

\* (Note: Core Courses and Electives listed are for the Engineering The Future Funding Program - Students must also satisfy their University's degree requirements regarding core courses and electives, which may differ from those listed here.)

## Summary of Course Requirements

Descriptions for Core Courses (Required)			Elective Courses (must take 3)
<p><b>Virginia Tech</b></p>	<p><b>CEE 5125 Environmental Design I (Wastewater Treatment)</b> Design of wastewater treatment facilities for the reduction and elimination of organic and inorganic pollutants.</p>	<p><b>CEE 5144 Unit Operations and Process Laboratory</b> Applied science aspects of water and waste treatment; advanced research techniques in analysis and treatment of water and wastes</p>	<p>CEE 5134 Engineering Aspects of Water Quality            CEE 5104 Environmental Chemistry            CEE 5704 1 credit Env Chem lab            CEE 5304 Env. Fluid Mechanics            CEE 5794 Env. Engr. Principles            CEE 4104 Water &amp; Wastewater Treatment Design            CEE 4144 Air Resources Engr.            CEE 4174 Solid &amp; Haz. Waste Mgmt.            CEE 4594 Soil and Groundwater Pollution            CEE 5126 Env. Engr. Design II/ Water            CEE 5134 Engr. Aspects of Water Quality            CEE 5154 Air Poll. Control Engr.            CEE 5164 Air Qual. Modeling/Measurement            CEE 5194 Env. Engr. Micro.            CEE 5204 GIS Appl. in Civil Engr.            BSE 5354 Nonpoint Source Pollution Modeling            CEE 5374 Dynamics of Groundwater            CEE 5574 Env. Geotechnics            CEE 58714 Surface Water Quality Modeling            CEE 5774 Haz. Waste Mgmt.</p>