ECOLOGICAL ENGINEERING

**FIRST YEAR**

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**Fall**
- BEE 101 or ENGR 111
- CH 231 + 261
- MTH 251
- WR 121

**Winter**
- COMM 111/114
- CH 232 + 262
- MTH 252
- Lifetime Fitness

**Spring**
- BEE 102 or ENGR 112
- CH 233 + 263
- MTH 254
- PH 211 Physics
- PH 212 Physics

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**SECOND YEAR**

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**Fall**
- BI 211 Principles of Biology
- SOIL 205 Soil Science
- MTH 256
- BEE 221 EcoE Fundamentals
- ST 314 Statistics for Engineers

**Winter**
- BI 212 Principles of Biology
- ENGR 211 Statics
- MTH 254 Co-Req
- MTH 306 Matrix & Power Series Methods
- WR 327 Technical Report Writing

**Spring**
- BI 213 Principles of Biology
- ENGR 213 Strength of Materials
- MTH 252
- BEE 221 EcoE Fundamentals
- ATS 210 Intro to Atmospheric Science

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- Shaded courses are required by the college prior to admission to the Professional Engineering Program.
- Shaded courses are additional prerequisites for third-year courses.
ECOLOGICAL ENGINEERING

Additional courses not requiring admission to the Professional Engineering Program

**NOTES:**

1. Starting Fall 2001, MTH 306 – Matrix and Power Series Methods (4), will replace MTH 253 – Infinite Series (4) (which is used for admission to the Professional Engineering Program) and MTH 341 – Linear Algebra (3) or equivalent.

2. ST 421 may be substituted for ST 314. However, this requires that ST 422 be taken as an upper division science elective.

3. OSU Baccalaureate Core requirement for a Biological Science course is met by BI 213.

4. OSU Baccalaureate Core Requirement for Synthesis – Science, Technology and Society is met by ENGR 350.

5. Credits to graduate = 192.