Environmental Engineering Technology Major
Course Requirements
69-75 Program Credits

Support Group (28-31 cr)

MATH 171 Calculus I (5 cr) or MATH 161 Technical Calculus I (3 cr)
MATH 172 Calculus II (4 cr) or MATH 162 Technical Calculus II (3 cr)
MATH 201 Applied Statistics (3 cr) or MATH 301 Intro Prob & Statistics (3 cr)
PHYS 171 General Physics I (5 cr) or PHYS 191 General Physics I (5 cr)
BIO 104 Ecosphere in Crisis (4 cr) or BIO 105 Biological Concepts – Unity (4 cr)
CHEM 105 General Chemistry I (5 cr)
CHEM 106 General Chemistry II (5 cr)

Fundamentals Group (26 cr)

EGR 105 Engineering Fundamentals (3 cr)
EGR 110 Engineering Graphics (2 cr)
EGRT 118 Fluid Control (3 cr)
EGRT 201 Introduction to Air Quality (2 cr)
EGRT 202 Introduction to Water & Wastewater (3 cr)
EGRT 203 Introduction to Solid Waste (2 cr)
BIO 309 Bacteriology (5 cr)
GEOG 241 Introduction to Geographic Information Systems (3 cr)
GEOG 304 Principles of Soil Science (3 cr)

Advanced Study Group (15-18 cr)

Required:

EGRT 360 Project Management (3 cr)

Two or more of the following:

EGRT 301 Advanced Air Quality (3 cr)
EGRT 302 Advanced Water & Wastewater (3 cr)
EGRT 303 Advanced Solid Waste (3 cr)

Two or more of the following:

EGRT 371 Water Resources Engineering (3 cr)
EGRT 375 Renewable Energy (3 cr)
EGRT 377 Industrial Safety and Hygiene (3 cr)
EGRT 379 Environmental Law (3 cr)
EGRT 381 Environmental Data Analysis (3 cr)
GEOL 370 Hydrogeology Field Methods (2 cr)

One or more of the following:

EGR 400 Co-op or Internship (1-3 cr)
EGR 410 Capstone Project (3 cr)