

ECOLOGY, EVOLUTION AND ENVIRONMENTAL BIOLOGY

- A minimum 2.0 average in all biology courses required for this major is necessary to graduate
- A minimum of 32 credits at or above the 300-level must be completed at a Purdue campus
- At least one 500-level Biology course other than BIOL 500 or 542 must be completed for graduation
- 124 Total Credits are necessary to graduate

BIOLOGY

First Year

Second Year

Core:

- | | |
|--|--|
| 1. BIOL 121 (2) (fall) and BIOL 131 (3) (spring)
2. BIOL 136, 137, 138, 139 (1 credit each)
(two of the four each semester; may be taken in any order) | 1. BIOL 231 (3) BIOL 232 (2) (fall)
2. BIOL 241 (3) BIOL 242 (2) (spring) |
|--|--|

Other Required Biology:

- | | |
|-----------------|--|
| 1. BIOL 580 (3) | 3. BIOL 592 (3) <u>or</u> 595G (3) <u>or</u> 597 (3) |
| 2. BIOL 585 (3) | 4. BIOL 394 (1) <u>or</u> 494 (1) <u>or</u> 499 (1) <u>or</u> 591 ¹ (4) |

Biology Electives: (Select **seven** or more credits)²

BIOL 415 (3), 438 (3), 439 (2), 444 (3), 478 (3), 481 (3), 483 (3), 493 (3), 515 (2), 541 (3), 549 (2), 562 (3), 591 (4), 592 (3), 595G (3), 597 (3), BCHM 562 (3), ANSC 511 (3), ANTH 435 (3), BTNY 555 (3), EAS 572 (3), ENTM 500 (4), FNR 501 (3), 543 (3), 544 (3), 547 (3), 581 (3)

MATHEMATICS

MA [161 (5) and 162 (5)] or [165 (4) and 166 (4)] or [223 (3) and 224 (3)] or 173 (5)

Math Electives: (select **one** if MA 161-162 or 165-166 or 173 is chosen; **two** if MA 223-224):
C S 177 (4) or 158 (3) or 154 (3); STAT 311 (3), [503 (3) or 511 (3)]; MA 261 (4)

CHEMISTRY

General:

- | | |
|----------------|----------------|
| 1. CHM 115 (4) | 2. CHM 116 (4) |
|----------------|----------------|

Organic:

- | |
|--|
| 3. a. CHM 255 (3) and 255L (1), 256 (3) and 256L (1) <u>or</u>
b. CHM 261 (3) and 263 (1), 262 (3) and 264 (1) <u>or</u>
c. CHM 257 (4) and 257L (1) and either CHM 333 (3) <u>or</u> BCHM 307 (3) |
|--|

One course from:

- | |
|--|
| 4. a. Analytical: BCHM 221 (3), CHM 224 (4), 321 (4)
b. Biochemistry: BCHM 561 ³ (3), CHM 533 ³ (3)
c. Physical: CHM 372 ⁴ (4), 373 ⁴ (3) |
|--|

PHYSICS

1. PHYS [220 (4) and 221 (4)] or [152 (4) and 241 (3) and 252 (1) and 290D⁴ (1)]

ENGLISH

1. ENGL 106 (4) or 108 (3)
2. Choose one: ENGL 205, 304, 306, 309, 406, 419, 420, 421, 424 (3 credits each)

LANGUAGE

- | | |
|-------------------------------|----------------------------------|
| 1. 101 <u>or</u> 103 (both 3) | 2. 102 (3) (Unless 103 is taken) |
| 3. 201 (3) | 4. 202 (3) |

GENERAL EDUCATION Consult the College of Science General Education Handout.

FREE ELECTIVES

Approximately 5 - 14 credits

¹ BIOL 591 may be used as Requirement 4, or as 4 credits of BIOL elective, or as 3 credits of BIOL elective plus Requirement 4.

² Other courses related to conservation and environmental concerns may be allowed to satisfy the biology elective requirement. See your academic advisor to discuss additional possibilities.

³ BCHM 561 or CHM 533 may be used to fulfill the quantitative chemistry requirement or as a biology elective but not both.

⁴ Students who complete a course in physical chemistry (CHM 372 or 373) are automatically exempt from PHYS 290D.