

Medical Education (MHPE)

Courses

MHPE 433. Principles of Evidence-Based Health Care. 2 hours.

Qualitative and quantitative assessment of human subject clinical research: locating, evaluating, comparing scientific papers as bases for health care education and practice. Course Information: Same as BHIS 433. Prerequisite(s): Graduate or professional standing and approval of the school.

MHPE 439. Writing for Scientific Publication. 2 hours.

Instruction and workshop explores the process of fully preparing and submitting a manuscript to a health professions journal. Students must bring analyzed data set. Course Information: Prerequisite(s): Graduate or professional standing and consent of the instructor.

MHPE 441. Clinical Decision Making. 2 hours.

Introduction to descriptive and normative theories of decision making; interpretation of diagnostic tests; measuring patient preferences; decision analysis and cost-effectiveness analysis; psychology of judgment and choice. Course Information: Prerequisite(s): Consent of the instructor.

MHPE 494. Special Topics in Health Professions Education. 1-4 hours.

Selected topics of current interest in health professions education. Course Information: May be repeated with approval. Students may register in more than one section per term. Approval to repeat course granted by the department. Prerequisite(s): Prerequisites may vary by section, depending upon topic.

MHPE 501. Scholarship in Health Professions Education. 4 hours.

Introduction to methods and evaluation of scholarship in health professions education. Course Information: Prerequisite(s): Graduate or professional standing and consent of the instructor.

MHPE 502. Instruction and Assessment for Health Professionals. 4 hours.

Methods and issues of effective instruction and assessment in health professions education are presented, including how effective instruction and assessment support student learning and faculty decisions. Course Information: Prerequisite(s): Consent of the instructor.

MHPE 503. Curriculum Planning and Program Evaluation for Health Professionals. 4 hours.

Methods and issues in planning and evaluating educational programs in the health professions are presented, including how institutional and social forces affect planning and evaluation. Course Information: Prerequisite(s): Approval of the department.

MHPE 504. Leadership in Health Professions Education. 4 hours.

Focuses on problems, issues, and practices of leadership in health professions education.

MHPE 505. Introduction to Health Professions Education: Leadership, Scholarship, and Current Issues. 2 hours.

Serves the intertwined purposes of providing an orientation to the MHPE program's major goals and themes, its programmatic elements, and its prototypical instructional methods of active and collaborative learning. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

MHPE 506. Introduction to Health Professions Education for PhD Students. 2 hours.

Provides an orientation to the PhD program and to health professions education coursework. Additionally, provides an introduction to requisite skills necessary for success in a PhD Program. Course Information: Prerequisite(s): Open only to students in the PhD in Health Professions Education and approval of the department.

MHPE 514. Credentialing Professionals: Accreditation, Certification and Licensure. 2 hours.

Examines credentialing systems and the relationships between credentialing and professional competence. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

MHPE 530. Introduction to Quantitative Data Analysis. 2 hours.

Provides an introduction to quantitative reasoning, particularly the implementation and interpretation of commonly used in descriptive and inferential statistics in health professions education. Course Information: Extensive computer use required. Prerequisite(s): Departmental approval required.

MHPE 532. Qualitative Methods. 2 hours.

The course provides students with a broad overview of the epistemology, design, methods, data types, results, and reporting forms of qualitative research and helps students develop skills in qualitative data analysis. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

MHPE 533. Survey Research Methods. 2 hours.

Discusses the basics of quantitative survey design, administration, scoring, and statistical analysis for use in research and evaluation settings. Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing; and approval of the department.

MHPE 537. Writing for Scientific Publication. 2 hours.

Students will have the opportunity to learn and practice both the skills needed to produce a research manuscript and a conceptual approach to writing that will carry over to future projects--research reports or other works of scholarship. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department. Each student must bring to class a personal writing project based on a study with an already available data set that has been analyzed at least preliminarily. The topic of the study can be educational or clinical.

MHPE 551. Cognition, Expertise, and Instructional Design in Health Professions Education. 2 hours.

Addresses the implications of human cognition for instructional design in health profession education. It will involve a critical examination of research on expertise, expertise development, and instructional design. Course Information: Prerequisite(s): Departmental approval required.

MHPE 556. Current and Innovative Assessment Approaches. 2 hours.

Explores assessment approaches including standardized oral exams, Key Features, situational judgment tests, programmatic assessment, assessment in mastery learning settings, and how assessment affects learning. The focus is on assessment validity. Course Information: Prerequisite(s): Department approval required.

MHPE 592. Applied Health Profession Education Experience. 1-4 hours.

Students will engage in a mentored, applied experience to better facilitate integration of health education professions concepts within applied settings, such as research, editorial work, or teaching. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 8 hours. Students may register for more than one section per term. Prerequisite(s): Open only to students in the PhD in Health Professions Education and approval of the department.

MHPE 595. Departmental Qualifying Exam Preparatory Course. 4 hours.

This independent tutorial-style course is designed to provide students with support in their preparation for their comprehensive exam. Course Information: Satisfactory/Unsatisfactory grading only. Should be taken the semester prior to completing the departmental qualifying examination. Students will be supervised by the program DGS. Prerequisite(s): Open only to students in the PhD in Health Professions Education and approval of the department.

MHPE 596. Independent Study. 1-4 hours.

Selected problems or issues in health professions education are investigated under the direction of a faculty member of the student's choice.

MHPE 597. Project Research. 0-6 hours.

Selected problems or issues in health professions education are investigated under the direction of a committee of the student's choice. Course Information: Satisfactory/Unsatisfactory grading only.

MHPE 598. Thesis Research. 0-16 hours.

Selected problems or issues in health professions education are investigated under the direction of a committee of the student's choice. Course Information: Satisfactory/Unsatisfactory grading only.

MHPE 599. PhD Thesis/Dissertation Research. 0-16 hours.

Independent research by the student under the supervision of the thesis/dissertation advisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Open only to students in the PhD in Health Professions Education and approval of the department.