

\* (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)
<b>Univ. Of Nebraska-Lincoln</b>	<b>CIVE 829 Biological Waste Treatment</b> Principles of biological processes and their application in the design of waste treatment systems.	<b>CIVE 823 Physical and Chemical Treatment Processes in Environmental Engineering</b> Evaluation and analysis of physical and chemical unit operations and processes applied to the treatment of water, wastewater, and hazardous wastes.  <b>CIVE 828 Quantitative Methods in Env. Engr.</b> <b>CIVE 821 Hazardous Waste Mgmt.</b> <b>CIVE 824 Solid Waste Mgmt. Engr.</b> <b>CIVE 826 Design of Water Treatment Facilities</b> <b>CIVE 827 Design of Wastewater Trt. &amp; Disp. Fac.</b> <b>CIVE 830 Fundamentals of Water Quality Modeling</b> <b>CIVE 858 Groundwater Engineering</b> <b>CIVE 854 Hydraulic Engineering</b> <b>CIVE 819 Flow Systems Design</b> <b>BSEN 855 Nonpoint Source Pol. Contr. Engr.</b> <b>AGEN 841 Animal Waste Mgmt.</b> <b>CHME 892 Air Pollution, Assessment, and Control</b> <b>CIVE 822 Pollution Prevention: Princ. &amp; Practice</b>