

HEALTH PROFESSIONS (ONLINE), MASTER OF EDUCATION

The 34.5-credit Master of Education (M.Ed.) in the Health Professions (MEHP) with the embedded post-master's certificate (see Post-Master's Certificate in Evidence-Based Teaching in the Health Professions (<https://e-catalogue.jhu.edu/education/programs/evidence-based-teaching-health-professions-post-masters-certificate/>) for more information) are offered through a partnership among five JHU schools: Education, Medicine, Nursing, Public Health, and Business. The interprofessional educational experiences in the program are designed and delivered by faculty teams from the partner schools. Core course requirements examine adult learning and development theories, hypotheses-driven education-based practice, curriculum development, assessment and feedback, instructional strategies, educational scholarship, cultural competence, artificial intelligence, and technology integration.

The goal of the program is to develop interprofessional leaders and change agents who will globally transform health professions education.

Specialization tracks in the second half of the program address leadership, research, or a customized combination of both leadership and research. All tracks include courses in Development, Management, and Evaluation, and a three-course capstone project sequence focused on evaluation or research in health professions education. Leadership courses include Leadership Essentials, and Leadership Theory in Practice. Research courses include Mixed Methods and Understanding Educational Research. The customized Leadership and Research track is a combination of research and leadership courses that are accompanied by a rationale that aligns to a fellow's specific career goals. Electives include Mentoring, Advanced Simulation, Applied Statistics, Survey Design, and Application of Artificial Intelligence in Health Professions Education.

This program is designed to serve accomplished health professionals with advanced degrees in medicine, nursing, public health, pharmacy, dentistry, and other allied health fields. The curriculum prepares participants (MEHP Fellows) to become effective educators, educational leaders, and educational researchers. Applicants are required to hold an advanced degree (terminal degree preferred) in a health professions related field. All courses are offered in an online format and MEHP Fellows can complete the masters' degree within two-to-four years.

The master's program includes an educator portfolio built through the various courses of the program and a capstone experience in either educational leadership/professional development or educational research. MEHP Fellows are provided opportunities to engage in deep discussions, team projects, and group presentations in an interactive online community. Courses are asynchronous with some synchronous sessions. The course schedule and online format is designed to complement the lives of busy health professionals who want to advance their competence as educators.

Program Requirements

Master's Degree Tracks

To earn the full 34.5-credit master's degree, MEHP students complete the core courses and one of two track specialty options in educational leadership or in educational research. Both options include the continued

development of a portfolio and a mentored capstone project/research study.

The Portfolio spans the MEHP Fellow's tenure in the program and comprises two components. The Core Portfolio, with artifacts and reflections from core coursework, is completed prior to beginning track and capstone courses. Portfolio work continues with the Specialization Portfolio comprising artifacts and reflections on the Fellow's selected track. An overall program reflection is completed at the end of the program, prior to graduation.

The capstone project is designed, implemented, analyzed, and presented in a manuscript aligned with the guidelines for a selected target journal. The manuscript is reviewed and feedback provided in preparation for journal submission.

In the educational leadership development track, students develop skills in program design, advocacy, evaluation, leadership skills, program management, and faculty evaluation. Students in the research track develop skills in educational research methodology, mixed methods research, and educational research design. Fellows also have the option to create a customized Leadership/Research Track by creating an academic plan with selected courses from each track, providing a rationale for this request, and submitting for approval from the program director.

Additionally, students must meet the GPA and Grade Requirements found on the Graduation Page (<https://e-catalogue.jhu.edu/education/graduation/>) for the School of Education.

Requirements

Code	Title	Credits
Required Core Courses		
ED.610.600	Introduction to Teaching, Scholarship, and Research in Health Professions	
ED.610.610	Foundation to Innovation: Adult Learning	3
ED.880.629	Evidence-Based Teaching	3
ED.880.631	Ensuring Learning through Assessment and Feedback	3
ED.880.633	Curriculum Development	3
ED.880.635	Instructional Strategies I	1.5
ED.880.637	Instructional Strategies II	1.5
ED.880.639	Development, Management, and Evaluation of Health Professions Education Programs	3
ED.880.661	Educational Scholarship: Design	1.5
ED.880.662	Educational Scholarship: Implementation	1.5
Elective Course(s) (3 credits required)		3
ED.880.610	Writing Grant and Contract Proposals for Health Professions Education	
ED.880.643	Mentoring in Health Professions Education Programs	
ED.880.667	Applied Statistics	
ED.880.644	Advanced Simulation Strategies	
ED.880.652	Survey Design for Research in Health Professions Education	
Track Courses in Research or Leadership (See Charts Below)		10.5
Total Credits		34.5

Educational Leadership/Professional Development Track

Code	Title	Credits
Required Courses		
ED.880.641	Leadership Essentials for Health Professions Educators	3
ED.880.642	Leadership Theory in Action for Health Professions Educators	3
ED.880.672	Leadership Capstone in Health Professions Education I: Problem, Gap, Hook, and Methods	1.5
ED.880.673	Leadership Capstone in Health Professions Education II: Implementation and Results	1.5
ED.880.674	Leadership Capstone in Health Professions Education III: Analysis, Discussion, Conclusion, Dissemination	1.5
Total Credits		10.5

Educational Research Track

Code	Title	Credits
Required Courses		
ED.883.510	Understanding Educational Research	3
ED.880.665	Mixed Methods Research	3
ED.880.676	Research Capstone in Health Professions Education I: Problem, Gap, Hook, and Methods	1.5
ED.880.677	Research Capstone in Health Professions Education II: Implementation and Results	1.5
ED.880.678	Research Capstone in Health Professions Education III: Analysis, Discussion, Conclusion, Dissemination	1.5
Total Credits		10.5

Sample Program Plans

Degree Completion in Two Years

Course	Title	Credits
First Year		
Summer Term		
ED.610.600	Introduction to Teaching, Scholarship, and Research in Health Professions	0
Credits		0
Total Credits		0
Second Year		
First Year		
Fall		
ED.610.610	Foundation to Innovation: Adult Learning	3
ED.880.633	Curriculum Development	3
ED.880.635	Instructional Strategies I	1.5
ED.880.661	Educational Scholarship: Design	1.5
Credits		9
Spring		
ED.880.629	Evidence-Based Teaching	3
ED.880.631	Ensuring Learning through Assessment and Feedback	3
ED.880.637	Instructional Strategies II	1.5

ED.880.661	Educational Scholarship: Design	1.5
Credits		9
Summer Term		
Capstone 1		
Credits		1.5
Second Year		
Fall		
ED.880.639	Development, Management, and Evaluation of Health Professions Education Programs	3
Research or Leadership Track Course 1		3
Capstone 2		1.5
Elective		1.5
ED.880.652	Survey Design for Research in Health Professions Education	
Credits		9
Spring		
Research or Leadership Track Course 2		3
Capstone 3		1.5
Elective		1.5
ED.880.644	Advanced Simulation Strategies	
Credits		6
Total Credits		34.5

Degree Completion in Four Years

Completion in Four Years

Course	Title	Credits
First Year		
Summer Term		
ED.610.600	Introduction to Teaching, Scholarship, and Research in Health Professions	0
Credits		0
Total Credits		0
Second Year		
First Year		
Fall		
ED.610.610	Foundation to Innovation: Adult Learning	3
ED.880.635	Instructional Strategies I	1.5
Credits		4.5
Spring		
ED.880.629	Evidence-Based Teaching	3
ED.880.637	Instructional Strategies II	1.5
Credits		4.5
Second Year		
Fall		
ED.880.633	Curriculum Development	3
ED.880.661	Educational Scholarship: Design	1.5
Credits		4.5
Spring		
ED.880.631	Ensuring Learning through Assessment and Feedback	3

ED.880.662	Educational Scholarship: Implementation	1.5
Credits		4.5
Third Year		
Fall		
ED.880.639	Development, Management, and Evaluation of Health Professions Education Programs	3
Capstone 1		1.5
Credits		4.5
Spring		
Research or Leadership Track Course 1		3
Capstone 2		1.5
Credits		4.5
Fourth Year		
Fall		
Research or Leadership Track Course 2		3
Capstone 3		1.5
Credits		4.5
Spring		
Elective Course		3
Credits		3
Total Credits		34.5

- Apply cultural competence to educational program development and delivery.

Educational Research Track

Participants will learn to:

- Experiment to determine the effectiveness of knowledge transfer.
- Design and implement a scholarly project that uses appropriate methodology to evaluate programs or plan curricula.
- Review the appropriate literature and state the problem to be examined.
- Analyze data from quantitative and qualitative sources.
- Interpret data from quantitative and qualitative sources and identify limitations.
- Disseminate findings.

Learning Outcomes

Participants will learn to:

- Apply evidence-based strategies and methodologies to teach in a variety of settings.
- Use the assessment of learner needs in order to differentiate instruction.
- Effectively plan instruction and teach from an interprofessional perspective.
- Effectively teach as a member of an interprofessional team.
- Provide interdisciplinary learning experiences.
- Incorporate their knowledge of standards and standards-based instructional approaches to teaching.
- Demonstrate collaborative and clinical teaching models.
- Effectively assess learning.
- Effectively integrate technology into instruction.
- Demonstrate understanding of learning principles, theory, and development.
- Function as reflective practitioners.
- Demonstrate how to design, implement, and evaluate curriculum.
- Demonstrate cultural competence with colleagues and learners.
- Advise students effectively.

Educational Leadership/Professional Development Track

Participants will learn to:

- Serve as a mentor to others in their institution.
- Build and evaluate professional development programs.
- Evaluate professional development opportunities to improve them.
- Be a change agent in their organization.
- Incorporate the contributions of various health professions.
- Demonstrate negotiation skills.