

Minors by Division (2012 – 2014)

BIOSTATISTICS MINOR

Course of study - required:

- At least nine (9) semester credit hours for MS, DrPH and PhD students majoring in other public health disciplines;
- Courses required for the minor:
- For MS students, minor requirements are: PH 1700 Intermediate Biostatistics and two biostatistics courses above PH1700.
- For doctoral students, minor requirements are: PH 1700 Intermediate Biostatistics and three biostatistics courses above PH1700.

PH 1820 Regression Techniques (formerly Applied Statistical Analysis I) is strongly recommended for the minor for all degree program.

EPIDEMIOLOGY MINOR

Course of study - required:

- Nine semester credit hours (9) for MS, DrPH, and PhD students majoring in other public health disciplines.
 - For MS students, minor requirements are:
 - PHM 2612 - Epidemiology I (3 hrs)
 - Two electives in Epidemiology
 - For doctoral students, minor requirements are:
 - PH 2615 - Epidemiology II (3 hrs)
 - PH 2710 - Epidemiology III (3 hrs)
 - At least one additional course in Epidemiology (Epidemiology IV, 3 hrs, recommended)
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ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES MINOR

Course of study - required:

- Minimum nine semester credit hours (9) for MS, DrPH and PhD students majoring in other public health disciplines.
 - Courses for the minor include:
 - PHWM 2100 Foundations of Environmental and Occupational Health Sciences (required)
 - PHM 2130 Recognition of Environmental and Occupational Hazards (recommended)
 - PH 2175 Toxicology I (recommended)
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HEALTH PROMOTION AND BEHAVIORAL SCIENCES MINOR

Course of study - required:

- Nine semester credit hours (9) for MS, DrPH and PhD students majoring in other public health disciplines.
- The specific courses for the student minoring in Health Promotion and Behavioral Sciences will be determined by the student's committee with guidance from the HPBS member of the committee to meet the individual needs of the student.
- The requirements for a minor in behavioral sciences include three to four of the courses listed below, and should include primary theory and methods in Health Promotion and Behavioral Sciences and program evaluation and intervention development (especially for the DrPH student) and may also include a Special Topics course in the student's area of interest.

Courses suggested for the minor include:

- PHD 1113 Advanced Methods for Planning and Implementing Health Promotion Programs
 - PHM 1118 Introduction to Qualitative Research Methods
 - PHD 1122 Health Promotion Theory and Methods: A Teaching and Learning Experience for Doctoral Students
 - PHD 1130 Measurement Theory
 - PHD 1420 and PHD 1421 Research Design and Analysis in Behavioral Sciences I and II
 - PHD 1425 Applied Multivariate Statistics for the Behavioral Sciences
 - PHD 1430 Systematic Review, Meta-Analysis, and Evidence-Based Public Health
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MANAGEMENT, POLICY AND COMMUNITY HEALTH MINOR

Course of study - required:

- Nine semester credit hours (9) for MS, DrPH, and PhD students majoring in other public health disciplines.
- Students are expected to take courses focusing in one of the following areas:
 - Health Economics/Health Services Research, Health Policy, Healthcare Management, or Community Health Practice.
- In general, the courses in each topic area should be chosen from the following sets of courses:
 - HE/HSR:
 - PHD 3910 Health Economics
 - PH 3915 Methods for Economic Evaluation of Health
 - PHD 3930 Econometrics in Public Health
 - PH 3931 Advanced Econometrics
 - PH 3940 Healthcare Outcomes and Quality Research
 - PHD 3945 Advanced Health Services Research Methods
 - PHD 3935 Advanced Health Economics
 - PHD 3926 Health Survey Research Design
 - Health Policy
 - PHD 3810 Health Policy in the United States
 - PHD3812 Comparative Healthcare Systems and Policy
 - PH 3815 Health Policy Analysis
 - PH 3738 Legal Issues in Healthcare
 - PHD 3830 Ethics and Policy
 - PH 3850 Translating Research to Policy
 - PH 3736 Healthcare Payment Systems and Policy

- Healthcare Management
 - PHD 3998 Quality Management and Improvement in Healthcare
 - PHD3720 Healthcare Finance
 - PH 3738 Legal Issues in Healthcare
 - PH 3998 Introduction to Healthcare Management Research
 - PHD 3998 Ops/Tech/Decision Management
 - PH 3747 Healthcare Operations Management
 - PH 3736 Healthcare Payment Systems and Policy
 - PHD 3998 Strategy/ Governance & Leadership
- Community Health Practice
 - MS Minor requirements (select 3)
 - PHM 3630 Health Program Planning, Implementation, and Evaluation
 - PH 3998 Community Assessment Concepts, Methods, and Technologies
 - PHM 3922 Economic and Social Determinants of Health
 - PH 3620 Principles and Practice of Public Health
 - DrPH Minor requirements
 - PHD 1118 Introduction to Qualitative Research Methods
 - PHD 3998 Diversity
 - PHD 3998 CHP Core I: Principles and Methods

Specific courses can be changed to meet the individual needs of the student with the approval of the MPACH member of the student committee. If the committee does not have a MPACH member, the student is expected to seek guidance from a MPACH faculty member in their desired Minor area in choosing Minor courses as described above.

LEADERSHIP AND MANAGEMENT BREADTH/MINOR

Course selections for a Leadership and Management minor for DrPH students (9 credits required)

Courses (Choose any three – all are 3 credits)

PH 5200 Foundations of Leadership
 PH3744 Organizational behavior in healthcare organization
 PH 3998 Strategy/Governance
 PH 3747 Healthcare Operation Management
 PHD 5215 Advanced Leadership
 PH 3998 Strategic leadership