

**Postgraduate Institute of Agriculture  
University of Peradeniya**

**Board of Study in Agricultural Engineering**

**Courses to be Offered & Panel of Teachers for the Academic Year 2018 , Semester 1  
Program: M.Sc. in Agricultural and Biosystems Engineering**

Code	Title	Credit	Lecturer(s)	Coordinator
AE 5102	Thermodynamics	2	Dr. W.P.D. Fernando	
AE 5104	Engineering Drawing	2	Dr. A.K. Karunaratne Mr. S.N. Gunasekara	
AE 5106	Physical Properties of Agricultural Products	2	Prof. D.A.N. Dharmasena	Prof. D.A.N. Dharmasena
AE 5107	Water Quality for Agriculture and Environment	2	<b>Not Offered</b>	
AE 5109	Soil Mechanics	2	Prof. B.F.A. Basnayake Dr. A.K. Karunaratne	Dr. A.K. Karunaratne
AE 5111	Engineering Mechanics	2	Prof. P.B.R. Dissanayake Dr. A.K. Karunaratne	Dr. A.K. Karunaratne
AE 5112	Farm Mechanization	2	Dr. D.N. Jayatissa	Dr. D.N. Jayatissa
AE 5113	Principles of Farm Machinery	2	<b>Not Offered</b>	
AE 5114	Agricultural Structures and Environment	2	<b>Not Offered</b>	
AE 5115	Electronics and Instrumentation in Agriculture	2	<b>Not Offered</b>	
AE 5116	Farm Machinery Testing and Evaluation	1	<b>Not Offered</b>	
AE 5117	Numerical Analysis in Agricultural Engineering Applications	2	Dr. A.K. Karunaratne	Dr. A.K. Karunaratne
AE 5118	Principles of Post-harvest Biology and Technology	2	<b>Not Offered</b>	
AE 5152	Environmental Impact Assessment	2	Prof. R.P. De Silva Prof. D.K.N.G. Pushpakumara Dr. A.K. Karunaratne	Dr. A.K. Karunaratne
AE 5157	Solid Waste Management	2	Dr. A.K. Karunaratne Prof. B.F.A. Basnayake	Dr. A.K. Karunaratne
AE 5167	Process Control and Automation	2	Dr. K.S.P. Amaratunga	Dr. K.S.P. Amaratunga
AE 5198	Directed Study	5	Dr. A.K. Karunaratne	Dr. A.K. Karunaratne
AE 5198	Directed Study	2	Dr. A.K. Karunaratne	Dr. A.K. Karunaratne
ST 5101	Calculus and Matrix Algebra	2	Dr. N.R. Abeynayake	Dr. N.R. Abeynayake
ST	Basic Statistics	2	Prof. T.	Prof. T.

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