

INTEGRATED SCIENCE ADDITIONAL LICENSURE PREPARATION - NON-DEGREE

College of Education Health and Human Services
School of Teaching, Learning and Curriculum Studies
www.kent.edu/ehhs/tlcs

About This Program

The Integrated Science Additional Licensure Preparation program is designed for those who already have a teaching license but want to expand their expertise to teach integrated science classes. You'll gain valuable skills in biology, chemistry, physics, and earth science, giving you a comprehensive understanding of science instruction. With a focus on inquiry-based teaching methods and hands-on learning, this program will prepare you to engage and inspire your students like never before. Read more...

Contact Information

- **Kristine Pytash** | kpytash@kent.edu | 330-672-2580
- Connect with an Admissions Counselor: U.S. Student | International Student

Program Delivery

- **Delivery:**
 - In person
- **Location:**
 - Kent Campus

Examples of Possible Careers and Salaries*

Agricultural sciences teachers, postsecondary

- 2.1% slower than the average
- 11,400 number of jobs
- \$90,340 potential earnings

Atmospheric, earth, marine, and space sciences teachers, postsecondary

- 1.9% slower than the average
- 13,100 number of jobs
- \$94,520 potential earnings

Biological science teachers, postsecondary

- 9.3% much faster than the average
- 64,700 number of jobs
- \$85,600 potential earnings

Chemistry teachers, postsecondary

- 4.3% about as fast as the average
- 26,400 number of jobs
- \$80,400 potential earnings

Education teachers, postsecondary

- 4.8% about as fast as the average
- 77,300 number of jobs
- \$65,440 potential earnings

Environmental science teachers, postsecondary

- 3.7% about as fast as the average
- 7,600 number of jobs
- \$84,740 potential earnings

Forestry and conservation science teachers, postsecondary

- 2.2% slower than the average
- 2,100 number of jobs
- \$87,400 potential earnings

Middle school teachers, except special and career/technical education

- 3.6% about as fast as the average
- 627,100 number of jobs
- \$60,810 potential earnings

Physics teachers, postsecondary

- 4.4% about as fast as the average
- 17,100 number of jobs
- \$90,400 potential earnings

Secondary school teachers, except special and career/technical education

- 3.8% about as fast as the average
- 1,050,800 number of jobs
- \$62,870 potential earnings

Accreditation

National Council for Accreditation of Teacher Education (NCATE)

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

Admission Requirements

- Bachelor's degree from an accredited college or university
- Minimum 2.750 overall undergraduate GPA on a 4.000-point scale
- Official transcript(s)

- Goal statement
- Two letters of recommendation
- Questions in Anticipation of Licensure Form
- Evidence of valid four-year Resident Educator or five-year Professional State of Ohio teaching licensure (*no longer required starting with spring 2025 admission term*)
- *Effective with spring 2025 admission term*: Evidence of valid Resident Educator or Professional State of Ohio teaching license

Applicants will be assessed holistically, considering academic credentials, academic or professional references, non-academic dimensions and other specific program criteria.

Application Deadlines

- **Fall Semester**
 - Rolling admissions
- **Spring Semester**
 - Rolling admissions
- **Summer Term**
 - Rolling admissions

Program Requirements

Licensure Requirements

Code	Title	Credit Hours
Licensure Requirements		
ADED 52277	TEACHING SCIENCE IN THE SECONDARY SCHOOL	3
or CI 61133	ISSUES AND TRENDS IN ELEMENTARY SCIENCE	
or CI 61140	CULTURE AND MULTICULTURALISM IN SCIENCE EDUCATION	
ADED 63592	ADOLESCENT/YOUNG ADULT INTEGRATED SCIENCE ADDITIONAL LICENSURE INTERNSHIP	1
CI 57330	READING AND WRITING IN ADOLESCENCE/ADULTHOOD	3
Minimum Total Credit Hours:		7

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.600*	3.000

* Minimum 2.600 content area GPA is required for the Adolescence to Young Adult 7-12 licensure.

- **Additional Coursework:** An analysis of additional content-area coursework required at the post-undergraduate level will be completed before entering into the program, and a Plan of Study will be created based on transcript analysis and current licensure requirements by the Ohio Department of Education. A minimum C grade is required in each of these courses. This coursework would be in addition to requirements for the Integrated Science non-degree program.

Licensure Information

Prior to program completion, the candidate must demonstrate proficiencies in the following areas (including but not limited to): data literacy and analysis; use of research and assessment data; leadership and collaboration; utilizing and supporting appropriate technology for the

discipline; and application of professional dispositions, laws and policies, codes of ethics and professional standards appropriate to their field of specialization.

Candidates seeking Ohio licensure are required to pass the OAE Content Knowledge Assessment for each teaching field in order to apply for licensure. Students should consult their advisors for specific program requirements and refer to the Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type. Students who do not apply for license within 12 months of program completion may be subject to additional course requirements, based on Ohio licensure standards in force at the time of application.

Program Learning Outcomes

Completers of this program will be able to:

1. Plan multiple lessons using a variety of inquiry approaches that demonstrate their knowledge and understanding of how to engage all students in learning science.
2. Plan a learning environment and learning experiences for all students that demonstrate chemical safety, safety procedures and the ethical treatment of living organisms within their licensure area.
3. Plan fair and equitable assessment strategies to analyze student learning and to evaluate if the science learning goals are met.

Residence Requirement Policy for Non-Degree Teacher Education Licensure/Endorsement Preparation Programs

- Non-degree licensure (initial and additional) and endorsement programs that are a total of 15 credits or above: Students must complete 60% of the coursework at Kent State University, including the course that addresses the CAEP A.1.1 Standard as designated by the program area.
- Non-degree licensure (initial and additional) and endorsement programs that are less than 15 total credits: Students must complete 100% of the coursework at Kent State University.
- Students are permitted 6 years to complete licensure programs and 4 years to complete endorsement programs at Kent State University.
- Coursework transferred from another university cannot be more than 6 years old at the time the licensure/endorsement program is completed.
- Students who do not meet the residence requirements will not be recommended for licensure by Kent State University.

Full Description

The Integrated Science Additional Licensure Preparation non-degree program prepares students to obtain an additional teacher license in all areas of sciences for grades 7-12. Completion of the coursework is a prerequisite to being recommended by Kent State University for licensure, which is granted by the Ohio Department of Education. This non-degree program cannot be used for students seeking initial licensure.

This program does not culminate in a master's degree. Students interested in a master's degree at Kent State must be fully admitted into and complete the requirements for the master's program, in addition to courses that are prescribed here for additional licensure.

Professional Licensure Disclosure

This program is designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure or certification and contact information for state licensing boards at Kent State's website for professional licensure disclosure.