compulsory	*Dr. N. U. Jayawardana , Prof. A. L. T. Perera,
AB 5236	Production of Transgenics	1	Compulsory	*Prof. V. A. Sumanasinghe , Prof. P. Samaraweera
AB 5252	Bioinformatics	2	Compulsory	*Prof. V. A. Sumanasinghe , Prof. C. M. B. Dematawewa, Dr. Yamuna Somaratne
AB 5296	Practicum in Biotechnology II	1	Compulsory	Dr. V. N. S Sirimalwatta, *Dr. Yamuna Somaratne
AB 5298	Directed Study	5	Compulsory	*Dr. V. N. S Sirimalwatta
AB 5299	Seminar	1	Compulsory	*Prof. D. C. Bandara
AB 5205	Stress Physiology	2	Compulsory	*Prof. S. A. C. N. Perera
AB 5211	Methods in Plant Genetic Resources Conservation	2	Compulsory	*Prof. S. A. C. N. Perera , Dr. W. L. G. Samarasinghe, Dr. H. Fonseka
AB 5213	Plant Growth and Development	1	Compulsory	*Prof. S. A. C. N. Perera
AB 5214	Biotechnology in Crop Improvement	1	Compulsory	*Prof. V. A. Sumanasinghe , Dr. Yamuna Somaratne
AB 5295	Practicum 2 - Crop Improvement	1	Compulsory	*Prof. S. A. C. N. Perera , Dr. Yamuna Somaratne

AB 5233	Nanotechnology	1	Optional	*Prof. N. Adassooriya
AB 5235	Scientific Communication in Biology	1	Optional	*Prof. D. C. Bandara
AB5220	Marine Biotechnology	1	Optional	*Dr. M. F. M. Fairoz
AB 5217	Breeding Strategies of Economic Crops	2	Optional	*Prof. S. A. C. N. Perera , Dr. H. Fonseka, Dr. K. K. Liyanage, Dr. Pathmasiri Karunarathne
AB5215	Population genetics	2	Optional	*Prof. S. A. C. N. Perera , Dr. V. N. S. Sirimalwatta

***Course Coordinator**