Examples of Possible Careers*

**Education teachers, postsecondary**
- 4.8% about as fast as the average
- 77,300 number of jobs
- $65,440 potential earnings

**Instructional coordinators**
- 5.9% faster than the average
- 192,900 number of jobs
- $66,970 potential earnings

**Contact Information**
- Program Coordinator: Kristine Pytash (English/Language Arts Education) | kpytash@kent.edu | 330-672-6517
- Scott Courtney (Mathematics Education) | scourtn5@kent.edu | 330-672-0657
- Danielle Gruhler, Ph.D. (Middle Childhood Education) | dgruhler@kent.edu | 330-672-6517
- Kevin Eckert (Physical Education Teacher Education) | keckert5@kent.edu | 330-672-0627
- Lisa Borgerding, Ph.D. (Science Education) | ldonnell@kent.edu | 330-672-0614
- Lisa Testa, Ph.D. (Secondary Education) | etesta@kent.edu | 330-672-0647
- Todd Hawley, Ph.D. (Social Studies Education) | thawley1@kent.edu | 330-672-0670
- Chat with an Admissions Counselor

**Fully Offered**
- Delivery:
  - Fully online (Curriculum and Teaching Studies, Mathematics Education concentrations)
  - Mostly online (Curriculum and Teaching Studies, English/Language Arts Education, Mathematics Education, Middle Childhood Education, Physical Education Teacher Education, Science Education and Social Studies concentrations)
  - In person (Secondary Education concentration)
- Location:
  - Kent Campus (Secondary Education concentration)
  - Stark Campus

**Admission Terms**
- Fall
- Spring
- Summer

*Note
Source of occupation titles and labor data is 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.

**Description**
The Master of Education degree in Curriculum and Instruction provides a wide range of graduate study opportunities in progressive, research-based curriculum and teaching practices. The program prepares educators for continuing professional development, education in a multicultural society and leadership for curriculum reform and renewal.

The Curriculum and Instruction major comprises the following concentrations:
- Curriculum and Teaching Studies
- English/Language Arts Education
- Mathematics Education
- Middle Childhood Education
- Physical Education Teacher Education
- Science Education
- Secondary Education
- Social Studies Education

The concentrations do not lead to teacher education licensure or endorsement with the exception of the Physical Education Teacher Education concentration. The Physical Education Teacher Education concentration may lead to a multi-age pre-kindergarten through grade 12 license to teach physical education in Ohio. The program includes field experience components at the elementary and secondary levels, and culminates with a full-semester student teaching experience.

**Accreditation**
Physical Education Teacher Education concentration: National Council for the Accreditation of Teacher Education

**Admission Requirements**
The Secondary Education concentration does not allow direct admission; students may enter only with a change of major initiated by their faculty advisor. This concentration is for students who have completed the coursework for the M.A.T. degree in Secondary Education but who have not completed the teacher licensure requirements.

Applicants to the Physical Education Teacher Education concentration will be assessed holistically, considering academic credentials, academic or professional references; non-academic dimensions; and other specific program criteria.

- Bachelor's degree from an accredited college or university
- Minimum 2.750 undergraduate GPA on a 4.000 point scale
- Official transcript(s)
- Application essay
- Two letters of recommendation
- Interview (Physical Education Teacher Education concentration only)
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  • Minimum 550 TOEFL PBT score (paper-based version)
  • Minimum 79 TOEFL IBT score (Internet-based version)
  • Minimum 77 MELAB score
  • Minimum 6.5 IELTS score
  • Minimum 58 PTE score
  • Minimum 110 Duolingo English Test score

For more information about graduate admissions, please visit the Graduate Studies website. For more information on international admission, visit the Office of Global Education website.

1 Applicants to the Physical Education Teacher Education concentration who do not have a physical education or related undergraduate degree may be required to complete additional prerequisite courses prior to program admission.

Program Learning Outcomes
Graduates of the program will be able to:

1. Educate in multicultural settings.
2. Function as professional leaders for curriculum reform and renewal.
3. Demonstrate the disposition and skills for continuing professional development.

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.

Program Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>CI 67001</td>
<td>FUNDAMENTALS OF CURRICULUM</td>
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<td>CI 67002</td>
<td>CURRICULUM LEADERSHIP</td>
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<tr>
<td>RMS 65511</td>
<td>RESEARCH IN EDUCATIONAL SERVICES</td>
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Concentrations
Choose from the following: 21-34

Curriculum and Teaching Studies
English/Language Arts Education
Mathematics Education
Middle Childhood Education
Physical Education Teacher Education
Science Education
Secondary Education
Social Studies Education

Minimum Total Credit Hours: 30-43

Curriculum and Teaching Studies Concentration Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</table>

Concentration Requirements
Concentration Electives, choose from the following: 9
CI 61130 MULTICULTURAL EDUCATION: STRATEGIES
CI 67003 TEACHER EDUCATION
CI 67004 PROFESSIONAL DEVELOPMENT IN TEACHING
CI 67010 CURRICULUM EVALUATION

Curriculum and Instruction Electives, choose from list above or with advisor approval: 12

Minimum Total Credit Hours: 21

English/Language Arts Education Concentration Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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Concentration Requirements
Concentration Electives, choose from the following: 9
CI 67310 THEORY AND PRACTICE IN THE TEACHING OF READING
CI 67312 TEACHING WRITING AS A PROCESS
CI 67314 SURVEY OF YOUNG ADULT LITERATURE
CI 67315 SURVEY OF CHILDREN'S LITERATURE
CI 67339 WRITING ASSESSMENT AND RESPONSE
CI 67517 NEW LITERACIES IN PRACTICE

Curriculum and Instruction Electives, choose from list above or with advisor approval: 12

Minimum Total Credit Hours: 21

Mathematics Education Concentration Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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Concentration Requirements
ADED 52267 IMPROVING MATHEMATICS INSTRUCTION FOR ADOLESCENT AND ADULT EDUCATION
or CI 67224 TEACHING MATHEMATICS USING COMPUTERS AND CALCULATORS
or CI 67226 IMPROVING MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD
CI 67225 RESEARCH IN MATHEMATICS EDUCATION
CI 67791 SEMINAR IN MATHEMATICS EDUCATION

Curriculum and Instruction Electives, choose from list above or with advisor approval: 12

Minimum Total Credit Hours: 21

Middle Childhood Education Concentration Requirements

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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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Concentration Requirements
CI 67107 CURRICULUM AND ORGANIZATION IN THE MIDDLE GRADES
CI 67108 TEACHING AND LEARNING IN THE MIDDLE GRADES
HDFS 64027 EARLY ADOLESCENCE

Concentration Electives, choose from the following: 3
Curriculum and Instruction Electives, choose from list above or with advisor approval
Minimum Total Credit Hours: 9

Secondary Education Concentration Requirements

<table>
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<td>CI 67003</td>
<td>TEACHER EDUCATION</td>
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<tr>
<td>CI 67004</td>
<td>PROFESSIONAL DEVELOPMENT IN TEACHING</td>
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<tr>
<td>CI 67010</td>
<td>CURRICULUM EVALUATION</td>
<td>3</td>
</tr>
</tbody>
</table>

Curriculum and Instruction Electives (advisor approval)
Minimum Total Credit Hours: 9

Minimum Total Credit Hours: 21

Licensure information
Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. Students should consult with 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.