



Environmental Engineering

Geneva's Environmental Engineering program is dedicated to teaching students the value of cultivating our environment. The curriculum is designed with the assumption that the world is God's creation, and that each person has the responsibility to be a good steward. The Environmental Engineering program focuses on air, water, and solid waste pollution control technologies. Students in this program will receive significant education in the technical skills and knowledge required in this field, as well as a discernible motivation for their work. Students who complete this program will be prepared to succeed in their chosen career path.



scan to learn more



Environmental Engineering

Example 4-Year Plan*

YEAR 1

YEAR 2

YEAR 3

YEAR 4

FALL SEMESTER

EGR 100
Calling and Vocation

EVE 240
Water Quality
Control

EGR 330
Thermal Fluid
Sciences

EGR 481
Senior Design
Project

EGR 101/102
Intro to Engineering

MAT 265
Probability and
Statistics

EGR 331
Thermal Fluid
Sciences Lab

EGR 401
Christian Ethics and
Engg

CHM 111
General College
Chemistry

PHY 201
College Physics

CHE 301
Process Analysis

Engineering
Elective

MAT 161
Calculus I

Reason and
Rhetoric Option

Math/Science
Elective

Environmental
Engineering
Elective

ENG 101
English
Composition

HUM 103
Invitation to
Humanities

HUM 303
Perspectives

ECO 270
Principles of
Microeconomics

BIB 112
Old Testament
Introduction

HUM 203
Making the West

POL 151
American
Government

POL 352
Great Issues in
Politics

SPRING SEMESTER

BIB 113
New Testament
Introduction

EGR 212
Linear Circuit
Analysis I

EVS 221
Environmental Ethics

BIB 300
Biblical Worldview

CHM 221
Organic Chemistry I

BIO 306
General Ecology

POL 361
American Public
Policy

PED 103
Physical Fitness

EVS 111
Environmental
Science

EVE 341
Env Mon & Impact
Analysis

EGR 211
Solid Mechanics

EGR 482
Senior Design
Project

MAT 162
Calculus II

MAT 405
Differential
Equations

EGR 333
Fluid Mechanics

Engineering
Elective

EGR 101/102
Intro to Engineering

Environmental
Engineering
Elective

Hydrology
Option

ELE/EGR
Elective

Elective

Core
Major
Elective

GENEVA
COLLEGE

OFFICE OF ADMISSIONS

3200 College Avenue
Beaver Falls, PA 15010
800.847.8255

*Courses listed are examples and subject to change. Your class schedule will be developed with an advisor and may differ from what is listed above.