NATURAL RESOURCES AND ENVIRONMENTAL SCIENCE (NREV)

University regulations stipulate that at least 32 credits of 30000+ level Purdue courses must be successfully completed for a degree.

### COLLEGE CORE REQUIREMENTS:

**Agriculture** 10100(1) ___

**Biology**

Biol 11000(4) ___ and Biol 11100/BTNY 21000(4) ___

**Chemistry**

CHM 11100(3) ___ and CHM 11200(3) ___

**Mathematics**

MA 22300(3) ___ and MA 22400(3) ___

**STAT** 30100, 50100, or 50300(3) ___

**Written & Oral Communications (9-10)**

COM 11400(3) ___ and ENGL 10600(4) ___ and ASL or ENGL(20000+) or COM(20000+) (3) ___

### Social Science and Humanities (18)

12 CREDITS MUST BE COMPLETED OUTSIDE OF THE COLLEGE OF AGRICULTURE

3 CREDITS OF SOCIAL SCIENCE OR HUMANITIES MUST BE AT THE 30000+ LEVEL

**Economics**

AGEC 20300/20400/ ECON 25100 (3) ___

**Social Sciences (6)**

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**Humanities (6)**

__________________________________________

**Additional Social Sciences or Humanities (3)**

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### NRES CORE REQUIREMENTS:

**Basic Requirements (31-32)**

Ecology (5-6 credits) ___ and ___

FNR 21000, Nat. Res. Info Management (3) ___

CHM 25700, Organic Chem (4) ___

POL 22300, Env. Policy (3) ___

AGEC 40600, Natural Res. & Env. Econ. (3) ___

NRES 20000, Environ. Sci. Sem. (1) ___

NRES 25500, Soil Science (3) ___

NRES 23000, Meteorology (3) or AGRY 33500, Weather & Climate ___

NRES 28000, Haz. Waste Handling (3) ___

NRES 29000, Intro to Env. Science (3) ___

**Capstone Course or Experience** (0-3) ___

### Science Selectives (9) ___

__________________________________________

### Concentration Requirements/Selectives (19-21) ___

__________________________________________

### GENERAL ELECTIVES (18-23) ___

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Total Credits (132 required) ___

1May be used to fulfill College or Departmental requirements

2See list of Ecology Selectives on back of sheet

3May be replaced by CHM 25500/25500L

4See description on back of sheet

5See list of Science Selectives on back of sheet

(For students entering college Fall 2010 or later)
COMMONLY USED CORE COURSE SUBSTITUTIONS

Chemistry:
CHM 11500 and 11600 for CHM 11100 and 11200

Mathematics:
MA 16100 for MA 22300 and 22400 if MA 16200 or MA 22400 is used for science elective
MA 16500 for MA 22300 and MA 16600 for MA 22400

NRES Core Courses:
For CHM 25700: CHM 25500/25500L

SOME COMMONLY USED ELECTIVE/SELECTIVE COURSES

Additional Communications Electives: See list in current Ag catalog.

Humanities and Social Science Electives: See list in current Ag catalog. Note: If using a foreign language in this requirement, a minimum of six credits of the same language must be earned.

International Understanding Selectives: See list in current Ag catalog. Note: If using a foreign language in this requirement, a minimum of six credits of the same language must be earned.

Multicultural Awareness: (See list in current Ag catalog) or completion of an approved non-credit multicultural work experience (See details in current Ag catalog).

Capstone Course or Experience: To be completed either Junior or Senior year for 0-3 credits. Students may choose to take a course or complete an experience. Course options are NRES 47000 (Environmental Internship), NRES 49000 (Individual Research Project), EPICS 40100 or 40200 (Senior Participation in a Community Service Project). In a capstone experience, students will be challenged to integrate their accumulated knowledge and technical and social skills in order to identify and solve a problem relevant to issues encountered by professionals in their chosen discipline, and to communicate the results of their efforts to their peers.

Ecology Course Selectives:
AGRY 34900 (3) BIOL 58500 (3) ENTM 31100 (3) FNR 35900 (3)
BIOL 12100 (2) BTNY 21100 (3) FNR 20100 (3)
BIOL 28600 (2) BTNY 30200 (3) FNR 24100 (3)
BIOL 48300 (3) EEE 30000 (3) FNR 25100 (3)

NRES Science Selectives:
AGRY 32000, 32100, 38500 CS 15800, 18000
BCHM 30700, 30900, 32000 EAS 11100, 24300, 24400, 30100, 31300,
BIOL 12100, 13100, 13500, 13700, 13900, HORT 30100
BIOL 20300, 20400, 22100, 23000, 23100, MA 26100, 26200
BIOL 23200, 24100, 24200, 28600, 28900 PHYS 17200, 24100
BTNY 21100, 30100, 30500, 31600, 35000 STAT 50200, 51200, 51400
CHM 22400, 25600/25600L, 32100, 33300, 37200

Electives:
Additional specialization, broadening and technical courses, ROTC, Band