



Envi. Scie Capstone (SCG250)	Newtown Creek, Hudson River, Flushing Creek/Bay, other NYC waterways	Laboratory based analysis	Students collect weekly water samples and test them for metals and polyatomic ions in lab every week as independent, semester- long, research projects.	Every Spring semester since 2012 (course runs only in Spring)	1 (only 1 section currently offered)	Dr. Holly Porter-Morgan		
GIS (SCG150)	New York City Environmental Hazard	Lab-based (GIS is a computer skill, so...)	Students collect online data on environmental hazards (TRIs, brownfields, csos) map it and do spatial analysis to determine who lives near it and if there is an environmental justice issue. Expanding to include field component with air pollution data collection this fall with Keller and Alberts.	Either Fall I or II since 2012	1 or 2 sections.	Dr. Holly Porter-Morgan		
Chemistry SCC-201	Chemistry of Newtown Creek water	Laboratory based analysis	Modification of 3 labs	Fall 2017	2?	(Dr. Jennifer Vance) Dr. Kevin Mark	CCURI?	Inquiry and Problem Solving Written
<b>Course</b>	<b>Research Project</b>	<b>Nature of Activities</b>	<b>Description</b>	<b>Semester(s) Implemented</b>	<b># of sections</b>	<b>Faculty developing/ implementing</b>	<b>Larger Initiative/Other notes or comments</b>	<b>Core Competency/ability</b>

Research initiatives "out of classroom"

CRSP

NIH-Bridges

CCURI