# MPH Program

## Population Health Analytics Specialization

### TWO YEAR, FULL-TIME PLAN OF STUDY (2018 Fall Start)

<table>
<thead>
<tr>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Credits/semester</th>
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</table>
| **Fall (Core)** | MPH 505: Introduction to Data Management in SAS  
* C. Oancea | 1                   | 9       |
|                 | MPH 510: Health Care Systems  
* Y. Jonk | 2                   |         |
|                 | MPH 531: Biostatistics 1  
* C. Hosford | 3                   |         |
|                 | POLS 552: Health Policy  
* L. Hand | 3                   |         |
| **Spring (Core)** | MPH 504: Leading and Managing Public Health Systems  
* MPH Faculty | 2                   | 9       |
| *Submit Plan of Study* | MPH 506: Introduction to Data Management in R  
* A. Selya | 1                   |         |
|                 | MPH 541: Social and Behavioral Sciences in Public Health  
* MPH Faculty | 3                   |         |
|                 | MPH 551: Epidemiology  
* C. Oancea | 3                   |         |
| **Summer 1**    | MPH 594: Practicum  
* MPH Faculty | 3                   | 3       |
| **Fall (Specialization)** | MPH 532: Biostatistics 2  
* C. Oancea | 3                   | 9       |
| *Submit Topic Proposal* | MPH 550: Population Health Research Methods  
* A. Selya | 3                   |         |
| *Advance to candidacy* | ELECTIVE | 3                   |         |
| **Spring (Specialization)** | MPH 533: Advanced Biostatistics  
* C. Oancea | 3                   |         |
| *Apply to graduate* | MPH 535: Population Health Outcomes Research  
* Y. Jonk | 3                   |         |
|                 | MPH 556: System Dynamics 1  
* A. Selya | 3                   |         |
|                 | MPH 590: MPH Seminar  
* MPH Faculty | 1                   |         |
|                 | MPH 995: Scholarly Project  
* MPH Faculty | 2                   |         |
| **Total Credits** |                                                          | 42      |                  |

The MPH Program requires at least 42 credits. Students may exceed this amount.

**ELECTIVES (Selected with approval of advisor)**
- MPH 534: Bioinformatics
- MPH 535: Health Care Data Mining
- MPH 570: Special Topics in Population Health
- MPH 572: Health Care Budgeting and Finance
- MPH 574: Foundations of Health Economics
- GEOG 474: Introduction to Geographic Information Systems, with Lab (GEOG 474L)
- GEOG 574: Advanced Geographic Information Systems
- POLS 537: Program Evaluation
- POLS 551: Health Administration and Organization
- EFR 510: Qualitative Research Methods

Or, with approval of advisor, another course may be substituted.