Summary of Course Requirements			* (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.)
	Descriptions for Core Courses (Required)		Elective Courses (must take 3)
University of New Hampshire	**CiE 946 Advanced Bioenvironmental Engineering Design** Theoretical and experimental examination of the fundamental parameters used in selection, design, and operation of biological treatment processes for waters, wastewaters, and hazardous wastes. Topics include design and evaluation of aerobic and anaerobic processes, suspended and fixed-film processes, and advanced biological water and wastewater treatment processes.	**CiE 944 Advanced Physicochemical Treatment Design** Selection, design, and evaluation of advanced unit processes employed in physicochemical treatment of waters, wastewaters, and hazardous wastes. Discussion on preparation of alternative designs and economic analysis. Emphasis on treatment schemes based on experimental laboratory or pilot studies.	**CiE 849 Water Chemistry** **CiE 856 Environmental Engineering Microbiology** **CiE 840 Public Health Engg** **CiE 848 Solid and Hazardous Waste Design** **CiE 850 EcoHydrology** **CiE 945 Advanced Groundwater Topics** **CiE 847 Intro to Marine Pollution and Control** **CiE 851 Sustainable Engineering** **CiE 855 Design of Water Trans System** **CiE 940 Hydrologic Monitoring**