

Program is under revision to meet the emerging Indiana Rules for Educator Preparation and Accountability (REPA) requirements. Please see an education advisor for more details.

This program sheet is effective for all students starting at IUB beginning summer 2015.



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. Course requirements for this program are valid at IUB as reflected in the School of Education Bulletin. A 4 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 2015

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 AUTHORIZED COURSES

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

1. Students may satisfy the Academic Skills Assessment requirements 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 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.)

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

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-M422 Fall semester.

Science: October 1 to take in CoT spring only authorized courses that require completion of TEP prerequisites and to take EDUC-M446 Fall semester.

7. Submit TEP Application Online:
<https://info.educ.indiana.edu/teachered/>

I. IUB & SCHOOL OF EDUCATION GENERAL EDUCATION REQUIREMENTS

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

(Careful selection & completion of courses with a "C" or higher grade may allow double counting within General Education, Professional Education &/or Content Field.)

Oral Expression (Select one) (Grade of C or higher required) 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) (Grade of C or higher required) 0-3 credits

CMLT-C 110	Writing the World	3
ENG-W 131	Reading, Writing & Inquiry I OR	3
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 & Soph. standing)	3
College of Arts & Sciences designated Intensive Writing course		3
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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	2
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 211	Calculus I	4
MATH-M 213	Accelerated Calculus	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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Natural & Mathematical Sciences (N&M) (Complete <u>ONE</u> of the following options.)	5+ credits
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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.)

World Languages (WL)/World Cultures (WC) (Complete <u>ONE</u> of the following options.)	6 credits
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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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Information Fluency (IF)	0 credits
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Fulfilled by completion of Expectations 0

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

Enriching Educational Experiences (EEE)	10 credits
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EDUC-K 488 *Student Teaching: Secondary* 10

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

Required Non-Authorized Course	3 credits
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This course must be taken before admission to CoT

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

TEP Admissions Prerequisite Educ Courses	20+ credits
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These courses must be taken after admission to the CoT Program.

EDUC-K 343 *Ed Soc & Emotionally Disturbed I (Spring only)* 3
 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* 3
Disabilities (Fall only) (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 Ed (Must be taken* 9+
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.)

TEP Non-Authorized Courses	12 credits
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Completion of TEP prerequisite education courses 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* 3
Disturbed II (Spring only) (P: EDUC-K 343)
 EDUC-K 352 *Education of Students with Learning Disorders* 3
(Fall only) (P: EDUC-K 371)
 EDUC-K 371 *Assessment & Individualized Instruction in Reading* 3
& Math (Spring only) (P: EDUC-K 362)
 EDUC-K 441 *Transition Across the Life Span (Spring only)* 3
(P: EDUC-K 362)

TEP Authorized Courses	25 credits
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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

Science

EDUC-M 446 *Meth. of Teach. Jr/Md/Sr High Science (Fall only)* 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

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

Analysis 8 credits

MATH-M 211	<i>Calculus I (MM, N&M)</i>	4
MATH-M/S 212	<i>Calculus II (P: M211) (N&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 K310 or M365; M330; M380; or T336)

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II. SCIENCE CONTENT

25 credits/2.5 GPA

(C or higher grade is required in each course.)

(Check with the department regarding when courses will be offered.)

Biology 6 credits

BIOL-E/L 111	<i>Intro to Biol: Evolution & Diversity (N&M)</i>	3
BIOL-E/L 112	<i>Intro to Biol: Biological Mechanisms</i>	3
	(P: HS or college chemistry) (N&M)	

Chemistry 5 credits

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

Physical Science 6 credits

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

History & Philosophy of Science 3 credits

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

Physics 5 credits

PHYS-P 201	<i>General Physics I (P: M 26 or HS equiv.) (N&M)</i>	5
	OR	
PHYS-P 221	<i>Physics I (C: MATH-M 211)</i>	

IV. ELECTIVES (To total 120 credits)