

ENVIRONMENTAL PROTECTION TECHNOLOGY



Hire The Best

Our students learn to function effectively with the tools and equipment used in microbiology, ecological field sampling, analytical chemistry, hazardous material management, surveying and municipal engineering, AutoCAD drawing and Geographic Information Systems (GIS) mapping. Laboratory practice in water quality testing, groundwater movement, computer-aided environmental audits and the chemistry of pollutants give students the skills needed to analyze and remediate the urban environment.

Some of Their Skills Include

- Ecology
- Laboratory Instrumentation
- Surveying & GIS Mapping
- Biology
- Computer-Assisted Drawing (CAD)
- Water Quality Testing
- Microbiology
- Computer Technologies
- Soils and Groundwater
- Chemical Analysis
- Chemistry of Pollutants
- Hazardous Wastes
- Environmental Auditing
- Bioregionalism
- Environmental Law
- Civil Engineering Design
- Communication

Program Outline



Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.
Semester 1	Semester 2	Vacation	Semester 3	Semester 4	Co-op Work Term 1	Semester 5	Semester 6	Co-op Work Term 2	Co-op Work Term 3
Biological Systems General Chemistry Microcomputer Technology Mathematics Reading and Writing Prose General Education Elective	Microbiology Lab Instrumentation Chemistry Pollutants Microbial Techniques Technology Mathematics 3 for Environmental Approaches to Literature		Ecology Soils and Groundwater Topographical Surveying Organic Chemistry Physics for Environmental General Education Elective	Applied Environmental Microbiology Analytical Chemistry Water Quality Control Engineering Equipment and Processes Environmental Legislation and Regulation Communication for Technology General Education Elective Employment Replacement		Bioregionalism Analytical Instrumentation Civil Engineering Design and Construction Practice AutoCAD 1 – Civil Environmental Audits, Sampling and Data Management	Applied Microbiology Analysis Modern Industrial Processes & Hazardous Waste Management Applied Hydrology Industry Project Geographic Information System (GIS)		

OR

Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.
Semester 1	Semester 2	Vacation	Semester 3	Semester 4	Co-op Work Term 1	Co-op Work Term 2	Semester 5	Co-op Work Term 3	Semester 6
Same as above									