# Mathematics Education <br> License: Mathematics 

## Grade Level 5-12 <br> REPA 3

## Purdue University Course Catalog 2023-2024



All Professional Education courses, including University Concentrations courses, are calculated into the Professional Education GPA. Professional Education GPA must be 3.00/4.00 with no grade lower than a C.

Required for TEP Admission
EDCI $20500 \quad$ Exploring Teaching as a Career 2

EDCI 28500 Multiculturalism and Education 2
EDST 20010 Educational Policies and Laws 1

Core Courses

| EDCI | 27000 | Introduction to Education Technology and Computing |
| :--- | :--- | :--- |

EDCI 30900 Reading in Middle and Secondary Schools: Methods and Problems 1
EDCI 35000 Community Issues and Applications for Educators 1
EDCI 37001 Teaching and Learning English as a New Language 2
EDPS 23500 Learning and Motivation 2
EDPS 24000 Children with Gifts, Creativity, and Talents 1
EDPS 24800 Differentiating Curriculum and Instruction 1
EDPS 26501 The Inclusive Classroom 2
EDPS 32700 Classroom Assessment 1
EDPS 36201 Positive Behavioral Supports 2
EDPS 43010 Secondary Creating and Managing Learning Environments 1
EDCI/ EDPS 20001 Special Pop Sem: Focus on Students with Disabilities and Differentiation OR 1
Special Pop Sem: Focus on Students with Disabilities and Differentiation
EDCI/ EDPS 20002 Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gift

## Methods Courses

EDCI 42500 Teaching Of Secondary Mathematics - Methods I 3

EDCI 42600 Teaching Of Secondary Mathematics - Methods II 3

## Student Teaching

Completion of education methods courses and other Milestone requirements for the major area and admittance to teacher education required prior to this course.
EDPS 49800 Supervised Teaching 12

## University Concentrations

Choose one course from the concentrations below that was not already taken as a required course. Students can elect to take additional coursework to complete a full concentration if they choose, but it is not required.

English Language Learners (Licensure Eligible)
EDCI 37001 Teaching and Learning English as a New Language 2-3

EDCI 51900 Teaching Enlish Language Learners 3
EDCI 52600 Language Study for Educators 3

| EDCI | 55900 | Academic Langague and Content Area Learning |  | 3 |
| :---: | :---: | :---: | :---: | :---: |
| EDCI/ EDPS | 20002 | Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts |  | 1 |
| High Ability (Licensure Eligible) |  |  | 13-15 |  |
| All courses must be completed with a B-or better average |  |  |  |  |
| EDCI/ EDPS | 20001 | Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation |  | 1 |
| EDCI/ EDPS | 20002 | Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts |  | 1 |
| EDPS | 24800 | Differentiating Corriculum and Instruction |  | 1 |
| EDPS | 49500 | Practicum in Gifted, Creative, and Talented Education |  | 3 |
| EDPS | 54200 | Curriculum and Program Development in Gifted Education |  | 3 |
| EDPS | 54500 | Social and Affective Development of Gifted Students |  | 3 |
| Select one |  |  |  |  |
| EDPS | 24000 | Children with Gifts, Creativity, and Talents OR |  | 1 |
| EDPS | 54000 | Gifted, Creative, and Talented Children |  | 3 |
| Special Education (Non-Licensure) |  |  | 12-13 |  |
| EDCI/ EDPS | 20001 | Special Pop Sem: Focus on Students with Disabilities and Differentiation OR Special Pop Sem: Focus on Students with Disabilities and Differentiation |  | 1 |
| EDCI/ EDPS | 20002 | Special Pop Sem: English Lang Learners and Students with Gifts OR Special Pop Sem: English Lang Learners and Students with Gifts |  | 1 |
| EDPS | 21100 | Special Edcation Law, Policy, and Ethical Guidelines |  | 3 |
| EDPS | 26501 | The Inclusive Classroom |  | 2 |
| EDPS | 36201 | Positive Behavioral Supports |  |  |
| EDPS | 41700 | Special Education Knowledge and Skills for General Educators |  | 3 |
| Applied Behavioral Analysis (Non-Licensure) |  |  | 12 |  |
| EDPS | 34100 | Introduction to Philosophical Underpinningd and Concepts of Behavior |  | 3 |
| EDPS | 34200 | Applied Behavior Analysis - Assessment and Intervention |  | 3 |
| EDPS | 44100 | Introduction to Ethics and Practice of Applied Behavior Analysis |  | 3 |
| EDPS | 44200 | Advanced Intervention in Applied Behavior Analysis |  | 3 |

## Licensure Information

All Purdue University Program and Indiana Department of Education requirements must be met for recommendation for Indiana licensure.

After all requirements are met, Purdue graduates will be considered eligible to apply to the Indiana Department of Education for licensure under REPA 3 in:

Mathematics (5-12)
Addition in Blended and Online Teaching (5-12)
Optional: Addition in High Ability (P-12) or ELL (P-12) if chosen university concentration requirements are Visit the Indiana Department of Education website for more information about what courses can be taught once licensed in this area.

Please reference the 2023-2024 Mathematics Education Guidelines and Requirements and the 2023-2024 Mathematics Education Checklist for more information.

