

# Warnell School of Forestry and Natural Resources

## Professional Program Curriculum

### Water and Soil Resources Major Program of Study

Course ID	Course Title	Hours
FANR 3000-3000L	Field Orientation, Measurements, and Sampling in Forestry and Natural Resources	4
CRSS (FANR) 3060-3060L	Soils and Hydrology	4
FANR 3200-3200L	Ecology of Natural Resources	4
FANR 3300-3300D	Economics of Renewable Resources	2
FANR 3400-3400D	Society and Natural Resources	2
FANR 3800-3800L	Spatial Analysis of Natural Resources	3
FANR 4500 <i>or</i> FANR 4600	Senior Project <i>or</i> Senior Thesis	4
FANR 4800	Renewable Resources Policy	2
CRSS 4600-4600L	Soil Physics	4
CRSS 4670	Environmental Soil Chemistry	3
GEOL 4220	Hydrogeology	3
WASR (FORS) 4110-4110L	Forest Hydrology	4
<b>CHOOSE ONE (1) FROM THE FOLLOWING:</b>		
GEOG 3010	General Geomorphology	3
CRSS (GEOL) 4540-4540L	Pedology	3
<b>CHOOSE ONE (1) FROM THE FOLLOWING:</b>		
EHSC (FDST)(MIBO) 4310-4310L	Environmental Microbiology	4
ECOL (FISH)(WASR) 4310-4310L	Limnology	4
CRSS (MIBO) 4610-4610L	Soil Microbiology	3
<b>Major Electives**</b>		<b>16-17</b>
<b>Professional Hours</b>		<b>62</b>
<b>Total with Regents Core</b>		<b>122</b>

\*Any 3000+ level WASR course, or course approved by faculty advisor. See following page for pre-approved, recommended major electives.

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### Water and Soil Resources Major Suggested Major Electives

Course ID	Course Title	Hours
CRSS 2010-2010L	Crop Science	4
CRSS 3540	Soil Morphology and Interpretation	1
CRSS 4510	Contaminants in Soil and Water	3
CRSS 4580-4580L	Soil Erosion and Conservation	3
CRSS 4590	Soil Fertility and Plant Nutrition	3
CRSS 4590L	Soil Fertility and Plant Nutrition Laboratory	1
EHSC 4350-4350L	Environmental Chemistry	3
EHSC 4490	Environmental Toxicology	3
EHSC 4590-4590L	Water and Wastewater	3
EHSC 4610	Water Pollution and Human Health	3
FORS 3010-3010L	Dendrology	3
WASR (FORS) 4000-4000L	Forest Soil Management	3
FISH (WASR) 4100-4100L	Environmental Monitoring	3
WASR 4300	Field Methods in Hydrology	3
WASR 4400-4400L	Introduction to Wetlands	3
WASR 4500	Quantitative Methods in Hydrology	3
WASR 4700L	Hydrology, Geology, and Soils of Georgia	3
GEOG 4020	Fluvial Geomorphology	3
GEOG 4060	Field and Laboratory Methods in Physical Geography	3
GEOG 4300	Introductory Spatial Analysis	3
GEOG 4330-4330L	The Use and Interpretation of Aerial Photographs	3
GEOG 4350-4350L	Remote Sensing of Environment	3
GEOG 3010-3010L	Earth Materials	4
GEOG 3020-3020L	Surficial and Near-Surficial Processes	4
GEOG 4110	Principles of Geochemistry	3

\*Electives not listed must be approved by faculty advisor.