Master of Science in Environmental Health, Plan A, Epidemiology Specialization

Effective Spring 2008

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ERHS 532</td>
<td>Epidemiologic Methods</td>
<td>3</td>
</tr>
<tr>
<td>ERHS 542</td>
<td>Biostatistical Methods for Qualitative Data</td>
<td>3</td>
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<tr>
<td>ERHS 544/STAT 544</td>
<td>Biostatistical Methods for Quantitative Data</td>
<td>3</td>
</tr>
<tr>
<td>ERHS 640</td>
<td>Advanced Epidemiology</td>
<td>3</td>
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<td>ERHS 658</td>
<td>Environmental/Occupational Epidemiology</td>
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<tr>
<td>ERHS 693A</td>
<td>Research Seminar: Epidemiology</td>
<td>1</td>
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<td></td>
<td>Epidemiology-related courses</td>
<td>2</td>
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<td>Out of department requirement</td>
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One course from ONE of the following areas (3 or more credits):

Environmental/Occupational Health
- ERHS 520 Environmental and Occupational Health Issues
- ERHS 526 Industrial Hygiene
- ERHS 536 Advanced Occupational Health
- ERHS 540 Principles of Ergonomics

Toxicology/Cancer Biology
- ERHS 502 Fundamentals of Toxicology
- ERHS 510 Cancer Biology
- ERHS 611 Cancer Genetics
- ERHS 733 Environmental Carcinogenesis

Microbiology
- MIP 420 Medical and Molecular Virology
- MIP 530 Advanced Molecular Virology
- MIP 651 Immunobiology
- MIP 760 Mechanisms of Bacterial Pathogenesis

Statistics
- ERHS 642 Applied Logistic Regression
- STAT 511 Design and Data Analysis for Researchers I
- STAT 512 Design and Data Analysis for Researchers II
- STAT 523/ NR 523 Quantitative Spatial Analysis
- STAT 525 Analysis of Time Series I
- STAT 526 Analysis of Time Series II
- STAT 547/CIVE 547 Statistics for Environmental Monitoring
- STAT 560 Applied Multivariate Analysis

Thesis
- ERHS 699 Thesis                           | 6       |

Program Total Credits 30

A minimum of 30 credits are required to complete this program.

1 Registration every semester is strongly recommended.

2 Other courses in epidemiology or related areas, as approved by graduate advisory committee.

3 Graduate level (500 or above) course work approved by graduate advisory committee.

4 Non-ERHS courses cannot be used to meet these requirements and out-of-department requirements.