



## Emphasis in Public Health Physical Activity

Graduates are prepared for experimental, clinical, and epidemiological theory and research addressing the public health issues of promoting physical activity. The curriculum examines the social factors and psychological determinants associated with failure to initiate and/or adhere to exercise and physical activity programs.

### “Core” requirements (16 credit hrs)

- [STAT 702](#) – Statistical Methods for Social Sciences (3 hrs) OR
- [STAT 703](#) – Statistical Methods for Natural Scientists (3 hrs)
- [DMP 806](#) – Environmental Toxicology (2 hrs)
- [DMP 708](#) – Principles and Methods of Epidemiology (2 hrs)
- [DMP 854](#) – Disease Epidemiology (3 hrs)
- [HMD 720](#) – Administration of Health Care Organizations (3 hrs)
- [KIN 818](#) – Social and Behavioral Basis of Public Health (3 hrs)

### Required Kinesiology courses (9 credit hrs)

- [KIN 830](#) – Public Health Physical Activity (3 hrs)  
Plus any two of the following:
- [KIN 610](#) – Program Planning and Evaluation (3 hrs)
- [KIN 800](#) – Advanced Physiology of Exercise (3 hrs)
- [KIN 805](#) – Physical Activity and Human Behavior (3 hrs)

### Electives (12 credit hrs)

In addition to the above, students must select their remaining courses from the following or other graduate courses as approved by the major professor, supervisory committee and the MPH Program director.

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| <ul style="list-style-type: none"> <li>• <a href="#">KIN 600</a> – Psychology of Physical Activity (3 hrs)</li> <li>• <a href="#">KIN 601</a> – Cardiorespiratory Exercise Physiology (3 hrs)</li> <li>• <a href="#">KIN 602</a> – Gender Issues in Sport and Exercise (3 hrs)</li> <li>• <a href="#">KIN 603</a> – Cardiovascular Exercise Physiology (3 hrs)</li> <li>• <a href="#">KIN 604</a> – Exercise and Mental Health (3 hrs)</li> <li>• <a href="#">KIN 605</a> – Topics in the Biological Basis of Kinesiology (3 hrs)</li> <li>• <a href="#">KIN 606</a> – Topics in the Behavioral Basis of Kinesiology (3 hrs)</li> <li>• <a href="#">KIN 607</a> – Topics in Muscle Exercise Physiology (3 hrs)</li> <li>• <a href="#">KIN 608</a> – Body Image, Eating Disorders &amp; Obesity (3 hrs)</li> <li>• <a href="#">KIN 609</a> – Environmental Physiology (3 hrs)</li> <li>• <a href="#">KIN 612</a> – Built Environment and Physical Activity (3 hrs)</li> </ul> | <ul style="list-style-type: none"> <li>• <a href="#">KIN 625</a> – Exercise Testing and Prescription (3 hrs)</li> <li>• <a href="#">KIN 635</a> – Nutrition and Exercise (3 hrs)</li> <li>• <a href="#">KIN 655</a> – Fitness Promotion (3 hrs)</li> <li>• <a href="#">KIN 657</a> – Therapeutic Use of Exercise in the Treatment of Disease (3 hrs)</li> <li>• <a href="#">KIN 796</a> – Topics in Exercise Physiology (3 hrs)</li> <li>• <a href="#">KIN 797</a> – Topics in Public Health Physical Activity Behavior (3 hrs)</li> <li>• <a href="#">KIN 808</a> – Social Epidemiology of Physical Activity (3 hrs)</li> <li>• <a href="#">STAT 704</a> – Analysis of Variance (2 hrs)</li> <li>• <a href="#">STAT 705</a> – Regression and Correlation Analysis (2 hrs)</li> <li>• <a href="#">STAT 710</a> – Sample Survey Methods (2 hrs)</li> <li>• <a href="#">STAT 716</a> – Nonparametric Statistics (2 hrs)</li> <li>• <a href="#">STAT 735</a> – Statistics in Health Related Industries (2 hrs)</li> </ul> |
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### Capstone/culminating experience (6 credit hrs)

### Total hrs required for MPH Degree (43 credit hrs)