* (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

Summary of Course Requirements

here.)

Desc	riptions for Core Courses (Req	Elective Courses (must take 3)	
Carnegie Mellon Jniversity	 and fixed film biological systems. 12-724 Biotechnology Applications in Engineered Systems This course presents application of microbiology in water and watewater treatment. Biological processes 	12-722 Wastewater Treatment: Design and Practice: Consideration of planning, process design, specifications, and costing of facilities and systems for treatment of municipal and industrial wastewaters. The subject matter is developed through references to current pracitce, critique of completed design, design evercises and field trips	12-751 Air Quality Engr.