

MPH/MS Applied Geography Curriculum

Academic Year 2016-2017

Program Profile

The MPH/MS Applied Geography program involves the application of geospatial analysis and technology to the study of public health. Upon completion of the MPH/MS Applied Geography Dual Degree program, students will be able to:

- **Understand** geographic information science principles in the context of public health.
- **Know** the methods of geospatial analysis of public health information.
- **Apply** appropriate geospatial methods to public health research, practice and policy.
- **Use GIS software** and geodatabase design to access, manage and analyze spatial health data

60 Credit Hours Required

Curriculum		SCH
BACH 5300	Theoretical Foundations of Individual and Community Health	3
BIOS 5300	Foundations of Biostatistics	3
EPID 5300	Principles of Epidemiology	3
EOHS 5300	Environmental Determinants of Health	3
HMAP 5300	Introduction to Health Management and Policy	3
PHED 5197	Professional & Academic Development	1.5
EOHS 5297	Public Health Practice Experience	1.5
Elective 1		3
Elective 2		3

Shared/Transfer Courses: 18 SCH (UNTHSC or *UNT Denton)

BACH 5314: Research Methods in Public Health or *GEOG 5800: Research Design and Geographic Applications

BIOS 5310: Intermediate Biostatistics or *GEOG 5190: Advanced Quantitative Methods

EOHS 5362: GIS and Health (online only) or *GEOG 5960: Special Topics – Health GIS

EOHS 5364: Medical Geography (online only) or *GEOG 5140: Medical Geography

PHED 5000: Certified in Public Health Examination

EOHS 5395 or *GEOG 5950: Theses (6 SCH)

UNT Denton – Required Courses: 18 SCH

GEOG 5160: Foundations of Geographic Thought

GEOG 5145: Epidemiological Research Methods in Spatial Perspective

GEOG 5510: GIS for Applied Science

GEOG 5520: Intermediate GIS

GEOG 5550: Advanced GIS

Elective: 3 SCH taken at UNT Denton

Reviewed and agreed on this date _____

SPH Advisor _____

Student _____