

Masters of Education Teaching Emphasis in Health Science Education

The University of Houston Master of Education in Teaching with an emphasis in the Health Sciences is designed to meet the needs of the medical educator who is seeking to increase his or her instructional effectiveness. The degree is granted through the Department of Curriculum and Instruction in the School of Education at the University of Houston. This is a collaborative initiative among BCM and the University of Texas Dental Branch and Medical School at Houston.

This 36 semester hour curriculum is normally completed in two years, but students may take up to 5 years to complete the coursework. Courses will be taught in the Medical Center or on-line via the Internet. Course content will emphasize applications in the health venue settings. Up to 9 semester hours (with the approval of the advisor and the associate dean for graduate studies) of transfer credit can be accepted.

Participants may choose to emphasize instruction, educational research, or instructional technology.

The applicant will be expected to meet the admissions requirements for the College of Education graduate study as specified in the current issue of the University of Houston Catalog.

For more information contact:

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Core Courses:

CUIN 6360 - Principles of Curriculum Development - Principles of curriculum and organization and the selection and evaluation of instructional materials.

EPSY 6300 - Introduction of Educational and Psychological Measurement - Construction, usage, and interpretation of teacher-made and standardized testing instruments; consideration of reliability, validity, and processes of educational evaluation.

EPSY 6340 - Principles of Human Learning - An introduction to the learning process; principles considered include acquisition and transfer, retention, motivation and mediation and their relation to the school environment.

Major:

CUIN 6345 - Integrating Technology into the Curriculum - Focuses on the practical integration of technology into the curriculum. Appropriate uses of technology and software will be examined and developed..

CUIN 6371 - Models of Teaching - Empirical and theoretical examination of models of teaching based upon studies of teacher roles and role behaviors.

CUIN 7373 - Generic Teaching Strategies - Detailed examination of teaching strategies that are empirically determined to underlie various teacher-learning situations.

CUIN 6373 - Instructional Design - Study and application of a systems approach to the design of instruction.

CUIN 7378 - Instructional Evaluation - Development of understanding and skills for evaluation of student progress, student achievement, and instructional effectiveness.

CUIN 7392 - Internship - Part or fulltime experiences in educational situations, in which all participants work at a high level of independence and usually in a role for which they are being prepared.

Electives (Research Emphasis):

CUIN 6397 - Educational Research - Consideration of various inquiry strategies and associated research methods.

CUIN 6397 - Statistical Analyses - Basic descriptive and inferential statistical analyses and their application in educational research.

CUIN 6398 - Special Problems (Educational Research) - Development of an educational research project.

Electives (Instructional Technology):

CUIN 6397 - Technology Integration in Instruction - Study and application of theories and processes for the improvement of the integration of technology in instruction.

CUIN 7360 - Curriculum Theory - Problems in curriculum theory, including the role of the teacher in the curriculum, problems of curriculum design and interrelationships between current issues in curriculum and societal forces.

CUIN 6398 - Special Problems (Instructional Technology) - Development of a project in instructional technology.

Further information may be gathered from the University of Houston College of Education Web Site: <http://www.coe.uh.edu>.