ADMISSION REQUIREMENTS

(Competitive enrollment. Meeting minimum requirements does not guarantee admission.)

1. Students may satisfy the Academic Skills Assessment requirement for admission to the TEP by using any of the following options:
   - Qualifying scores on CASA (taken after Sept. 1, 2013)
   - Reading 220, Math 220, Writing 220
   - Qualifying scores on PRAXIS I (if taken before Sept. 1, 2013)
   - Reading 176, Writing 172, Math 175
   - PRAXIS I combined score of at least 527 (if taken before Sept. 1, 2013)
   - Sum of Reading + Writing + Math scores = 527
   - 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: Grade of C or higher is required in each EDUC course.

   **Course** | **Credits**
   -------- | --------
   EDUC-M 300  | Teaching in a Pluralistic Society (D)  | 3
   EDUC-P 312  | Learning Theory into Practice AND  | 3
   EDUC-P 313  | Adolescents in a Learning Community  | 3
   EDUC-W 200  | Using Computers in Education (IF)  | 3

5. Apply by October 1 for Spring Semester Block I courses.

6. 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.)

<table>
<thead>
<tr>
<th>Oral Expression (Select one) (Grade of C or higher required)</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMCL-C 121 Public Speaking (A&amp;H)</td>
<td>3</td>
</tr>
<tr>
<td>CMCL-C 122 Interpersonal Communication (S&amp;H)</td>
<td>3</td>
</tr>
<tr>
<td>EDUC-G 203 Communication in the Classroom (S&amp;H)</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English Composition (EC) (Select one) (Grade of C or higher required)</th>
<th>0-3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMLT-C 110 Writing the World</td>
<td>3</td>
</tr>
<tr>
<td>ENG-W 131 Elementary Composition 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 (Topic: Projects in Reading &amp; Writing)</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Intensive Writing Course (IW) (Select one) (Grade of C or higher required)</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC-H 205 Intro to Educational Thought (P: English Comp) (S&amp;H)</td>
<td>3</td>
</tr>
<tr>
<td>EDUC-H 340 Education &amp; American Culture (P: English Comp &amp; Soph. Standing)</td>
<td>3</td>
</tr>
</tbody>
</table>

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 (Note: D116 must have a grade of C- or higher & D117 must have a passing grade to fulfill the MM requirement)  | 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         |

<table>
<thead>
<tr>
<th>Arts &amp; Humanities (A&amp;H) 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete at least 2 courses for a total of at least 6 credits.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social &amp; Historical Studies (S&amp;H) 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete at least 2 courses for a total of at least 6 credits.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Natural &amp; Mathematical Sciences (N&amp;M) 5+ credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Complete ONE of the following options. )</td>
</tr>
<tr>
<td><strong>Option I:</strong> 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.</td>
</tr>
<tr>
<td><strong>Option II:</strong> Complete a 5 credit science course.</td>
</tr>
<tr>
<td>(The class taken to fulfill the Mathematical Modeling requirement cannot be counted towards the 5+ credits needed to fulfill the N&amp;M requirement.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>World Languages (WL)/World Cultures (WC) 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Complete ONE of the following options. )</td>
</tr>
<tr>
<td><strong>Option I:</strong> Language Study (WL): Complete the study of an approved single language through the second semester of the second-year level of college-level coursework.</td>
</tr>
<tr>
<td><strong>Option II:</strong> World Culture (WC): Complete at least 2 courses for a total of at least 6 credits.</td>
</tr>
<tr>
<td><strong>Option III:</strong> International Experience (IE): Complete an approved study abroad program or internship of at least 6 credits &amp; at least 6 weeks abroad in duration.</td>
</tr>
</tbody>
</table>
**I. Required Core (36 credits)**

- **Information Fluency (IF)**: \(3 \text{ credits} \)
  - EDUC-W 200: Using Computers in Education \(3 \text{ credits} \)

- **Diversity in the U.S. (D)**: \(3 \text{ credits} \)
  - EDUC-M 300: Teach in a Pluralistic Society (P: Soph. Standing) \(3 \text{ credits} \)

- **Enriching Educational Experiences (EEE)**: \(12 \text{ credits} \)
  - EDUC-M 480: Student Teaching: Secondary \(12 \text{ credits} \)

**II. PROFESSIONAL EDUCATION (48 credits/2.5 GPA)**

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

**Prerequisite Education Courses**

- These courses must be taken before admission to the TEP.
  - EDUC-M 300: Teaching in a Pluralistic Society (P: Soph. Standing) \(3 \text{ credits} \)
  - EDUC-P 312: Learning Theory into Practice (P: Soph. Standing) \(3 \text{ credits} \)
  - EDUC-P 313: Adolescents in a Learning Community (P: Soph. Standing) \(3 \text{ credits} \)
  - EDUC-W 200: Using Computers in Education \(3 \text{ credits} \)

**Required Non-Authorized Course**

- 6 credits
  - EDUC-A 308: Legal & Ethical Issues in Education (P: Soph. Standing) \(3 \text{ credits} \)
  - EDUC-H 205: Intro to Educational Thought (P: English Comp) \(3 \text{ credits} \)
  - EDUC-H 340: Education & American Culture (P: English Comp & Soph. Standing) \(3 \text{ credits} \)

**Teacher Education Program**

- 30 credits
  - Admission to TEP is required for remaining courses. These courses must be taken before student teaching.
    - EDUC-K 306: Teaching Students with Special Needs: Secondary Classrooms \(3 \text{ credits} \)

Courses must be taken in prescribed blocks. Successful completion (C or higher) of all courses in each block is a prerequisite for the next block and student teaching.

Block I and Block II must be completed in sequence, without interruption, from one semester to the next. Students may add an additional semester(s) between the completion of Block II and Student Teaching (Block III).

**III. PHYSICS CONTENT**

54 credits/2.5 GPA

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

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

**Required Science & Mathematics**

- 29 credits
  - BIOL-E/L 111: Foundations of Biology: Diversity, Evolution & Ecology \(3 \text{ credits} \)
  - CHEM-C 117: Principles of Chem & Biochem I – (P: CHEM & MATH Placement & consent of Dept) \(3 \text{ credits} \)
  - CHEM-C 127: Principles of Chem & Biochem I Lab \(2 \text{ credits} \)
  - CHEM-S 117: Principles of Chemistry & Biochemistry I-Honors \(5 \text{ credits} \)
  - CHEM-P 103: Earth Sci: Materials & Processes \(3 \text{ credits} \)
  - CHEM-P 105: Evolution of the Earth \(3 \text{ credits} \)
  - CHEM-P 108: Revol in Science: Plato-NATO \(3 \text{ credits} \)
  - CHEM-P 112: Big Science in the 20th Century \(3 \text{ credits} \)
  - MATH-M 211: Calculus I \(3 \text{ credits} \)
  - MATH-M/S 212: Calculus II \(3 \text{ credits} \)
  - MATH-M/S 311: Calculus III \(3 \text{ credits} \)
  - MATH-M/S 343: Intro to Differential Equations I \(3 \text{ credits} \)

**Physics Major**

- 25 credits
  - PHYS-P 201: General Physics I \(5 \text{ credits} \)
  - PHYS-P 202: General Physics II \(5 \text{ credits} \)
  - PHYS-P 221: Physics I \(5 \text{ credits} \)
  - PHYS-P 222: Physics II \(5 \text{ credits} \)
  - PHYS-P 301: Physics III \(3 \text{ credits} \)

Complete 12 credits from the following:

- PHYS-P 309: Modern Physics Laboratory \(2 \text{ credits} \)
- PHYS-P 310: Environmental Physics \(3 \text{ credits} \)
- PHYS-P 314: Intro to Medical Physics \(3 \text{ credits} \)
- PHYS-P 317: Signals and Information Processing in Living Systems \(3 \text{ credits} \)
- PHYS-P 321: Techniques in Theoretical Physics \(3 \text{ credits} \)
- PHYS-P 331: Theory of Electricity and Magnetism I \(3 \text{ credits} \)
- PHYS-P 332: Theory of Electricity and Magnetism II \(3 \text{ credits} \)
- PHYS-P 460: Modern Optics \(3 \text{ credits} \)
- PHYS-P 340: Thermodynamics and Statistical Mechanics \(3 \text{ credits} \)
- PHYS-P 350: Applied Physics Instrumentation Lab \(3 \text{ credits} \)
- PHYS-P 360: Physical Optics \(3 \text{ credits} \)
- PHYS-P 400: Analog and Digital Electronics \(3 \text{ credits} \)
- PHYS-P 401: Analog Electronics \(3 \text{ credits} \)
- PHYS-S 405: Readings in Physics \(1 \text{-3 credits} \)
- PHYS-S 406: Research and Internship Projects \(1 \text{-6 credits} \)
- PHYS-S 407: Applied Physics Internship \(1 \text{ credits} \)
- PHYS-S 408: Current Research in Physics \(1 \text{ credits} \)

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