

College of Agricultural Engineering & Technology

Ph.D

Course Code	Course Name	Credit Hours	Course Type	Semester	Syllabus	Lecture Schedule
Soil and Water Engineering						
SWE -601	Advanced Hydrology	(3+0)	Major			
SWE -602	Soil and Water Systems Simulation and Modeling	(2+1)	Major			
SWE-603	Modelling Soil Erosion Processes	(2+1)	Major			
SWE-604	Advanced Hydro-Mechanics in Soil Aquifer Systems	(3+0)	Major			

SWE-605	Hydro-Chemical Modelling and Pollutant Management	(3+0)	Major			
SWE-606	Plant Growth Modelling and Simulation	(3+0)	Major			
SWE-607	Advances in Irrigation and Drainage	(2+0)	Major			
SWE-608	Water Resources Pollution and Control	(2+1)	Major			
SWE-609	Mechanics of Soil Erosion and Sedimentation	(2+1)	Major			
SWE-610	Mathematical Modelling in Hydrology	(2+1)	Major			