

Advising for Secondary Education Certification
 Indiana P-12 Mathematics (Mathematics Major)



General Education Requirements -13 units

| Core Curriculum Requirement (CCRs) | Units Req. | Course |
|---|-----------------|--------|
| FY Experience/FY Seminar | 0.5 | |
| LA-Literary and Artistic Perspectives #1 | 1.0 | |
| LA-Literary and Artistic Perspectives #2 | 1.0 | |
| HS-Historical and Social Perspectives #1 | 1.0 | |
| HS-Historical and Social Perspectives #2 | 1.0 | |
| RP- Philosophical Perspectives | 1.0 | |
| RP-Religious Perspectives | 1.0 | |
| SL-Algorithmic Methods | 1.0 | |
| SM-Mathematical Methods | 1.0 | |
| SM- Scientific Methods | 1.0 | |
| WL-World Languages and Cultures #1 | 1.0 | |
| WL-World Languages and Cultures #2 (sequential) | 2.0 | |
| AF-Health and Fitness (Applied) #1 | 0.25 | |
| AF-Health and Fitness (Applied) #2 | 0.25 | |
| Total CCR units | 13 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 | |

| Educator Prep. Certification Requirements | Units Req. | Course Semester |
|---|-----------------|-----------------|
| EDU 221 Education and the American Culture | 1 | |
| EDU 231 Education Law and Ethics | 1 | |
| 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 | |
| Cognate Courses (Required) | | |
| PSY 111 Basic Principals of Psychology | 1 | |
| PSY 244 Childhood and Adolescence | 1 | |
| | 11 total | |

Optional Dual Licensure in Special Education Available (5 units)

**See Teaching Diverse Learners Program Advising Sheet*

Optional Dual Major in Secondary Education Available

**See Mathematics and Secondary Education Dual Majors Advising Sheets*

| Mathematics Major Requirements | Units | | Course Semester |
|---|--------------|--|-----------------|
| *Math Placement Test required – preparatory courses do not count toward the Mathematics major | | | |
| MAT 112/112 or 121 or equivalent | 1 | | |
| MAT 122 | 1 | | |
| MAT 220 or 243 | 1 | | |
| MAT 221 | 1 | | |
| MAT 224 | 1 | | |
| MAT 324 | 1 | | |
| MAT 327 | 1 | | |
| MAT Elective #1 | 1 | | |
| MAT Elective #2 (300 level or higher) *MAT 339 req, EDU cert. | 1 | | |
| MAT 461 or 471 (Culminating Experience) | 1 | | |
| MAT 499 (Comprehensive Examination) | - | | |
| | | | |
| | | | |
| Cognate Courses | | | |
| CS 220 | 1 | | |
| | | | |
| Total for Mathematics Major | 11 | | |
| | TOTAL | | |

*Recommended courses are: PHY 162, PHI 321

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 regulations established by the Indiana Department of Education may alter the Education Department policies, curricula, and course content regardless of the student's enrollment date in the program.

NOTES: