

Epidemiology

The concentration in Epidemiology provides students with the knowledge and skills necessary to collect, analyze and interpret epidemiologic data for the solution of public health problems. It prepares students for employment as a master's level epidemiologist or research scientist in various setting such as the New Mexico Department of Health, the University of New Mexico School of Medicine, and other public health research and service organizations.

Requirements:

- Completion of 19 credit hours of M.P.H. core courses and at least 18 credit hours in graduate-level course in public and community health as outlined below.
- Completion of 2 credit hours of a practical field experience (PH 598 - Public Health Practicum) in an epidemiologic setting.
- Completion of at least 3 credit hours demonstrating competencies in epidemiology through one of the culminating experience options (Professional Paper, Integrative Experience, Thesis, or Master's Oral Examination).
- The chair of the culminating experience committee must be a core faculty member of the concentration.

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| | Required Core Courses | |
| PH 501 | Principles of Public Health | 3 |
| PH 502 | Epidemiologic Methods I | 3 |
| PH 506 | Environmental-Occupational Health | 3 |
| PH 508 | Theory and Practice (Mandatory in second semester) | 2 |
| PH 511 | Writing for Public Health Professionals (CR/NC) | 1 |
| PH 513 | Public Health Seminar (CR/NC) | 1 |
| PH 538 | Public Health Biostatistical Methods I | 3 |
| PH 552 | Public Health Program Planning | 3 |
| | Subtotal | 19 |
| | Required Practicum Experience | |
| PH 598 | Public Health Practicum (CR/NC) | 2 |
| | Subtotal | 2 |
| | Required Culminating Experience chosen from the following options: | |
| PH 595 | Introduction to Public Health Integrative Experience | 1 |
| -and- | | |
| PH 597 | Public Health Integrative Experience | 2 |
| -or- | | |
| PH 596 | Professional Paper | 3 |
| -or- | | |
| PH 599 | Master's Thesis | 6 |
| | Subtotal | 3-6 |
| | Required Concentration Courses | |
| PH 507 | Health Care Systems | 3 |

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| -or- | | |
| PH 510 | Public Health and Health Care Management | 3 |
| PH 520 | Epidemiologic Methods II | 3 |
| PH 534 | Epidemiology Data Analysis | 3 |
| PH 539 | Public Health Biostatistical Methods II | 3 |
| | Subtotal | 12 |
| | Electives | |
| | Two of the following EPI Concentration electives: | |
| PH 524 | Social Epidemiology | 2 |
| PH 528 | Infectious Disease Epidemiology | 2 |
| Ph 529 | Introduction to Developmental Epidemiology | 2 |
| PH 531 | Perinatal Epidemiology | 2 |
| PH 532 | Cancer Epidemiology | 2 |
| STAT 574 | Biostatistical Methods: Survival Analysis and Logistic Regression | 3 |
| | Subtotal | 6-9 |
| | Two or more electives from other courses offered by the Master of Public Health Program and/or UNM colleges or departments. Electives are subject to approval of the academic advisor. | |
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