



Indiana Department of Education

Dr. Katie Jenner, Secretary of Education

Application Form Alternative Route STEM Initial License Preparation

Part A - Instructions

Senate Enrolled Act 255 (2025) establishes a new alternative STEM license pathway. Via this option, the Indiana Department of Education (IDOE) is required to grant an initial practitioner license to an individual who: (1) holds a bachelor's degree with a major in any combination of science, technology, engineering, or mathematics; (2) successfully completes a total of at least nine academic credits regarding certain instruction in teaching; and (3) meets other specified requirements. They include:

1. High impact practices in:
 - a. lesson planning;
 - b. instructional design;
 - c. instructional activities;
 - d. integrating learning modalities; and
 - e. developing laboratory experiments.
2. The use of:
 - a. digital media;
 - b. learning management software; and
 - c. technology to maximize learning.
3. Teaching:
 - a. inductive and deductive reasoning;
 - b. Metacognition;
 - c. problem framing;
 - d. interpreting results; and
 - e. data based decision making.
4. Best practices to evaluate student learning through:
 - a. diagnostic assessment;
 - b. direct and indirect assessment; and
 - c. formative and summative assessment.
5. Creating feedback loops.
6. Fostering engagement and using peer to peer learning and other small group strategies.
7. Providing constructive feedback and preventing disruptive behavior.
8. Early intervention strategies and professional Standards.
9. Teaching students with disabilities.



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Additional requirements include:

- Applicants demonstrate proficiency through a written examination in the knowledge of the areas in which the individual is required to have a license to teach.
- Applicants successfully complete all required training (IC 20-28-5-12.3) that includes:
 - Child abuse and neglect training;
 - Youth suicide awareness and prevention training;
 - Identification and reporting of human trafficking training; and
 - Training described in IC 20-28-5.5-1(a).
- Applicants have participated in one (1) or more of the following, as determined by the department:
 - Job shadowing;
 - Field experiences;
 - Teaching cooperatives;
 - Full-term student teaching.

An individual who received an initial practitioner license via this pathway may only teach in any combination of grades 5, 6, 7, 8, 9, 10, 11, or 12, as determined by the department and be treated in the same manner as an individual who completes a traditional teacher preparation program.

Carefully review each of the following sections. Enter the responses below and provide additional evidence as embedded hyperlinks or reference attachments for clarity. Submit responses and additional evidence or documents (Word documents, PDF materials, etc.) electronically to sbogan@doe.in.gov.

Out-of-state institutions seeking to offer onsite or distance/online instruction in Indiana must contact the Indiana Commission for Higher Education for authorization. Forms received from unauthorized institutions will not be reviewed. Please visit <http://www.in.gov/bpe/2337.htm> for more information.

Part B – Identifying Information

1. Name of Institution or Entity
2. Address
3. Name of Proposed Program



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4. Method of Delivery (onsite, online, hybrid)
5. List any other physical location, if any, where program will be offered
6. Date or semester of anticipated implementation, if approved
7. Program contact name(s), phone number(s), and email address/addresses

Part C – Required Information/Documentation

Provide a description and/or response for each of the following items. All items are required to be submitted for consideration. Please insert narrative information within this document (no character limits) and attach or hyperlink supplemental resources. Clearly identify attachments.

8. Provide a brief overview for the program.
 - Any additional governance or entity approval required beyond state-approval? If so, status? Anticipated date of decision?
9. Provide a plan of study including a list and sequence of the courses and experiences required for candidates to complete the program (e.g. advising form, or other document outlining program requirements). Also, include the following:
 - A brief description of each course, such as course descriptions found in a course catalog;
 - A matrix showing alignment between the licensure requirements for this program and courses using [this template](#), or one created by the EPP; and
 - Syllabi for all courses required in the program.
10. Provide a description of how the program will incorporate one (1) or more of the following for individuals participating this pathway:
 - Job shadowing;
 - Field experiences;
 - Teaching cooperatives;
 - Full-term student teaching.
11. Provide the following information for each EPP faculty member responsible for professional coursework, clinical supervision, or administration. Include any educator(s) directly involved in teaching the content area education portion of the licensure program. If faculty have not yet been hired for the proposed program, provide information about the positions to be filled and preferred qualifications of faculty members.
 - Faculty Member Name;



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- Highest Degree Earned;
 - Assignment or role of the faculty member (faculty, clinical supervisor, department chair, administrator, etc.);
 - Faculty Rank (professor, assistant professor, adjunct professor, instructor, etc.);
 - One example of professional work or leadership within the past three (3) years and related to content area; and
 - Describe recent experience in P-12 schools (clinical supervision, teaching, professional service, etc.) and include discipline, grade level of the assignment(s). Include P-12 licensure and certification held and whether valid or expired, as well as name of issuing state(s).
12. How will you ensure candidates are prepared for licensure assessments? In your response, include specific intervention strategies for candidates struggling to pass exams, additional preparation resources, etc.
13. How will you ensure candidates complete all required training (IC 20-28-5-12.3) including:
- Child abuse and neglect training;
 - Youth suicide awareness and prevention training;
 - Identification and reporting of human trafficking training; and
 - Training described in IC 20-28-5.5-1(a).

Part D – Submission of Materials

- Submit the above and all related documents to Scott Bogan, Director of Higher Education and Educator Preparation Programs, at sbogan@doe.in.gov.
- Be sure you have included all items in the application
- DO NOT MAIL!
- An email message will be sent to the preparer verifying receipt of materials. If confirmation of receipt email message is not received within 48 hours, then please email Mr. Bogan at sbogan@doe.in.gov for verification.