# B.S. EDUCATION: EXCEPTIONAL NEEDS-EARLY & LATE ADOLESCENCE (MATH OR SCIENCE)

This Bachelor of Science in Education degree enables you to teach exceptional needs students, mild intervention in the Middle School/ Junior High or High School setting (Grades 5-12). Course requirements for this program are valid at IUB as reflected in the School of Education Bulletin. A four year college plan requires completion of 15 credits each semester through the Community of Teachers Program (CoT). A 2.5 GPA overall is required for retention and graduation. A total of 120 credits is required for graduation.

## Admission to CoT Program

1. Admission to Indiana University
3. Interview with CoT Faculty & students.

## PREREQUISITES FOR ADMISSION TO THE TEP

(Competitive enrollment. Meeting minimum requirements does not guarantee enrollment in authorized courses.)

1. Complete the basic skills testing requirement by using any of the following options:
   - Qualifying scores on CASA
     - Reading 220, Math 220, Writing 220
   - SAT combined score of at least 1100
     - Sum of MA + VE = 1100
   - ACT composite score of at least 24
     - Sum of EN + MA + RE + SR scores divided by 4 = 24
2. 2.5 GPA overall.
3. 21 credits and a 2.5 GPA in the content field with at least 15 credits completed and 6 credits in progress. Grade of C minus or higher is required in each content field course.
4. Completion of or enrollment in prerequisites. **Note:** students must be admitted to the CoT program to enroll in the following classes with the exception of EDUC-K 205.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EDUC-K 205 Introduction to Exceptional Children (S&amp;H)</td>
<td>3</td>
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<tr>
<td>EDUC-K 343 Education of Socially &amp; Emotionally Disturbed I (Spring only)</td>
<td>3</td>
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<tr>
<td>EDUC-K 361 Assistive Technology (Fall only)</td>
<td>3</td>
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<tr>
<td>EDUC-K 362 Team Approaches to the Education of Students with Disabilities (Fall only)</td>
<td>3</td>
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<tr>
<td>EDUC-K 405 Building Inclusive Middle &amp; Secondary Schools (Fall only)</td>
<td>1</td>
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<tr>
<td>EDUC-S 400 Field Based Seminar in Teacher Education</td>
<td>4</td>
</tr>
</tbody>
</table>

5. 5 of 16 portfolio expectations completed and documented.
6. Application Deadlines for
   - **Mathematics:** October 1 to take CoT spring only authorized courses that require completion of TEP prerequisites and to take EDUC-M 422 Fall semester.
   - **Science:** October 1 to take in CoT spring only authorized courses that require completion of TEP prerequisites and to take EDUC-M 446 Fall semester.
7. Submit TEP Application Online: [https://info.educ.indiana.edu/teachered/](https://info.educ.indiana.edu/teachered/)

## ADMISSION TO THE TEP

- Oral Expression (Select one) 3 credits
  - ANTH-A 122 Interpersonal Communication (S&H) 3
  - COLL-P 155 Public Oral Communication 3
  - EDUC-G 203 Comm. for Youth Serving Professionals (S&H) 3

- English Composition (EC) (Select one) 0-3 credits
  - A grade of C or higher required
  - CMLT-C 110 Writing the World 3
  - ENG-W 131 Reading, Writing & Inquiry I OR ENG-W 131EX Elementary Composition-Exempt 0
  - ENG-W 170 Intro to Argumentative Writing-Projects in Reading & Writing 3

- Intensive Writing Course (IW) (Select one) 3 credits
  - EDUC-H 205 Intro to Educational Thought (P: English comp) (S&H) 3
  - EDUC-H 340 Education & American Culture (P: English comp & Sophomore status) 3
  - College of Arts & Sciences designated Intensive Writing course 3

- Mathematical Modeling (MM) (Select one) 3-4 credits
  - MATH-M/S/V 118 Finite Mathematics 3
  - MATH-D 116 Intro to Finite Mathematics I AND MATH-D 117 Intro to Finite Mathematics II (P: D116) 2
  - MATH-J 113 Intro to Calculus with Applications 3
  - MATH-M 119 Brief Survey of Calculus I 3
  - MATH-M/S 211 Calculus I 4

- Arts & Humanities (A&H) 6 credits
  - Complete at least 2 courses for a total of at least 6 credits.
    - __________________________

- Social & Historical Studies (S&H) 6 credits
  - Complete at least 2 courses for a total of at least 6 credits.
    - __________________________

- Natural & Mathematical Sciences (N&M) 5+ credits
  - Complete ONE of the following options.
Option I: Complete at least 2 courses for a total of at least 5 credits. At least 1 of these courses must be a Natural Science (\* \*) course.

- ______________________  
- ______________________

Option II: Complete a 5 credit science course.

- ______________________

(Option III: This course may be completed abroad in a duration of at least 6 credits & at least 6 weeks abroad in duration. (The class taken to fulfill the Mathematical Modeling requirement cannot be counted towards the 5+ credits needed to fulfill the N&M requirement.)

Option I: Language Study (WL): Complete the study of an approved single language through the second semester of the second-year level of college-level coursework.

- ______________________  
- ______________________

Option II: World Culture (WC): Complete at least 2 courses for a total of at least 6 credits.

- ______________________

Option III: International Experience (IE): Complete an approved study abroad program or internship of at least 6 credits & at least 6 weeks abroad in duration.

- ______________________

Information Fluency (IF)  0 credits

Fulfilled by completion of Expectations 0

Diversity in the U. S. (D)  0 credits

Fulfilled by completion of Expectations 0

Enriching Educational Experiences (EEE)  10 credits

EDUC-K 488  Student Teaching: Secondary  10

II. PROFESSIONAL EDUCATION  60+ credits/2.5 GPA
(A grade of C or higher is required in each course listed below.)

Required Non-Authorized Course  3 credits

This course must be taken before admission to CoT

EDUC-K 205  Intro to Exceptional Children (S\&H)  3  
(Recommended Fall semester sophomore year)

Prerequisite courses for Admission to the TEP  20+ credits

These courses must be taken after admission to the CoT Program.

EDUC-K 343  Ed Soc & Emotionally Disturbed I (Spring only) (P: EDUC-K 205 or Department Consent)  3  
EDUC-K 361  Assistive Technology for Elementary (Fall only) (P: EDUC-K 343)  3  
EDUC-K 362  Team Approach to the Ed. of Students with Disabilities (Fall only) (P: EDUC-K 343)  3  
EDUC-K 405  Building Inclusive Md./Sec. Schools (Fall only) (P: EDUC-K 343)  1 + 1  
EDUC-S 400  Field Based Seminar in Teacher Ed. (Must be taken at least 1 semester for 4 credits before admission to TEP.) (Students must register for 4 or 5 credits of EDUC-S400 each semester. In addition, students must complete at least 1 semester of 5 credits before student teaching.)  9+

TEP Non-Authorized Courses  12 credits

Admission to the TEP is required before enrolling in any of the EDUC-K courses listed below.

These courses must be taken before student teaching.

EDUC-K 344  Education of the Socially and Emotionally Disturbed II (Spring only) (P: EDUC-K 343)  3  
EDUC-K 352  Education of Students with Learning Disorders (Fall only) (P: EDUC-K 371)  3  
EDUC-K 371  Assessment & Individualized Instruction in Reading & Math (Spring only) (P: EDUC-K 362)  3  
EDUC-K 441  Transition Across the Life Span (Spring only) (P: EDUC-K 362)  3  

TEP Authorized Courses  25 credits

Content Methods

- Must be admitted to the TEP before enrolling in these courses.
- 5 of 16 portfolio expectations completed and documented before enrolling in Teacher Education Program Authorized course(s).
- Field Experience is incorporated in the EDUC-S 400; Field Based Seminars and Apprenticeship.
- Students may add an additional semester(s) between the completion of Content Methods and Student Teaching.

Mathematics

EDUC-M 422  Teach. Math in the Secondary School (Fall only)  3  
EDUC-M 464  Methods of Teaching Reading  3  

Science

EDUC-M 446  Meth. of Teach. Jr/Md/Sr High Science (Fall only)  3  
EDUC-M 464  Methods of Teaching Reading  3  

Student Teaching

- Students must register for 4 credits of EDUC-S400 each semester. (Students must complete at least 1 semester of 5 credits before student teaching.)
- All professional ed courses must be completed before student teaching.
- 10 portfolio expectations completed & documented before student teaching.
- Students may not enroll in other classes while completing student teaching. (Exception: EDUC-M 202 Job Search Strategies for Educators)

EDUC-K 488  Student Teaching in Special Education (EEE)  10  
EDUC-M 470  Practicum in Content Field Area  6  

- Students are eligible for a teaching license upon completion and documentation of all 16 portfolio expectations.
Complete one of the following subject areas.

**II. MATH CONTENT**
26-27 credits/2.5 GPA
(A grade of C minus or higher is required in each course.)
(Check with the department regarding when courses will be offered.)

- **Elementary Mathematics with Finite** 9-10 credits
  - EDUC-N 101 Teach & Learn Elem Math I **OR**
  - MATH-T 101 Math for Elementary Teachers I (Grade of C or higher required)
  - MATH-M/S/V 118 Finite Math (MM) **OR**
  - MATH-D 116 & 117 Intro to Finite Math I & II (MM) 2+2
  - EDUC-N 103 Teach & Learn Elem Math II (P: C or higher in N101 or T101) **OR**
  - MATH-T 103 Math for Elementary Teachers III (P: C or higher in N101 or T101)

- **Analysis** 8 credits
  - MATH-M/S 211 Calculus I (MM, N&M) 4
  - MATH-M/S 212 Calculus II (P: M/S211) (N&M) 4

- **Electives** 9 credits
  - Complete 9 additional credits of math electives. To be chosen from 300-400 level math courses. (The following courses are recommended: MATH-K300 or M365; M330; M380; or T336)
    - __________  __________  __________

**II. SCIENCE CONTENT**
25 credits/2.5 GPA
(A grade of C minus or higher is required in each course.)
(Check with the department regarding when courses will be offered.)

- **Biology** 6 credits
  - BIOL-E/L 111 Foundations of Biol: Diversity, Evolution & Ecology (N&M) 3
  - BIOL-E/L 112 Foundations of Biol: Biological Mechanisms (P: HS or college chemistry) (N&M) 3

- **Chemistry** 5 credits
  - CHEM-C 117 Principles of Chemistry & Biochemistry I (P: Chemistry & Math Placement Exams, & consent of department) (N&M) AND
  - CHEM-C 127 Principles of Chemistry & Biochemistry I Lab (P/C: C117) OR
  - CHEM-S 117 Principles of Chemistry & Biochemistry I – Honors (P: Chemistry & Math placement exams & consent of department) (N&M) 5

- **Physical Science** 6 credits
  - GEOG-G 107 Physical Systems of the Environment (N&M) 3
  - GEOL-G/S 103 Earth Science: Materials & Processes (N&M) **OR** 3
  - GEOL-G 104 Evolution of the Earth (N&M) **OR**
  - GEOL-G 105 Earth: Our Habitable Planet (N&M)

- **History & Philosophy of Science** 3 credits
  - HPSC-X 100 Human Perspective on Science **OR** 3
  - HPSC-X 102 Science Revolutions: Plato to NATO (S&H, WC) **OR**
  - HPSC-X 200 Scientific Reasoning (N&M) **OR**
  - HPSC-X 222 Big Science in the 20th Century (S&H)

- **Physics** 5 credits
  - PHYS-P 201 General Physics I (P: M 26 or HS equiv.) (N&M) 5
    - OR
  - PHYS-P 221 Physics I (C: MATH-M/S 211 or consent of the instructor)

**IV. ELECTIVES** (To total 120 credits)