

**Advising for Secondary Education Dual Majors with**

**Mathematics Major (Indiana 5-12 Mathematics) 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 | 0.25 |  |
| AF-Health and Fitness (Applied) #2 | 0.25 |  |
| **Total CCR units** | **1 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** |  |

**\*Recommended courses are: PHY 162, PHI 321 (PHI 234 REQUIRED for EDU Certification)**

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| **Requirements for Licensing Certification with Dual Secondary Education Major** | | **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** | |  | |  | |
| **EDU 314 Teaching Middle School (EDU Admission Required)** | | 1 | |  | |
| **EDU 315 Teaching High School (EDU Admission Required)** | | 1 | |  | |
| **EDU 335 Secondary Methods in Mathematics (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** | |  | |

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| **Mathematics Major Requirements** | **Units** | **Course Semester** |
| \*Math Placement Test required – preparatory courses do not count toward the Mathematics major |  |  |
| MAT 121 or equivalent | 1 |  |
| MAT 122 | 1 |  |
| **MAT 220 OR 243 REQUIRED FOR EDUCATION CERTIFICATION** | **1** |  |
| MAT 221 | 1 |  |
| MAT 224 | 1 |  |
| MAT 324 | 1 |  |
| MAT 327 | 1 |  |
| **MAT 311 (300 level elective) required** | **1** |  |
| **MAT 339 REQUIRED FOR EDUCATION CERTIFICATION (ADD’L)** | **1** |  |
| MAT 461 or 471 (Culminating Experience) | 1 |  |
| MAT 499 (Comprehensive Examination) | - |  |
| **Cognate Courses** |  |  |
| CS 220 | 1 |  |
| PHI 234 | 1 |  |
| **4 ALEKS units will be assigned to meet REPA standards 4.3, 4.4, 4.7, 7.7** | **12**  **TOTAL** | **12 = 10 FOR MATH + 2 FOR EDUCATION CERTIFICATION** |

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

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

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, National Council of Teachers of Mathematics (NCTM) 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 MATHEMATICS DEPARTMENT \_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NOTES:**