

CIEG 457: Advanced Hydrology

Students model the hydrologic cycle and hydrologic processes to learn about and apply hydraulic models such as those hosted by the WMS (Watershed Modeling System) software, including the US Army Corps HEC-1 model and the SCS TR-20 and TR-55 models. GIS software ArcView and one of its extensions WMSHydro.avx are also used to prepare data for use in WMS models.

Credits: 3

Prerequisites/Permissions:

CIEG 352

Program:

Civil Engineering

COURSE DESCRIPTIONS