

<h2 style="text-align: center;">Summary of Course Requirements</h2>			<p style="text-align: center;">* (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.)</p>
<h3 style="text-align: center;">Descriptions for Core Courses (Required)</h3>			<h3 style="text-align: center;">Elective Courses (must take 3)</h3>
<p>Univ. of North Carolina</p>	<p>ENVR 253 Physical/ Chemical Treatment Processes Fundamental descriptions of disinfection, oxidation, coagulation, precipitation, sedimentation, filtration, adsorption, ion exchange, and membrane processes; applications to water and wastewater treatment.</p>	<p>ENVR 254 Environmental Process biotechnology Theory and Practice of biological processes used to remove contaminants from environmental media, including water, wastewater, soil, and air.</p>	<p>ENVR 116 Aerosol Technology ENVR 116L Aerosol Technology Lab ENVR 151 Process Dynamics in Env. Systems ENVR 153 Groundwater Hydrology ENVR 161 Geostatistics for Spatial/Temporal Env. Phenomena ENVR 162 Random Field Modeling of Physical Proc. ENVR 167 Temporal GIS ENVR 250 Principles of Industrial Ventilation ENVR 250D Ventilation Design Problem ENVR 251 Air Pollution Control ENVR 252 Analysis of Water Resource Systems ENVR 255 Water and Wastewater Plant Design ENVR 256 Environmental Engineering Project ENVR 260 Appl. of Comp. Fluid Dynamics ENVR 265 Multiphase Transport Phenomena ENVR 285 Surface Water Qual.: Modeling and Policy ENVR 291 Water Resources Planning and Policy ENVR 119 Chemical Equilibria in Natural Waters ENVR 134 Environmental Health Microbiology ENVR 113 Limnology ENVR 114 Ecology of Wetlands ENVR 116 Lab Techniques and Field Measure. ENVR 130 Health Effects of Env. Agents</p>