

M.Ed. – Curriculum & Instruction

Emphasis in Health and Human Performance

The major in Curriculum and Instruction is designed to prepare master teachers and graduates with instructional leadership skills. It has three major objectives:

- to provide knowledge, skills, attitudes, and applicable research skills in curriculum and pedagogy;
- to develop master teachers to serve as teacher educators, mentors, clinical teaching faculty, and peer coaches;
- to provide experience in educational research related to effective educational practice in field-settings.

The major in Curriculum and Instruction is designed to serve the many educators who desire a program with an emphasis on instructional leadership and effective teaching. This major is responsive to the needs of the South Texas educational community and to state and national priorities for restructuring and delivering teacher education programs. A comprehensive examination is required. Students choosing the thesis option will take EDCI 7300 and 7301 in lieu of six hours of electives. For course descriptions and other information related to graduate studies visit our website at <http://blue.utb.edu/graduate>.

Admission Requirements

Evidence of academic achievement and potential for advanced study and research is required for graduate admission. Specific criteria for Unconditional Admission for Master's degree seeking students in Curriculum and Instruction are:

- Undergraduate GPA of 3.0
- GRE Verbal score of 450
- GRE Quantitative score of 450
- GRE Analytical score of 4.0

Additional requirements for the Specialization in HHPS are as follows:

- Background in the health, physical education, or human performance fields
- At least 24 hours of undergraduate work in health, physical education, or exercise science areas, 12 of which must be upper level courses

Applicants with an undergraduate GPA of at least 2.5 and/or GRE scores lower than those specified are also encouraged to apply.

Notification of decisions on graduate admission is made by the Office of Graduate Studies based on the admission criteria and recommendation of the Health and Human Performance department. Information related to application procedures and deadlines is available at the Office of Graduate Studies.



36-Hour Thesis/Non-thesis Program

Required Courses

Non – Thesis Track

EDCI Core Curriculum (9 hrs)

EDCI	6300	Introduction to Research
EDCI	6304	Learning and Cognition
EDCI	6334	Curriculum Development

EDCI Prescribed Electives (9 hrs)

EDCI	6301	Instructional Technology in Teaching or
EDCI	6336	Problems in Education

EDCI	6312	Educational Measurement or
EDCI	6367	Statistical Methods

EDCI	6330	Curriculum in the Elementary School or
EDCI	6331	Curriculum in the Secondary School

HHPS Core Curriculum (12 hrs)

HHPS	5355	Lifespan Fitness and Human Performance
HHPS	6315	Nutrition and Human Performance
HHPS	6320	Applied Exercise Physiology
HHPS	6330	Action Research in Health and Human Performance

HHPS Education Option (select 6 hrs)

HHPS	5301	Special Topics in Health and Human Performance
HHPS	5365	Cultural and Social Aspects of Health
HHPS	5375	Supervision and Administration in Health and Human Performance
HHPS	6301	Activity and Exercise Prescription for Children with Special Needs
HHPS	6305	Program Development for the Health and Physical Activity Fields

Thesis Track

EDCI Core Curriculum (9 hrs)

EDCI	6300	Introduction to Research
EDCI	6304	Learning and Cognition
EDCI	6334	Curriculum Development

EDCI Prescribed Electives (9 hrs)

EDCI	6301	Instructional Technology in Teaching or
EDCI	6336	Problems in Education

EDCI	6312	Educational Measurement or
EDCI	6367	Statistical Methods

EDCI	6330	Curriculum in the Elementary School or
EDCI	6331	Curriculum in the Secondary School

HHPS Core Curriculum (12 hrs)

HHPS	5355	Lifespan Fitness and Human Performance
HHPS	6315	Nutrition and Human Performance
HHPS	6320	Applied Exercise Physiology
HHPS	6330	Action Research in Health and Human Performance

Thesis (6 hrs)

EDCI	7300	Thesis
EDCI	7301	Thesis

Advisor

Dr. David K. Wittenburg • Cortez #226 • 882-8914 • david.wittenburg@utb.edu

Course Descriptions

EDCI 6300 Introduction to Research

Introduction to research techniques; identification of problems, research designs and data gathering procedures. The planning and design of research proposals and projects are emphasized. The course must be completed or in progress before the student applies for the oral interview. Lec 3, Cr 3

EDCI 6301 Instructional Technology in Teaching

An advanced course designed to provide students the opportunity to acquire skills, insight and practice in selecting, using, producing and managing teaching tools. The course is helpful to teachers and other who want to direct instructional media centers in public schools. Lec 3, Cr 3

EDCI 6304 Learning and Cognition

This critical course focuses on topics, theories, and models of cognitive research and their implications for instructional practice and curriculum restructuring and design. This is a field-based course. Lec 3, Cr 3

EDCI 6312 Educational Measurement

The content of this course includes scaling, variance, item analysis, reliability and true score theories, and validity. These topics will be related to constructing and interpreting norm and criterion referenced measures, teacher made tests, and systematic observational scales. Lec 3, Cr 3

EDCI 6330 The Curriculum in the Elementary School

This course focuses on the theory and factors that shape the elementary school curriculum. The course will also examine the organization and content of curriculum subjects and the trends, issues and new developments in the field. Lec 3, Cr 3

EDCI 6334 Curriculum Development - Problems and Processes

This course examines approaches in developing, implementing, and evaluating elementary and secondary school curricula. Principles and practices in the use and production of curriculum frameworks, guides, textbooks and other curriculum materials will be included. Prerequisite: EDCI 6330, 6331 or equivalent. Lec 3, Cr 3

EDCI 7300/7301 Thesis

Pass/Fail Grade. *Prerequisite: Approval of graduate advisor Lec 3, Cr 3*

HHPS 6320 Applied Exercise Physiology

This course is designed to provide in-depth insight into the science of sports conditioning. Current research on training the adolescent and post-adolescent athlete is given content priority. Laboratory experiences are included in this course. *Prerequisite: KINE 6315. Lec. 3., Cr. 3*

HHPS 6330 Action Research in Health and Human Performance

This course is designed to provide students with knowledge and practical experience for conducting action research in the health and human performance fields. These experiences will culminate in student research projects. This course serves as a capstone course and is to be enrolled in the semester prior to graduation. *Prerequisite: Six hours of graduate level kinesiology courses and EDCI 6312 or EDCI 6367. Lec. 3*

HHPS 5355 Lifespan Fitness and Human Performance

A comprehensive understanding of health and human performance requires knowledge related to the dynamics of the developing and aging human body. This course will address the developmental factors that influence health, fitness and motor performance from prenatal growth through the geriatric years. Lec. 3., Cr. 3

HHPS 6315 Nutrition and Human Performance

This course provides an in-depth research-based examination of human nutrition and the role it plays on physical performance from the recreational enthusiast to the elite athlete. Topics ranging from caloric balance to dietary supplements will be investigated. *Prerequisite: KINE 5355. Lec. 3., Cr. 3*

HHPS 5301 Special Topics in Health and Human Performance

This course will cover contemporary issues in the health and human performance fields. Topics will vary based upon faculty expertise and current trends in the field. May be repeated once for credit when topic varies. Lec. 3., Cr. 3

HHPS 5365 Cultural and Social Theory of Health

This course will provide students with an overview of social and cultural theories and models that are pertinent to the development and application of health education programs. Problem etiology and change strategy theories are investigated through application to specific health behavior topics among culturally distinct and marginalized groups. Lec. 3., Cr. 3

HHPS 5375 Supervision and Administration of Health and Human

Performance Programs

This course covers the study of the principles, practices and policies in the organization, supervision and administration of health, human performance, athletic and other non-teaching related programs in the public schools and in diverse physical activity settings. Lec. 3., Cr. 3

HHPS 6301 Activity and Exercise Prescription for Children with Special Needs

This course examines the etiology and pathology of selected high-occurrence congenital disabilities in the pediatric population. Current medical research and curriculum interventions will be investigated. Lec. 3., Cr. 3

HHPS 6305 Program Development for the Health and Physical Activity Fields

This course is an in-depth examination of program development in the health and physical activity fields. Current research and readings on program and curriculum development will be addressed. *Prerequisite: EDCI 6330 or EDCI 6331. Lec. 3., Cr. 3*