

This program sheet is effective for all students starting at IUB beginning summer 2017.



**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 2017

### 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 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-K 205 <i>Introduction to Exceptional Children (S&amp;H)</i>	3
EDUC-K 343 <i>Education of Socially &amp; Emotionally Disturbed I (Spring only)</i>	3
EDUC-K 361 <i>Assistive Technology (Fall only)</i>	3
EDUC-K 362 <i>Team Approaches to the Education of Students with Disabilities (Fall only)</i>	3
EDUC-K 405 <i>Building Inclusive Middle &amp; Secondary Schools (Fall only)</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: <http://education.indiana.edu/>

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

<http://gened.iub.edu/courses/genedcourses.html>

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

#### Oral Expression (Select one)

A grade of C higher required

3 credits

ANTH-A 122	<i>Interpersonal Communication (S&amp;H)</i>	3
COLL-P 155	<i>Public Oral Communication</i>	3
EDUC-G 203	<i>Comm. for Youth Serving Professionals (S&amp;H)</i>	3

#### English Composition (EC) (Select one)

A grade of C or higher required

0-3 credits

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: English comp &amp; Soph. status)</i>	3
College of Arts & Sciences designated Intensive Writing course		3

#### Mathematical Modeling (MM) (Select one)

3-4 credits

MATH-M/S/V 118	<i>Finite Mathematics</i>	3
MATH-D 116	<i>Intro to Finite Mathematics I AND</i>	2
MATH-D 117	<i>Intro to Finite Mathematics II (P: D116)</i>	2
MATH-M 106	<i>Math of Decision and Beauty</i>	3
MATH-J 113	<i>Intro to Calculus with Applications</i>	3
MATH-M 119	<i>Brief Survey of Calculus I</i>	3
MATH-M/S 211	<i>Calculus I</i>	4

#### 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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- \_\_\_\_\_

<b>Natural &amp; Mathematical Sciences (N&amp;M)</b> Complete <b>ONE</b> of the following options.	<b>5+ credits</b>
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**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> Complete <b>ONE</b> of the following options.	<b>6 credits</b>
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**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

**57+ 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.

**23+ credits**

<b>This course must be taken before admission to the CoT Program.</b>
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EDUC-K 205 *Intro to Exceptional Children (S&H)* 3  
(Recommended Fall semester Soph. year)

<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 only)* 3  
(P: EDUC-K 205 or Department Consent)

EDUC-K 361 *Assistive Technology for Elementary (Fall only)* 3  
(P: EDUC-K 343)

EDUC-K 362 *Team Approach to the Ed. of Students with Disabilities (Fall only)* 3  
(P: EDUC-K 343)

EDUC-K 405 *Building Inclusive Md./Sec. Schools (Fall only)* 1 + 1  
(P: EDUC-K 343)

EDUC-S 400 *Field Based Seminar in Teacher Education* 9+  
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.

<b>Admission to the Teacher Education Program (TEP)</b> is required before enrolling in the courses listed below. These courses must be taken before student teaching.	<b>34 credits</b>
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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

### 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 (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.**

**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	<i>Teach &amp; Learn Elem Math I</i> <b>OR</b>	3
MATH-T 101	<i>Math for Elementary Teachers I</i> (Grade of C or higher required)	3
MATH-M/S/V 118	<i>Finite Math (MM)</i> <b>OR</b>	3
MATH-D 116 & 117	<i>Intro to Finite Math I &amp; II (MM)</i> <b>OR</b>	2+2
EDUC-N 103	<i>Teach &amp; Learn Elem Math II</i> (P: C or higher in N101 or T101) <b>OR</b>	3
MATH-T 103	<i>Math for Elementary Teachers III</i> (P: C or higher in N101 or T101)	3

**Analysis 8 credits**

MATH-M/S 211	<i>Calculus I (MM) (N&amp;M)</i>	4
MATH-M/S 212	<i>Calculus II (P: M/S211) (N&amp;M)</i>	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)

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- \_\_\_\_\_
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**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	<i>Foundations of Biol: Diversity, Evolution &amp; Ecology</i> <b>(N&amp;M)</b>	3
BIOL-E/L 112	<i>Foundations of Biol: Biological Mechanisms</i> (P: HS or college chemistry) <b>(N&amp;M)</b>	3

**Chemistry 5 credits**

CHEM-C 117	<i>Principles of Chemistry &amp; Biochemistry I</i> (P: Chemistry & Math Placement Exams, & consent of department) <b>(N&amp;M) AND</b>	3
CHEM-C 127	<i>Principles of Chemistry &amp; Biochemistry I Lab</i> (P/C: C117) <b>OR</b>	2
CHEM-S 117	<i>Principles of Chemistry &amp; Biochemistry I – Honors</i> (P: Chemistry & Math placement exams & consent of department) <b>(N&amp;M)</b>	5

**Physical Science 6 credits**

GEOG-G 107	<i>Physical Systems of the Environment</i> <b>(N&amp;M)</b>	3
GEOL-G/S 103	<i>Earth Science: Materials &amp; Processes</i> <b>(N&amp;M) OR</b>	3
GEOL-G 104	<i>Evolution of the Earth</i> <b>(N&amp;M) OR</b>	3
GEOL-G 105	<i>Earth: Our Habitable Planet</i> <b>(N&amp;M)</b>	3

**History & Philosophy of Science 3 credits**

HPSC-X 100	<i>Human Perspective on Science</i> <b>OR</b>	3
HPSC-X 102	<i>Science Revolutions: Plato to NATO</i> <b>(S&amp;H) (WC) OR</b>	3
HPSC-X 200	<i>Scientific Reasoning</i> <b>(N&amp;M) OR</b>	3
HPSC-X 222	<i>Big Science in the 20<sup>th</sup> Century</i> <b>(S&amp;H)</b>	3

**Physics 5 credits**

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

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