

**Advising for Secondary Education Dual Major with Environmental Biology Major**

**(Indiana Life Science Grades 5-12) revised 5/2020**

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| **Core Curriculum Requirement (CCRs)** | **Units Req.** | **Course** |
| FY Experience/FY Seminar  | 0.5 |  |
| LA-Literary and Artistic Perspectives #1 | 1 |  |
| LA-Literary and Artistic Perspectives #2 | 1 |  |
| HS-Historical and Social Perspectives #1 | 1 |  |
| HS-Historical and Social Perspectives #2 | 1 |  |
| RP- Philosophical Perspectives | 1. |  |
| RP-Religious Perspectives | 1 |  |
| SL-Algorithmic Methods | 1 |  |
| SM-Mathematical Methods | 1 |  |
| SM- Scientific Methods | 1 |  |
| WL-World Languages and Cultures #1 | 1 |  |
| WL-World Languages and Cultures #2 (sequential) | 1 |  |
| AF-Health and Fitness (Applied) #1 | .25 |  |
| AF-Health and Fitness (Applied) #2 | .25 |  |
| **Total CCR units** | **12 units** |  |
| **Areas of Competency and Engagement (ACES)** |  | **Course** |
| W1-Writing  | 1 |  |
| W2-Writing | 1 |  |
| S-Speaking | 1 |  |
| CP-Cultural Perspectives | 1 |  |
| QL- Quantitative Reasoning | 1 |  |
|  | **5 units** |  |

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| **Educator Prep. Certification Requirements with Secondary Education** | **Units Req.** | **Course Semester** |
| EDU 221 Education and the American Culture | 1 |  |
| EDU 231 Education Law and Ethics | 1 |  |
| EDU 252 Professional Collaboration | 1 |  |
| EDU 255 Classroom Management & PBIS | 1 |  |
| EDU 226 Integrating Technologies in Instruction | 1 |  |
| **EDU 312 Urban Teaching** | 1 |  |
| **EDU 314 Teaching Middle School (EDU Admission Required)** | 1 |  |
| **EDU 315 Teaching High School (EDU Admission Required)** | 1 |  |
| **EDU 337 Secondary Methods in Sciences (EDU Admission Required)** | 1 |  |
| **EDU 455 Student Teaching in Secondary Schools (EDU Admission Required)** | 4 |  |
| **EDU 461 Senior Seminar** | 1 |  |
| **EDU 499 Comprehensive Examination** | - |  |
| **Cognate Courses (Required)** |  |  |
| PSY 111 Basic Principles of Psychology | 1 |  |
| PSY 244 Childhood and Adolescence | 1 |  |
| Dual Secondary Education Major and Licensing Certification | **16 total** |  |

**Optional Dual Certification in Special Education/Mild Interventions Available (5 units)**

***\*See Teaching Diverse Learners Program Advising Sheet***

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| **Environmental Science (Environmental Bio Track Major Requirements)** *\*no more than 1 unit of any combination BIO 308/309/380 can count toward graduation.* | **Units**  | **Course Semester** |
| BIO 161 | 1 |  |
| BIO 185 | 1 |  |
| BIO 221 | 1 |  |
| BIO231 | 1 |  |
| **BIO 235 REQUIRED FOR EDU CERTIFICATION** | 1 |  |
| **BIO 326 or 336 REQUIRED FOR EDU CERTIFICATION** | 1 |  |
| **BIO elective**  | 1 |  |
| **BIO elective** | 1 |  |
| ENV 201(must be taken in year 1 or 2)  | .25  | Offered Winter Term Only |
| ENV 265 Global Environmental Change | 1 |  |
| ENV 401 Environmental Science Senior Seminar | .25 |  |
| ENV 457 or ENV 471 (Culminating Experience) | 1 |  |
| ENV 499 Comprehensive Examination | - |  |
| *\*\*NO MORE THAN 1 CREDIT IN ANY COMBO OF BIO 308,309, 380* |  |  |
| **COGNATE COURSES** |  |  |
| CHE 161 | 1 |  |
| GEO 16X or GEO 221 OR 241 | 1 |  |
| **Total for Environmental Science (BIO Track) major** | **12.5 TOTAL** |  |

***Please refer to the academic catalog for complete details on graduation requirements.***

***While the academic advisors and other personnel are available for assistance, the primary responsibility for taking appropriate and required courses to meet graduation requirements rests with the student.***

***Compliance with REPA content and pedagogy established by the Indiana Department of Education and the National Science Teachers Association (NSTA) and is required by the Educator Preparation Program’s policies, curricula, and course content regardless of the student’s admission date in the program.***

**REVIEWED WITH ENVIRONMENTAL SCIENCE DEPARTMENT \_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NOTES:**