

### **Minor in Environmental Technology**

As global awareness of environmental issues increases, the environmental sector has emerged as a leading discipline in the science and engineering fields. As the environmental market continues to grow, so does the demand for trained environmental engineers, environmental engineering technicians, and environmental scientists. The Environmental Technology minor is designed for students in complimentary disciplines to diversify their background, providing them with knowledge and skills in areas related to air, water, and soil. A minor in Environmental Technology provides students with a more in-depth understanding of environmental related standards and regulations, resource management, water and soil resources, characterization and treatment of water and soil, and field/lab techniques. The Environmental Technology minor provides a way for students to formally demonstrate competency in these areas and will make them competitive and highly sought after in today's market.

A minimum of 19 credit hours is needed to complete the minor in Environmental Technology, 9 of which must be upper division.

#### **Required:**

CONS 285 Engineering Geology	4 credits
<b>OR</b>	
ESCI 107 Earth Science	4 credits
<b>OR</b>	
GEOL 103 Physical Geology *	3 credits

#### **Elective:**

CONS 101 Elementary Surveying	4
CONS 216 Soils In Construction	4
CONS 350 Intro to GIS <b>OR</b> GEOL 340 Geographic Information Systems *	3
CONS 385 Hydrology and Hydrogeology	4
CONS 386 Water Quality	4
CONS 387 Water and Wastewater Treatment	3
CONS 485 Solid Waste Management	3
CONS 486 Soil and Groundwater Remediation	3

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CONS 487 Water Resources, Management, and Design	3
LEST 388 Environmental Law	3

\* Course offered at SUNY Potsdam, through the Department of Geology

Future courses developed by SUNY Canton's Civil and Environmental Technology program or other related courses – will require approval by minor coordinator at SUNY Canton