

This program sheet is effective for all students starting at IUB beginning summer 2018.



INDIANA UNIVERSITY

SCHOOL OF EDUCATION  
Office of Teacher Education  
Bloomington

## 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.

May 2018

### ADMISSION TO CoT PROGRAM

1. Admission to Indiana University
2. Sign up for an interview with CoT: <http://go.iu.edu/1YLF>
3. Interview and be invited to join

### 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 MA+VE score of at least 1100 if test taken prior to March 1, 2016
  - SAT combined MA+VE score of at least 1170 if test taken on or after March 1, 2016
  - 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 (C-) 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.)

<u>Courses</u>	<u>Credits</u>
EDUC-G 203 <i>Communication for Youth Serving Professionals (S&amp;H)</i>	3
EDUC-K 205 <i>Introduction to Exceptional Children (S&amp;H)</i>	3
EDUC-K 343 <i>Education of Socially &amp; Emotionally Disturbed I (Spring)</i>	3
EDUC-K 361 <i>Assistive Technology (Fall)</i>	3
EDUC-K 362 <i>Team Approaches to the Education of Students with Disabilities (Fall)</i>	3
EDUC-K 405 <i>Building Inclusive Middle &amp; Secondary Schools (Fall)</i>	1
EDUC-S 400 <i>Field Based Seminar in Teacher Education</i>	4

5. 5 of 16 portfolio expectations completed and documented.
6. TEP application deadlines for:
  - Mathematics:** October 1 to enroll in CoT spring term professional education courses.
  - Science:** October 1 to enroll in CoT spring term professional education courses.
7. Access TEP Application at: <https://education.indiana.edu/>

### I. IUB & SCHOOL OF EDUCATION GENERAL EDUCATION REQUIREMENTS

<https://gened.indiana.edu/approved-courses/index.html>

Careful selection & completion of courses with a grade of "C" or higher may allow double counting within General Education, Professional Education and/or Content Field. If you earn a grade lower than a C, please consult with an academic advisor.

#### English Composition (EC) (Select one) 0-3 credits A grade of C or higher required

CMLT-C 110	<i>Writing the World</i>	3
ENG-W 131	<i>Reading, Writing &amp; Inquiry I OR</i>	3
ENG-W 131EX	<i>Elementary Composition-Exempt</i>	0
ENG-W 170	<i>Intro to Argumentative Writing-Projects in Reading &amp; Writing</i>	3

#### Intensive Writing Course (IW) (Select one) 3 credits

EDUC-H 205	<i>Intro to Educational Thought (P: English Comp.) (S&amp;H)</i>	3
EDUC-H 340	<i>Education &amp; American Culture (P: Soph. status)</i>	3
College of Arts & Sciences designated Intensive Writing course		3
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#### Mathematical Modeling (MM) 3-4 credits

Complete at least 1 course for at least 3 credits.

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#### Arts & Humanities (A&H) 6 credits

Complete at least 2 courses for a total of at least 6 credits.

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- \_\_\_\_\_

#### Social & Historical Studies (S&H) 6 credits

Complete at least 2 courses for a total of at least 6 credits.

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- \_\_\_\_\_

#### 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.

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- \_\_\_\_\_

**Option II:** Complete a 5 credit science course.

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(The class taken to fulfill the Mathematical Modeling requirement cannot be counted towards the 5+ credits needed to fulfill the N&M requirement.)

<b>World Languages (WL)/World Cultures (WC)</b>	<b>6 credits</b>
Complete <u>ONE</u> of the following options.	

**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.

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

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**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.

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<b>Information Fluency (IF)</b>	<b>0 credits</b>
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Fulfilled by completion of Expectations 0

<b>Diversity in the U. S. (D)</b>	<b>0 credits</b>
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Fulfilled by completion of Expectations 0

<b>Enriching Educational Experiences (EEE)</b>	<b>10 credits</b>
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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 EDUC course.**  
**The following courses must be successfully completed before student teaching.**

<b>26+ credits</b>
<b>These courses must be taken before admission to the CoT Program.</b>

EDUC-G 203 *Communication for Youth Serving Professionals (S&H)* 3

EDUC-K 205 *Intro to Exceptional Children (S&H) (Recommended Fall semester Soph. year)* 3

<b>These courses must be taken after admission to the CoT Program.</b>
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EDUC-K 343 *Ed Soc & Emotionally Disturbed I (Spring) (P: Department Consent)* 3

EDUC-K 361 *Assistive Technology for Elementary (Fall) (P: Department Consent)* 3

EDUC-K 362 *Team Approach to the Ed. of Students with Disabilities (Fall) (P: Department Consent)* 3

EDUC-K 405 *Building Inclusive Md./Sec. Schools (Fall) (P: Department Consent)* 1 + 1

EDUC-S 400 *Field Based Seminar in Teacher Education* 9+  
 Must be taken at least one (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 one (1) semester of 5 credits before student teaching.

<b>Admission to the Teacher Education Program (TEP) is required before enrolling in the courses listed below. These courses must be taken before student teaching.</b>	<b>34 credits</b>
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EDUC-K 344 *Education of the Socially and Emotionally Disturbed II (Spring) (P: Department Consent)* 3

EDUC-K 352 *Education of Students with Learning Disorders (Fall) (P: Department Consent)* 3

EDUC-K 371 *Assessment & Individualized Instruction in Reading and Math (Spring) (P: Department Consent)* 3

EDUC-K 441 *Transition Across the Life Span (Spring) (P: Department Consent)* 3

**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 *Teaching Mathematics in the Secondary School (Fall)* 3

EDUC-M 464 *Methods of Teaching Reading (Fall)* 3

**Science**

EDUC-M 446 *Methods of Teaching Senior High/Junior High/Middle School Science (Fall)* 3

EDUC-M 464 *Methods of Teaching Reading (Fall)* 3

**Student Teaching**

- Students must register for 4 credits of EDUC-S 400 each semester. Students must complete at least one (1) semester of 5 credits before student teaching.
  - All professional ed courses must be completed before student teaching.
  - 10 portfolio expectations must be completed and 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 (10 weeks) (EEE)* 10
- EDUC-M 470 *Practicum in Content Field Area (6 weeks)* 6

- Students are eligible for a teaching license upon completion and documentation of all 16 portfolio expectations.

Complete one of the following subject areas.

**III. MATH CONTENT**  
**26-27 credits/2.5 GPA**

A grade of C minus (C-) or higher is required in each course.  
 Check with the department regarding when courses will be offered.

**Elementary Mathematics 9-10 credits**

EDUC-N 101	Teach & Learn Elementary Math I OR	3
MATH-T 101	Math for Elementary Teachers I (Grade of C or higher required)	3
_____	Mathematical Modeling (MM) (Excluding MATH-M/V 119, MATH-M/S 211 or MATH-J 113)	3-4
EDUC-N 103	Teach & Learn Elementary Math II (P: C or higher in N101 or T101) OR	3
MATH-T 103	Math for Elementary Teachers III (P: C or higher in N101 or T101)	3

**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-M365; M330; M380; or T336.)

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**III. SCIENCE CONTENT**  
**27 credits/2.5 GPA**

A grade of C minus (C-) or higher is required in each course.  
 Check with the department regarding when courses will be offered.

**Biology 8 credits**

BIOL-L 111	Foundations of Biology: Diversity, Evolution and Ecology (N&M)	4
BIOL-L 112	Foundations of Biology: Biological Mechanisms (P: HS or college chemistry) (N&M)	4

**Chemistry 5 credits**

CHEM-C 117	Principles of Chemistry & Biochemistry I (P: C101-C121 or CHEM-C103, or chemistry and math placement examinations and consent of department) (N&M) AND	3
CHEM-C 127	Principles of Chemistry & Biochemistry I Lab (P/C: C117) OR	2
CHEM-S 117	Principles of Chemistry & Biochemistry I, Honors (P: Chemistry and math placement examinations and consent of department) (N&M)	5

**Physical Science 6 credits**

GEOG-G 107	Physical Systems of the Environment (N&M)	3
EAS-E 103	Earth Science: Materials & Processes (N&M) OR	3
EAS-E 104	Evolution of the Earth (N&M) OR	3
EAS-E 105	Earth: Our Habitable Planet (N&M)	3

**History & Philosophy of Science 3 credits**

HPSC-X 102	Science Revolutions: Plato to NATO (S&H) (WC)	3
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**Physics 5 credits**

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

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