

# EVIDENCE-BASED TEACHING IN THE HEALTH PROFESSIONS, POST- MASTER’S CERTIFICATE

The 18-credit Post–Master’s Certificate in Evidence-Based Teaching in the Health Professions program was developed through a partnership among five JHU schools: Education, Medicine, Nursing, Public Health, and Business, and is an embedded program within the Master of Education in the Health Professions (<https://e-catalogue.jhu.edu/education/programs/masters/health-professions-online-master-education/>).

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 prepare health professionals to teach effectively.

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 the certificate can be completed within one to three years.

Fellows are provided opportunities to engage in deep discussions, team projects, and group presentations in an interactive online community. 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

In addition to the coursework listed below, Fellows must meet the GPA and Grade Requirements found on the Graduation Page (<https://e-catalogue.jhu.edu/education/graduation/>) for the School of Education.

Code	Title	Credits
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.880.661	Educational Scholarship: Design	1.5
ED.880.662	Educational Scholarship: Implementation	1.5
<b>Total Credits</b>		<b>18</b>

*Note: See also the related Master of Education in the Health Professions (<https://e-catalogue.jhu.edu/education/programs/health-professions-online-master-education/>).*

## Sample Program Plan Completion in One Year

Course	Title	Credits
<b>First Year</b>		
<b>Summer Term</b>		
ED.610.600	Introduction to Teaching, Scholarship, and Research in Health Professions	0
<b>Credits</b>		<b>0</b>
<b>Total Credits</b>		<b>0</b>

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
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
<b>Credits</b>		<b>9</b>

<b>Spring</b>		
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.880.662	Educational Scholarship: Implementation	1.5
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>18</b>

## Completion in Two Years

Course	Title	Credits
<b>First Year</b>		
<b>Summer Term</b>		
ED.610.600	Introduction to Teaching, Scholarship, and Research in Health Professions	0
<b>Credits</b>		<b>0</b>
<b>Total Credits</b>		<b>0</b>

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ED.610.610	Foundation to Innovation: Adult Learning	3
ED.880.635	Instructional Strategies I	1.5
<b>Credits</b>		<b>4.5</b>

<b>Spring</b>		
ED.880.629	Evidence-Based Teaching	3
ED.880.637	Instructional Strategies II	1.5
<b>Credits</b>		<b>4.5</b>

<b>Second Year</b>		
<b>Fall</b>		
ED.880.633	Curriculum Development	3
ED.880.661	Educational Scholarship: Design	1.5
<b>Credits</b>		<b>4.5</b>

**Spring**

ED.880.631	Ensuring Learning through Assessment and Feedback	3
ED.880.662	Educational Scholarship: Implementation	1.5
<b>Credits</b>		<b>4.5</b>
<b>Total Credits</b>		<b>18</b>

## Learning Outcomes

### Certificate Program Goals

As part of the certificate, participants will:

- Apply evidence-based strategies and methodologies to teach in a variety of settings.
- Demonstrate 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.
- Employ collaborative and clinical teaching models.
- Assess learning.
- Effectively integrate current and emerging technology into instruction.
- Demonstrate understanding of adult learning principles, theory, and development.
- Function as reflective practitioners.
- Design, implement, and evaluate curriculum.
- Enhance cultural competence and understand its applicability to effective teaching, learning and communication.
- Advise students effectively.