

# EDUCATION, MASTER OF SCIENCE

- Education, Master of Science – Digital Age Learning and Educational Technology (Online) (<https://e-catalogue.jhu.edu/education/programs/masters/education-master-science/digital-age-learning-educational-technology/>)
- Education, Master of Science - Educational Studies (<https://e-catalogue.jhu.edu/education/programs/masters/education-master-science/educational-studies/>)
- Education, Master of Science - Gifted Education (<https://e-catalogue.jhu.edu/education/programs/masters/education-master-science/gifted-education/>)
- Education, Master of Science - School Administration and Supervision (<https://e-catalogue.jhu.edu/education/programs/masters/education-master-science/school-administration-supervision/>)

## ITGL Program Learning Outcomes

1. **Globally-Oriented Leadership.** Critically examine the nature of leadership within the current global society and demonstrate the ability to apply action-oriented, entrepreneurial, globally competent leadership skills to effectively navigate and address complex challenges in diverse and dynamic contexts.
2. **Global Competency.** Demonstrate global competencies, including intercultural understanding, global citizenship, perspective-taking, collaboration, and the ability to contextualize educational issues within global trends and world society.
3. **Research Evidence.** Review, interpret, and synthesize research evidence to develop effective solutions for complex global education challenges. Students will apply advanced knowledge and skills to implement sophisticated, contextually appropriate, and actionable strategies to drive meaningful impact in schools, classrooms, businesses, governments, non-profits, and communities.
4. **21st Century Communication.** Effectively communicate complex ideas and solutions using diverse communication modalities, conveying evidence-based knowledge to a variety of stakeholders.
5. **AI/Technology.** Demonstrate technological competency by creatively leveraging AI-empowered and globally relevant technological tools to reimagine technology's role in education and society, applying a nuanced understanding of AI-human interaction to design and implement innovative, globally impactful solutions that enhance learning and improve quality of life.
6. **Specialized Expertise.** Develop deep expert knowledge in their chosen focus area, demonstrating advanced understanding and practical application of specialized concepts, methodologies, and practices.

## International Teaching and Global Leadership Cohort

The Master of Science in Education – International Teaching and Global Leadership Cohort (ITGL) prepares international educators to become innovative education leaders, with the knowledge and skills to transform schools, systems, and other fast-changing learning environments around the world. The 33-credit cohort (35 credits for TEFL), which includes both core and focus area courses, provides our candidates with the opportunity to build a solid foundation of theory and practice through three semesters of coursework and continuous practical experiences.

With exposure to a variety of educational experiences, candidates gain a comprehensive understanding of the different educational models employed in their focus area. This degree prepares candidates to apply their expertise effectively in their home countries.

## Applied Research

Learn research methods and design to make decisions and solve problems. Analyze quantitative and qualitative data. Prepare technical reports, research proposals, and presentations. This focus area emphasizes developing the knowledge and skills needed to conduct applied research in professional educational settings, research, or international development organizations or preparing for future doctoral study.

## Creative and Innovative Education

When promising learners are not engaged and challenged, a whole nation can lose tremendous potential. This focus area emphasizes developing effective programs and instruction for creative and innovative learners and instilling those learning skills in all students.

## Digital Age Teaching and Learning Technology

Integrating technology into the classroom is the most highly demanded skill in education today. This focus area emphasizes Johns Hopkins expertise in creating leading-edge online tools and implementing new methods to manage educational data.

## Early Childhood

Young children learn best through structured, engaged play. This focus area emphasizes implementing evidence-based practices that bring together the latest research in neuroscience and child development to support young students.

## Entrepreneur in Education

Promoting innovation in the paradigms, strategies, values and culture in school systems, social entrepreneurial ventures, and education companies is critical in today's educational landscape. This focus area emphasizes preparing international entrepreneurs to be creative and innovative, with the knowledge and skills to become successful leaders in entrepreneurial education around the world.

## Teaching English as a Foreign Language

In a rapidly changing global environment, education leaders play a critical role in promoting intercultural competence and respect for all learners, their languages, and their cultures. This focus area emphasizes research-based instructional practices specifically designed to foster a caring, positive partnership, team, or community that maximizes learner engagement, learning, and achievement.

## Admission

Please visit the website (<https://education.jhu.edu/masters-programs/ms-in-education-international-teaching-global-leadership-cohort/>) for details.

## Requirements

| Code                                  | Title  | Credits |
|---------------------------------------|--|---------|
| <i>Core Requirements (18 credits)</i> |  |         |
| ED.813.652                            | Introduction to Global Education Policy and Analysis | 3       |
| ED.855.600                            | Extended Learning I (0 credit learning experience)   | 0       |

|  |   |              |
|--|---|--------------|
| ED.855.601   | Extended Learning II (0 credit learning experience)                           | 0            |
| ED.855.610   | Seminar in Teacher Leadership   | 3            |
| ED.855.619   | Global Leadership   | 3            |
| ED.855.631   | Global Trends in Education: Challenges and Opportunities                      | 3            |
| ED.881.611   | Action Research for School Improvement  | 3            |
| ED.881.622   | Advanced Instructional Strategies   | 3            |
| <b>Students must take 2 out of the 3 following courses (6 credits)</b> |   | <b>6</b>     |
| ED.855.609   | Introduction to Entrepreneurship in Education                                 |              |
| ED.887.615   | Explorations in Mind, Brain, and Teaching                                     |              |
| ED.893.653   | AI in Education   |              |
| <b>Select One Focus Area</b>   |   | <b>9-11</b>  |
| <i>Applied Research Focus</i>  |   |              |
| ED.820.600   | Introduction to Statistics<br>or ED.820.60 Intermediate Statistics            |              |
| ED.830.600   | Introduction to Social Science Research                                       |              |
| ED.883.711   | Introduction to Qualitative Inquiry   |              |
| <i>Creative and Innovative Education Focus</i>                         |   |              |
| ED.885.505   | Creativity in Education   |              |
| ED.885.501   | The Gifted Learner  |              |
| ED.885.510   | Curriculum, Instruction, and Assessment for Advanced Learners                 |              |
| <i>Digital Age Teaching and Learning Focus</i>                         |   |              |
| ED.893.550   | Emerging Issues in Digital Age Learning                                       |              |
| ED.893.628   | Gaming and Simulations for Learning   |              |
| ED.893.652   | Learning Sciences Studio: Theory, Analysis, and Educational Technology Design |              |
| <i>Early Childhood Focus</i>   |   |              |
| ED.855.603   | The Early Childhood Learner   |              |
| ED.855.608   | Comparative High Quality Practices in Early Education                         |              |
| ED.855.630   | Authentic Assessment and Measuring Child Outcomes and School Readiness        |              |
| <i>Entrepreneur in Education Focus</i>                                 |   |              |
| ED.855.614   | Planning a New Venture in Education   |              |
| ED.855.617   | Launching a New Venture in Education  |              |
| ED.855.618   | The Sustainable Venture   |              |
| <i>Teaching English as a Foreign Language Focus</i>                    |   |              |
| ED.855.500   | Language Acquisition in TEFL  |              |
| ED.855.501   | Language and Culture in TEFL  |              |
| ED.855.502   | Program Evaluation and Learner Assessment in TEFL                             |              |
| ED.855.510   | Building Productive Learning Relationships for TEFL                           |              |
| ED.855.520   | Promoting Active Engagement and Learning for TEFL                             |              |
| <b>Total Credits</b>   |   | <b>33-35</b> |

## Learning Outcomes

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## Sample Program Plan(s)

### Three Term Program Plan Sample

| Course                     | Title   | Credits   |
|----------------------------|---|-----------|
| <b>First Year</b>          |   |           |
| <b>Fall</b>                |   |           |
| ED.855.609                 | Introduction to Entrepreneurship in Education                       | 3         |
| ED.855.610                 | Seminar in Teacher Leadership                                       | 1         |
| ED.855.631                 | Global Trends in Education: Challenges and Opportunities            | 3         |
| ED.887.615                 | Explorations in Mind, Brain, and Teaching                           | 3         |
| ED.855.600                 | Extended Learning I   | 0         |
| Focus Area Elective Course |   | 3         |
| <b>Credits</b>             |   | <b>13</b> |
| <b>Spring</b>              |   |           |
| ED.813.652                 | Introduction to Global Education Policy and Analysis                | 3         |
| ED.855.610                 | Seminar in Teacher Leadership                                       | 1         |
| ED.855.619                 | Global Leadership   | 3         |
| ED.881.622                 | Advanced Instructional Strategies                                   | 3         |
| ED.855.601                 | Extended Learning II  | 0         |
| Focus Area Elective Course |   | 3         |
| <b>Credits</b>             |   | <b>13</b> |
| <b>Summer Term</b>         |   |           |
| ED.855.610                 | Seminar in Teacher Leadership                                       | 1         |
| ED.881.611                 | Action Research for School Improvement (Focus Area Elective Course) | 3         |
| Focus Area Elective Course |   | 3         |
| <b>Credits</b>             |   | <b>7</b>  |
| <b>Total Credits</b>       |   | <b>33</b> |

## Four Semester Program Plan Sample

| Course                     | Title  | Credits   |
|----------------------------|--|-----------|
| <b>First Year</b>          |  |           |
| <b>Spring</b>              |  |           |
| ED.855.610                 | Seminar in Teacher Leadership  | 1         |
| ED.855.619                 | Global Leadership  | 3         |
| ED.881.622                 | Advanced Instructional Strategies                                      | 3         |
| ED.855.600                 | Extended Learning I  | 0         |
| Focus Area Elective Course |  | 3         |
| <b>Credits</b>             |  | <b>10</b> |
| <b>Summer Term</b>         |  |           |
| ED.881.611                 | Action Research for School Improvement<br>(Focus Area Elective Course) | 3         |
| ED.887.615                 | Explorations in Mind, Brain, and Teaching                              | 3         |
| Focus Area Elective Course |  | 3         |
| <b>Credits</b>             |  | <b>9</b>  |
| <b>Second Year</b>         |  |           |
| <b>Fall</b>                |  |           |
| ED.855.609                 | Introduction to Entrepreneurship in<br>Education                       | 3         |
| ED.855.610                 | Seminar in Teacher Leadership  | 1         |
| ED.855.631                 | Global Trends in Education: Challenges and<br>Opportunities            | 3         |
| ED.855.601                 | Extended Learning II   | 0         |
| Focus Area Elective Course |  | 3         |
| <b>Credits</b>             |  | <b>10</b> |
| <b>Spring</b>              |  |           |
| ED.813.652                 | Introduction to Global Education Policy and<br>Analysis                | 3         |
| ED.855.610                 | Seminar in Teacher Leadership  | 1         |
| Extended Learning III      |  | 0         |
| <b>Credits</b>             |  | <b>4</b>  |
| <b>Total Credits</b>       |  | <b>33</b> |