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

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. Submit CoT Application online at any time: http://go.iu.edu/1YLf
3. Interview with CoT faculty and 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 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.)

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-W 131EX</td>
<td>Elementary Composition-Exempt</td>
<td>0</td>
</tr>
<tr>
<td>ENG-W 170</td>
<td>Intro to Argumentative Writing-Projects in Reading &amp; Writing</td>
<td>3</td>
</tr>
<tr>
<td>CMLT-C 110</td>
<td>Writing the World</td>
<td>3</td>
</tr>
<tr>
<td>ENG-W 131</td>
<td>Reading, Writing &amp; Inquiry I OR</td>
<td>3</td>
</tr>
<tr>
<td>EDUC-H 205</td>
<td>Intro to Educational Thought (P: English Comp.) (S&amp;H)</td>
<td>3</td>
</tr>
<tr>
<td>EDUC-H 340</td>
<td>Education &amp; American Culture (P: Soph. status)</td>
<td>3</td>
</tr>
<tr>
<td>College of Arts &amp; Sciences designated Intensive Writing course</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Mathematical Modeling (MM) 3-4 credits

Complete at least 1 course for at least 3 credits.

•

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.

•

(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) 6 credits
Complete ONE 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.
- ___________________________ • ___________________________

**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 EDUC course. The following courses must be successfully completed before student teaching.

26+ credits

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

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

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

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 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. 9+

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

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 & 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.

<table>
<thead>
<tr>
<th>Elementary Mathematics</th>
<th>9-10 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC-N 101 Teach &amp; Learn Elementary Math I OR</td>
<td>3</td>
</tr>
<tr>
<td>MATH-T 101 Math for Elementary Teachers I (Grade of C or higher required)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematical Modeling (MM) (Excluding MATH-M/V 119, MATH-M/S 211 or MATH-J 113)</td>
<td>3-4</td>
</tr>
<tr>
<td>EDUC-N 103 Teach &amp; Learn Elementary Math II (P: C or higher in N101 or T101) OR</td>
<td>3</td>
</tr>
<tr>
<td>MATH-T 103 Math for Elementary Teachers III (P: C or higher in N101 or T101)</td>
<td>3</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Analysis</th>
<th>8 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-M/S 211 Calculus I (MM) (N&amp;M)</td>
<td>4</td>
</tr>
<tr>
<td>MATH-M/S 212 Calculus II (P: M/S211) (N&amp;M)</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>9 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.) • • • • •</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Biology</th>
<th>8 credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL-L 111 Foundations of Biology: Diversity, Evolution and Ecology (N&amp;M)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL-L 112 Foundations of Biology: Biological Mechanisms (P: HS or college chemistry) (N&amp;M)</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Chemistry</th>
<th>5 credits</th>
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<tbody>
<tr>
<td>CHEM-C 117 Principles of Chemistry &amp; Biochemistry I (P: C101-C121 or CHEM-C103, or chemistry and math placement examinations and consent of department) (N&amp;M) AND</td>
<td>3</td>
</tr>
<tr>
<td>CHEM-C 127 Principles of Chemistry &amp; Biochemistry I Lab (P/C: C117) OR</td>
<td>2</td>
</tr>
<tr>
<td>CHEM-S 117 Principles of Chemistry &amp; Biochemistry I, Honors (P: Chemistry and math placement examinations and consent of department) (N&amp;M)</td>
<td>5</td>
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<table>
<thead>
<tr>
<th>Physical Science</th>
<th>6 credits</th>
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<tbody>
<tr>
<td>GEOG-G 107 Physical Systems of the Environment (N&amp;M)</td>
<td>3</td>
</tr>
<tr>
<td>EAS-E 103 Earth Science: Materials &amp; Processes (N&amp;M) OR</td>
<td>3</td>
</tr>
<tr>
<td>EAS-E 104 Evolution of the Earth (N&amp;M) OR</td>
<td>3</td>
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<tr>
<td>EAS-E 105 Earth: Our Habitable Planet (N&amp;M)</td>
<td>3</td>
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<thead>
<tr>
<th>History &amp; Philosophy of Science</th>
<th>3 credits</th>
</tr>
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<tbody>
<tr>
<td>HPSC-X 102 Science Revolutions: Plato to NATO (S&amp;H) (WC)</td>
<td>3</td>
</tr>
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<table>
<thead>
<tr>
<th>Physics</th>
<th>5 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS-P 201 General Physics I (P: M 26 or HS equiv.) (N&amp;M) OR</td>
<td>5</td>
</tr>
<tr>
<td>PHYS-P 221 Physics I (C: MATH-M/S 211 or consent of the instructor)</td>
<td>5</td>
</tr>
</tbody>
</table>

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