

M.Sc. in Environmental Soil Science

List of Courses:

Code	Title	Credits	Option
First Semester			
SS 5101*	Fundamentals of Soil Science	2	Compulsory
SS 5110	Environmental Soil Physics	3	Compulsory
SS 5111	Environmental Soil Chemistry	3	Compulsory
SS 5113	Environmental Microbiology	2	Compulsory
SS 5152	Techniques in Soil Plant, Water & Fertilizer Analysis	3	Compulsory
SS 5198	Directed Study	2	Compulsory
SS 5199	Seminar	1	Compulsory
SS 5107	Formation and Characteristics of Tropical Soils	2	Elective
SS 5109	Microbial Ecology	3	Elective
SS 5114	Digital Soil Mapping	2	Elective
SS 5156	Water Quality and Environment	2	Elective
SS 6101	Tracer Techniques in Soil and Plant Studies	2	Elective
AE 5152	Environmental Impact Assessment	2	Elective
ST 5155	Design and Analysis of Experiments	2	Elective
Second Semester			
SS 5198	Directed Study	2	Compulsory
SS 5199	Seminar	1	Compulsory
SS 5212	Soils of Sri Lanka	1	Compulsory
SS 5251	Organic Pollutants and Environment	2	Compulsory
SS 5252	Environmental Impact of Inorganic Pollutants and Radio-nuclides	3	Compulsory
SS 6203	Land Use and Environment	1	Compulsory
SS 6204	Remediation of Contaminated Soil and Water	2	Compulsory
SS 5253	Solid Waste and Environment	2	Elective
SS 5254	Environmental Biotechnology	2	Elective
SS 6202	Environmental Soil Mineralogy	2	Elective
SS 6205	Advanced Instrumentation in Environmental Research	2	Elective
SS 6206	Soil Environmental Modelling	2	Elective
SS 6207	Applications of Digital Soil Mapping	2	Elective
CS 5212	Scientific Writing and Proposal Formulation	2	Elective