EPIDEMIOLOGY, MASTER OF SCIENCE

Graduate Studies

Graduate Study
The Graduate Group in Epidemiology offers programs of study and research leading to M.S. and Ph.D. degrees. Areas of interest include environmental/occupational epidemiology; infectious disease epidemiology; zoonotic & vector-borne diseases; epidemiologic methods & biostatistics; health services & health economics; nutritional epidemiology; reproductive, perinatal, developmental & pediatric epidemiology; wildlife epidemiology; social & behavioral epidemiology; and cancer epidemiology. For detailed information regarding the program, address the chairperson of the group or see the website.

Graduate Advisors
Christopher Barker, (Population Health & Reproduction), Beatriz Martinez Lopez (Medicine & Epidemiology), Lihong Qi (Public Health Sciences)

Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prerequisites must be taken concurrently with required courses below.</td>
<td></td>
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<tr>
<td>Choose a series:</td>
<td></td>
<td>6-8</td>
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<tr>
<td>MAT 016A &amp; MAT 016B</td>
<td>Short Calculus and Short Calculus</td>
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<tr>
<td>MAT 021A &amp; MAT 021B</td>
<td>Calculus and Calculus</td>
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<tr>
<td>Statistics</td>
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<tr>
<td>STA 106</td>
<td>Applied Statistical Methods: Analysis of Variance</td>
<td>4</td>
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<td>STA 108</td>
<td>Applied Statistical Methods: Regression Analysis</td>
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<td>Prerequisite Courses Subtotal</td>
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<tr>
<td>EPI 202</td>
<td>Quantitative Epidemiology I: Probability</td>
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<td>EPI 203</td>
<td>Quantitative Epidemiology II: Statistical Inference</td>
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<td>EPI 204</td>
<td>Quantitative Epidemiology III: Statistical Models</td>
<td>4</td>
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<tr>
<td>EPI/MPM 205</td>
<td>Principles of Epidemiology</td>
<td>4</td>
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<tr>
<td>EPI/MPM 206</td>
<td>Epidemiologic Study Design</td>
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<tr>
<td>EPI/SPH 207</td>
<td>Advanced Epidemiologic Methodology</td>
<td>4</td>
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<tr>
<td>EPI 208</td>
<td>Analysis &amp; Interpretation of Epidemiologic Data</td>
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<td>or PHR 266</td>
<td>Applied Analytic Epidemiology</td>
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<td>EPI 290</td>
<td>Seminars in Epidemiology</td>
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For additional course work in Epidemiology, see Medicine & Epidemiology (VME), Preventive Veterinary Medicine (MPM), Population Health & Reproduction (PHR), Public Health Sciences (SPH), and Statistics (STA).