

ECOLOGICAL ENGINEERING (Recommended)

FIRST YEAR

Academic Year: 2017-2018

SECOND YEAR

Fall

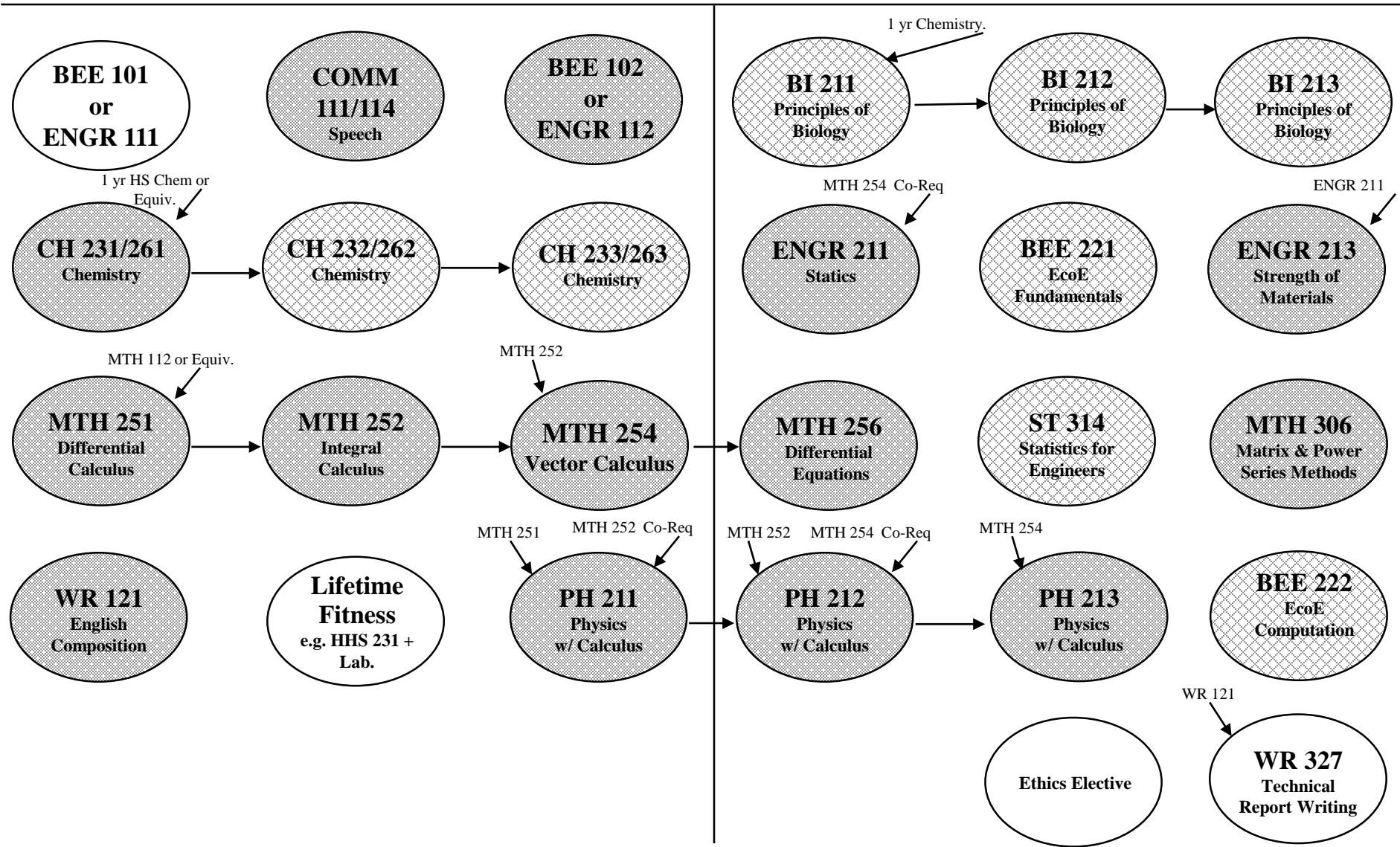
Winter

Spring

Fall

Winter

Spring



- 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 (Proposed)

Additional courses not requiring admission to the Professional Engineering Program

BI 370
Ecology

**SOIL
205/206**
Soil Science

ATS 320
The Changing
Climate

AREC 250
Intro. Environ.
Econ. & Policy

ENGR 391
Engineering
Economics

Perspectives
Western Culture

Perspectives
Cultural Diversity

Perspectives
Literature & Arts

Perspectives
Social Processes
& Institutions

**Difference,
Power &
Discrimination**

BI 211, BI 212, BI 213

Synthesis
Global Issues

Synthesis
Science Tech Soc

FE 257
GIS & Forest
Engng. App.

BI 370
Ecology

**Engineering
Elective**

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 IE 380.
5. OSU Baccalaureate Core Requirement for Perspectives – Western Culture is met by PHL 205
6. Credits to graduate = 192.