



Population Health Sciences PhD Program

Health Systems Research Emphasis Curriculum

| Course Prefix and Number | Title | Credit Hours |
|--------------------------|--------------------------------------|--------------|
| PHS 7000 | Advanced Biostatistics in R | 3 |
| PHS 7020 | Analysis of Secondary Data | 4 |
| PHS 7030 | Applied Modern Causal Inference | 3 |
| PHS 7100 | Epidemiology: Theory and Methods | 3 |
| PHS 7300 | Health Systems Research Methods | 3 |
| PHS 7305 | PHS 1 st Year Seminar | 1 |
| PHS 7310 | Comparative Health Systems Seminar I | 2 |
| PHS 7360 | Implementation and Dissemination | 3 |
| PHS 7350 | Qualitative and Mixed Methods | 3 |
| MDCRC 6450 | Grant Writing | 3 |
| PHS 7900 | Dissertation Work (minimum) | 14 |
| | Subtotal | 42 |

Elective Courses

| Title | Credit Hours |
|---|--------------|
| Directed Elective from Departmental Approved List | 3 |
| Directed Elective from Departmental Approved List | 3 |
| Directed Elective from Departmental Approved List | 3 |
| Directed Elective from Departmental Approved List | 3 |
| Directed Elective from Departmental Approved List | 3 |
| Directed Elective from Departmental Approved List | 3 |
| Directed Elective from Departmental Approved List | 3/2 |
| Subtotal | 20/21 |

Minimum Number of Credits **with** Previous MS (including dissertation) 62
Minimum Number of Credits **without** Previous MS 80