

# ASSOCIATE DIPLOMA IN ENVIRONMENTAL MANAGEMENT

The Environmental Management program combines the technical knowledge and practical skills training required to succeed in a career in municipal/industrial operations (water/wastewater, etc.) or in areas of conservation and agricultural stewardship. The program balances classroom education in environmental science and law with practical techniques learned in both indoor working labs and outdoor field studies. Students can choose to complete the provincial MECP certification examinations (OIT - Water, Wastewater; Entry Level Drinking Water Operator) as well as industry certification examinations (OACETT) during their studies.

## Requirements

Code	Title	Credits
<b>Semester 1 - Fall</b>		
DAGR*1090	Communications & Software Applications I	0.50
DENM*1000	Environmental Science and Issues	0.50
DENM*1120	Mathematics for Environmental Operators	0.50
DENM*2150	Water Resource Management	0.50
DENM*2200	Environmental Monitoring	0.50
DENM*3100	Introduction to Applied Microbiology	0.50
<b>Semester 2 - Winter</b>		
DAGR*2090	Communications & Software Applications II	0.50
DENM*1300	Environmental Law and Ethics	0.50
DENM*2000	Occupational Health and Safety	0.50
DHRT*2230	Soil and Water Use in Agroecosystems	0.50
Select 1.00 credits from the following:		
DAGR*2150	Site-Specific Crop Management	0.50
DAGR*3130	Sales and Sales Management	0.50
DENM*3200	Water Treatment	0.50
DENM*3210	Sewage and Waste Water Treatment	0.50
<b>Semester 3 - Fall</b>		
DENM*1200	Spills and Contaminated Site Remediation	0.50
DENM*2100	Ecology	0.50
DENM*3120	Introduction to GIS	0.50
DENM*3300	Business Practices and Compliance	0.50
Select 1.00 credits from the following:		
DAGR*1200	Applied Plant Science	0.50
DENM*2020	Advanced Math and Water Chemistry	0.50
DENM*3150	Agriculture and Environmental Stewardship	0.50
DENM*3220	Water Distribution and Wastewater Collection	0.50
DENM*3910	Special Study Project	0.50
<b>Semester 4 - Winter</b>		
DAGR*4600	Human Resource Management	0.50
DENM*3000	Data Analysis and Statistics	0.50
DENM*4050	Environmental Project	0.50
DENM*4400	Environmental Industry Placement	0.00
Select 1.50 credits from the following:		

DAGR*4150	Renewable Energy and Agriculture	0.50
DENM*3160	Agricultural Chemicals in the Environment	0.50
DENM*4070	Waste and Water Operation Techniques	0.50
DENM*4080	Entry-Level Drinking Water Operations	0.50
DENM*4100	Land Use Planning	0.50
DENM*4120	Advanced GIS	0.50
DENM*4210	Nutrient Management	0.50
DENM*4250	Solid Waste Management	0.50

## Co-op Requirements

Code	Title	Credits
<b>Semester 1 - Fall</b>		
COOP*1120	Introduction to Co-operative Education	0.00
DAGR*1090	Communications & Software Applications I	0.50
DENM*1000	Environmental Science and Issues	0.50
DENM*1120	Mathematics for Environmental Operators	0.50
DENM*2150	Water Resource Management	0.50
DENM*2200	Environmental Monitoring	0.50
DENM*3100	Introduction to Applied Microbiology	0.50
<b>Semester 2 - Winter</b>		
DAGR*2090	Communications & Software Applications II	0.50
DENM*1300	Environmental Law and Ethics	0.50
DENM*2000	Occupational Health and Safety	0.50
DHRT*2230	Soil and Water Use in Agroecosystems	0.50
Select 1.00 credits from the following:		
DAGR*2150	Site-Specific Crop Management	0.50
DAGR*3130	Sales and Sales Management	0.50
DENM*3200	Water Treatment	0.50
DENM*3210	Sewage and Waste Water Treatment	0.50
<b>Summer Semester</b>		
COOP*1020	Co-op Work Term I	0.50
<b>Semester 3 - Fall</b>		
DENM*1200	Spills and Contaminated Site Remediation	0.50
DENM*2100	Ecology	0.50
DENM*3120	Introduction to GIS	0.50
DENM*3300	Business Practices and Compliance	0.50
Select 1.00 credits from the following:		
DAGR*1200	Applied Plant Science	0.50
DENM*2020	Advanced Math and Water Chemistry	0.50
DENM*3150	Agriculture and Environmental Stewardship	0.50
DENM*3220	Water Distribution and Wastewater Collection	0.50
DENM*3910	Special Study Project	0.50
<b>Semester 4 - Winter</b>		
DAGR*4600	Human Resource Management	0.50
DENM*3000	Data Analysis and Statistics	0.50
DENM*4050	Environmental Project	0.50
DENM*4400	Environmental Industry Placement	0.00
Select 1.50 credits from the following:		
DAGR*4150	Renewable Energy and Agriculture	0.50
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DENM*4080	Entry-Level Drinking Water Operations	0.50
DENM*4100	Land Use Planning	0.50
DENM*4120	Advanced GIS	0.50
DENM*4210	Nutrient Management	0.50
DENM*4250	Solid Waste Management	0.50