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

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. Submit CoT Application online: http://education.indiana.edu/ cot/apply.html
3. Interview with CoT Faculty & students.

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

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH-A 122 Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>(S&amp;H)</td>
<td></td>
</tr>
<tr>
<td>COLL-P 155 Public Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>EDUC-G 203 Comm. for Youth Serving</td>
<td>3</td>
</tr>
<tr>
<td>Professionals (S&amp;H)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMLT-C 110 Writing the World</td>
<td>3</td>
</tr>
<tr>
<td>ENG-W 131 Reading, Writing &amp; Inquiry OR</td>
<td>3</td>
</tr>
<tr>
<td>ENG-W 131EX Elementary Composition-Exempt</td>
<td>0</td>
</tr>
<tr>
<td>ENG-W 170 Intro to Argumentative Writing-Projects in Reading &amp; Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC-H 205 Intro to Educational Thought</td>
<td>3</td>
</tr>
<tr>
<td>(P: English comp)</td>
<td></td>
</tr>
<tr>
<td>EDUC-H 340 Education &amp; American Culture</td>
<td>3</td>
</tr>
<tr>
<td>(P: English comp &amp; Soph. standing)</td>
<td></td>
</tr>
<tr>
<td>College of Arts &amp; Sciences designated Intensive Writing course</td>
<td>3</td>
</tr>
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<td></td>
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</tr>
</tbody>
</table>

Mathematical Modeling (MM) (Select one) 3-4 credits

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-M/S/V 118 Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH-D 116 Intro to Finite Mathematics I AND</td>
<td>2</td>
</tr>
<tr>
<td>MATH-D 117 Intro to Finite Mathematics II (P: D116)</td>
<td>2</td>
</tr>
<tr>
<td>MATH-J 113 Intro to Calculus with Applications</td>
<td>3</td>
</tr>
<tr>
<td>MATH-M 119 Brief Survey of Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH-M 211 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH-M 213 Accelerated Calculus</td>
<td>4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

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.
### Natural & Mathematical Sciences (N&M)  
(Complete ONE of the following options.)  

**5+ credits**

**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)  
(Complete ONE of the following options.)  

**6 credits**

**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

### III. PROFESSIONAL EDUCATION  

**57+ credits/2.5 GPA**  
(C or higher grade 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)*  
(Recommended Fall semester sophomore year)

3

#### TEP Prerequisite Education Courses  

**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 343)  
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+

5 of 16 portfolio expectations completed and documented before enrolling in Teacher Education Program course(s).

### Teacher Education Program (TEP)  

**34 credits**

Completion of TEP prerequisites is required. These courses must be taken before student teaching.

EDUC-K 344  
*Education of the Socially and Emotionally Disturbed I (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

EDUC-M 464  
*Methods of Teaching Reading*  
3

### Content Methods

- 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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC-N 101</td>
<td>Teach &amp; Learn Elem Math I OR Math for Elementary Teachers I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH-T 101</td>
<td>Finite Math (MM) OR Intro to Finite Math I &amp; II (MM)</td>
<td>2+2</td>
<td></td>
</tr>
<tr>
<td>MATH-M/S/V 118</td>
<td>Teach &amp; Learn Elem Math II</td>
<td>3</td>
<td>(P: C or higher in N101 or T101) OR</td>
</tr>
<tr>
<td>MATH-T 103</td>
<td>Math for Elementary Teachers III</td>
<td>3</td>
<td>(P: C or higher in N101 or T101)</td>
</tr>
</tbody>
</table>

- **Elementary Mathematics with Finite** 9-10 credits

- **Analysis** 8 credits
  - MATH-M 211 Calculus I (MM, N&M) 4
  - MATH-M/S 212 Calculus II (P: M211) (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 K310 or M365; M330; M380; or T336)
    - •
    - •
    - •

### 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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-E/L 111</td>
<td>Intro to Biol: Evolution &amp; Diversity (N&amp;M)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL-E/L 112</td>
<td>Intro to Biol: Biological Mechanisms (P: HS or college chemistry) (N&amp;M)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM-C 117</td>
<td>Principles of Chemistry &amp; Biochemistry I (P: Chemistry &amp; Math Placement Exams, &amp; consent of department) (N&amp;M) AND</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM-C 127</td>
<td>Principles of Chemistry &amp; Biochemistry I Lab OR</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CHEM-S 117</td>
<td>Principles of Chemistry &amp; Biochemistry I -- Honors (N&amp;M)</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

- **Chemistry** 5 credits

- **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) OR |

- **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) OR |

- **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 211) OR |

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