ECOLOGICAL ENGINEERING (Recommended)

Academic Year: 2020-2021

FIRST YEAR

Fall (15 cr)  |  Winter (15 cr)  |  Spring (16 cr)
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BEE 101  |  BEE 102  |  BEE 103
Ecological Engineering I  |  Ecological Engineering II  |  Ecological Engineering III
F (3)  |  W (3)  |  S (3)

MTH 111

CH 231/261  |  CH 232/262  |  CH 233/263
Chemistry  |  Chemistry  |  Chemistry

MTH 251

MTH 252  |  MTH 254
Integral Calculus  |  Vector Calculus
F,W,S (4)  |  F,W,S (4)

WR 121

COMM 111/114

PH 211

English Composition  |  Speech  |  Physics
F,W,S (3)  |  F,W,S (3)  |  w/ Calculus

PH 212

Notes:
1. F,W,S: Represents the term the course is offered (Fall, Winter, Spring)
2. ( ): Represents the credits of the course
3. Arrows: Represents prerequisites and co-requisites for that course
4. * MTH 254 + MTH 265 was formerly offered as MTH 306
5. # Fulfills Social Processes & Institutions baccalaureate core category
6. ^ Fulfills either a Perspectives or Synthesis baccalaureate core category, dependent on course chosen

SECOND YEAR

Fall (14 cr)  |  Winter (16 cr)  |  Spring (15-16 cr)
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BEE 270  |  BEE 221  |  BEE 222
EcoE Ecology  |  EcoE Fundamentals  |  EcoE Computation
F (3)  |  W (3)  |  S (2)

MTH 254 (co)

ENGR 211

CH 231/261

MTH 251 & MTH 252 (co)

ST 314

MTH 254

ENGR 213

MTH 254

HHS 231

MTH 252

Statistics for Engineers
F,W,S (3)

ENGR 211

MTH 252

MTH 254

MTH 264 + MTH 265*

MTH 251

ETHICS^  |  Intro. Environ. Econ. & Policy  |  AEC 250#

WR 327

Technical Report Writing
F,W,S (3)

AEC 250#

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4. * MTH 254 + MTH 265 was formerly offered as MTH 306
5. # Fulfills Social Processes & Institutions baccalaureate core category
6. ^ Fulfills either a Perspectives or Synthesis baccalaureate core category, dependent on course chosen

Credits to graduate = 180
ECOLOGICAL ENGINEERING (Recommended)

Academic Year: 2020-2021

THIRD YEAR

Fall (16 cr)

- BEE 320 Systems Anal. Model. F (4)
- BEE 311 Fluid Mechanics F (4)
- MTH 112
- SOIL 205/206 Principles of Soil Science F,W,S (3/1)

Winter (14 cr)

- BEE 322 EcoE Thermo & Transfer Process W (4)
- FE 208 Forest Surveying F (4)

Spring (14 cr)

- BEE 361 EcoE Lab Course S (3)
- BEE 312 Ecohydrology W (4)
- Science Elective* F,W,S (3)

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3. Arrows: Represents prerequisites and co-requisites for that course
4. * Must take a minimum of 23 credits of upper division science and engineering electives (min. 13 engineering credits and min. 10 science credits)