

# Postgraduate Institute of Agriculture

## Board of Study-Soil Science

### Courses Offered and the Panel of Teachers

#### First Semester 2023

Course No.	Name of Subject (units)	Name of Lecturer	No of hours
<sup>†</sup> SS5101	Fundamentals of Soil Science (1)	Prof. R.S. Dharmakeerthi* Dr. W.S. Dandeniya	15 15
SS 5110	Environmental Soil Physics (3)	Prof. W.A.U. Vitharana Dr. D.N. Vidana Gamage*	9 36
SS 5111	Environmental Soil Chemistry (3)	Prof. R S Dharmakeerthi* Prof. R. Weerasooriya Dr. P. D. Dissanayake	30 15
SS 5113	Environmental Microbiology (3)	Prof. R.M.C.P. Rajapaksha Dr. B.L.W.K. Balasooriya * Dr. W.S. Dandeniya	20 10 15
SS 5152	Analytical techniques in Soil, Plant, Water & Fertilizer (3)	Prof. R S Dharmakeerthi* Prof. R. Weerasooriya	30 15
<sup>#</sup> SS 5198	Directed study (5)	Coordinator: Dr. D.N.Vidana Gamage	
SS 5199	Seminar (1)	Dr. B.L.W.K. Balasooriya	15
SS 5109	Microbial Ecology (3)	Dr. W.S. Dandeniya * Dr. B.L.W.K. Balasooriya	22 23
SS 5156	Water Quality & Environment (2)	Dr. W.S. Dandeniya* Prof. R. Weerasooriya	18 12
SS 5108	Soil Ecosystems and their Functions (2)	Dr. W.S. Dandeniya* Dr. R.H.G. Ranil Prof. D.K.N.G. Pushpakumara	6 6 18
SS 5154	Plant-Microbe Interaction (2)	Dr. W.S. Dandeniya Prof. R.M.C.P. Rajapaksha*	10 20
Courses offered for non-Soil science M.Sc. degree programmes			
SS 5112	Soil-Plant-Water Systems (2)	Dr. D.N. Vidana Gamage* Prof. W.A.U. Vitharana	8 10

		Dr. AMCPK Attanayake	12
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\* Course coordinator

‡ Pre-requisite courses as per the recommendation of the Board of Study

# **Directed study is offered in both semesters. We encourage students to register for directed study in the second semester.**

Dr. D.N. Vidana Gamage  
Secretary  
Board of Study-Soil Science