

UNIVERSITY OF PITTSBURGH MASTERS IN MEDICAL EDUCATION CURRICULAR MAP*

Domain	Competency	Courses	Program Goal(s)**
Education Theory	--Maintains knowledge of education theory, psychology, and principles and applies this knowledge to education practice	<ul style="list-style-type: none"> • Fundamentals of Adult Learning Part I/II • Enhancing Teaching Skills • Current Topics in Teaching and Learning-A Seminar Series 	1 (Teaching)
Teaching	--Effectively uses scholarly teaching techniques in the clinical and extraclinical environment --Promotes the educational development of other faculty	<ul style="list-style-type: none"> • Enhancing Teaching Skills • Strategies for Dealing with the Problem Learner • Teaching Communication Skills • Fundamentals of Adult Learning Part 1/II • Innovation in Teaching and Learning • Current Topics in Teaching and Learning-A Seminar Series • Teaching Practicum-Inpatient, Outpatient, Classroom 	1 (Teaching) 3 (Professional Development)
Assessment	--Designs assessment programs using appropriate strategies and instruments	<ul style="list-style-type: none"> • Assessment of Medical Learners • Management of Educational Programs • Teaching Communication Skills • Current Topics in Teaching and Learning-A Seminar Series • Current Topics in Med Ed Research-A Seminar Series 	1 (Teaching) 2 (Administration)
Curriculum Development	--Applies learning theories and adopts best practices to systematically design education programs --Conducts program evaluation to measure its impact	<ul style="list-style-type: none"> • Curriculum Development • Innovation in Teaching and Learning • Survey Design and Data Analysis • Qualitative Research Methods • Current Topics in Teaching and Learning-A Seminar Series • Current Topics in Med Ed Research-A Seminar Series 	1 (Teaching) 4 (Research/Scholarship)
Communication	--Employs effective communication strategies to accurately convey ideas to learners and colleagues	<ul style="list-style-type: none"> • Medical Writing and Presentation Skills • Professional Development • Introduction to Grant Writing • Strategic Leadership in Academic Medicine • Making the Most of Mentoring • Cultural Competence • Current Topics in Teaching and Learning-A Seminar Series 	1 (Teaching) 2 (Administration) 3 (Professional Development)
Leadership	--Leads or implements change in educational programs or organizations --Administers educational programs	<ul style="list-style-type: none"> • Management of Educational Programs • Strategic Leadership in Academic Medicine • Professional Development • Cultural Competence • Current Topics in Teaching and Learning-A Seminar Series 	2 (Administration) 3 (Professional Development)
Scholarship	--Contributes to the development, dissemination, and translation of health professions education knowledge and practices	<ul style="list-style-type: none"> • Curriculum Development • Introduction to Grant Writing • Computer Methods in Clinical Research • Clinical Research Methods • Biostatistics • Measurement in Clinical Research • Survey Design and Data Analysis • Qualitative Research Methods • Current Topics in Med Ed Research-A Seminar Series 	4 (Research/Scholarship)

*Domains of Competence for Clinician-Educators from Sherbino, J et. al. Academic Medicine Vol. 89, No. 5/May 2014

****University of Pittsburgh Masters in Medical Education GOALS:**

- 1) To establish and refine effective clinical and classroom teaching skills. **(TEACHING)**
- 2) To enhance knowledge of the administrative aspects of leading training programs in medical education. **(ADMINISTRATION)**
- 3) To enhance skills for professional development, leadership, and advancement. **(PROFESSIONAL DEVELOPMENT)**
- 4) To develop and refine research skills so as to effectively interpret, conduct, and disseminate high quality research in medical education and curriculum development. **(RESEARCH/SCHOLARSHIP)**

Courses	
MEDEDU 2045: Survey Design and Data Analysis	MEDEDU 2045: Survey Design and Data Analysis
MEDEDU 2080: Master's Thesis Credit	MEDEDU 2100: Enhancing Teaching Skills
MEDEDU 2111: Fundamentals of Adult Learning Part I	MEDEDU 2125: Assessment of Medical Learners
MEDEDU 2140: Medical Writing and Presentation Skills	MEDEDU 2131: Strategies for Dealing with the Problem Learner
MEDEDU 2150: Management of Educational Programs	MEDEDU 2170: Making the Most of Mentoring
MEDEDU 2160: Current Topics in Teaching and Learning – A Seminar Series	MEDEDU 2250: Teaching Communication Skills
MEDEDU 2201: Teaching Practicum: Outpatient Teaching	MEDEDU 2005 Computer Methods in Clinical Research
MEDEDU 2202: Teaching Practicum: Inpatient Teaching	MEDEDU 2010 Clinical Research Methods
MEDEDU 2203: Teaching Practicum: Classroom Teaching	MEDEDU 2020 Biostatistics
MEDEDU 2230: Innovation in Teaching and Learning	MEDEDU 2040 Measurement in Clinical Research
MEDEDU 2240: Cultural Competence	MEDEDU 2120 Professional Development
MEDEDU 2260: Current Topics in Medical Education Research – A Seminar Series	MEDEDU 2130 Curriculum Development
MEDEDU 2325: Fundamentals of Adult Learning Part II	MEDEDU 2185 Strategic Leadership in Academic Medicine
CLRES 2076: Introduction to Grant Writing	
CLRES 2400: Qualitative Research Methods	COURSES IN BOLD ARE REQUIRED FOR MS