



FALL

CHEM*1040
General Chemistry

CIS*1500
Introduction to Programing

ENGG*1100
Engineering & Design I

MATH*1200
Calculus I

COOP*1100
Intro to Co-op Education
(On-line course 0.00 Credits)

RESTRICTED ELECTIVES
0.50 Credits

ENGG*2400
Engineering Systems Analysis

MATH*2270
Differential Equations

MICR*2420 Microbiology
OR
BIOL*1090 Mol & Cell Biology

ENGG*2120 Mat. Science
OR

ENGG*3670
Soil Mechanics

ENGG*3590
Water Quality

ENGG*3240
Engineering Economics

ENGG*3260
Thermodynamics

ENGG*3650
Hydrology

ENGG*3180
Air Quality

ENGG*4340
Solid & Hazardous Waste
Management

ENGG*4370
Urban Water System
Design

ENGG*4000
Proposal for ENGG*4130
(On-line course 0.00 Credits)

RESTRICTED ELECTIVES
1.50 Credits

COOP WORK TERM

ONE IN
FALL
ONE IN
WINTER

ENGG*1210 Eng. Mechanics I
OR
HIST*1250 Science & Tech.

ENGG*2230 Fluid Mechanics

ENGG*2100 Eng. & Design II
OR

STAT*2120 Stats 4 Engineers

ENGG*3100
Engineering & Design III

ENGG*3410
Systems & Control
Theory

ENGG*4130
Environmental Eng. Design
IV

WINTER

CHEM*1050
General Chemistry II

ENGG*1500
Engineering Analysis

MATH*1210
Calculus II

PHYS*1130
Physics with Applications

ENGG*2560
Environmental Engineering
Systems

ENGG*2450
Electric Circuits

MATH*2130
Numerical Methods

RESTRICTED ELECTIVES
0.50 Credits

ENGG*3430
Heat & Mass Transfer

ENGG*3470
Mass Transfer
Operations

ENGG*3220
Groundwater
Engineering

RESTRICTED ELECTIVES
0.50 Credits

RESTRICTED ELECTIVES
2.00 Credits

SUMMER

COOP WORK TERM

COOP WORK TERM

COOP WORK TERM

RESTRICTED ELECTIVES
0.50 Credits

COOP WORK TERM

TITLE 2016 - 2018 ENVIRONMENTAL ENGINEERING PROGRAM MAP, CO-OP		REVISED 06-09-2020
LEGEND	→	
PREREQUISITE	→	
COREQUISITE	→	
NOTES		
1. NOT THE OFFICIAL SCHEDULE OF STUDIES; FOR GUIDANCE PURPOSES ONLY		