

PhD Curriculum (Revised 8-2017)

The PhD in Epidemiology program requires a minimum of 90 semester credits beyond the bachelor's degree. All students are required to complete, or to have completed, the following courses:

| <i>Course</i> | <i>Epidemiology Prerequisites</i> |
|---------------|--|
| N/A | HIPAA & CITI certification |
| PHC 6001 | Principles of Epidemiology in Public Health |
| PHC 6937 | Introduction to Public Health for the Health Professions |

The HIPAA and Human Subjects and CITI courses are available on “[myTraining](#)” through a sign in process using the Gator1 sign in. The HIPAA Class should be determined by the Business Manager in the Department; the CITI Course is “[CITI Training](#)”.

The current curriculum is shown below. All students must complete a minimum of 36 credits of epidemiology core coursework, 39 credits of Epidemiology Elective Courses, and 15 credits of dissertation work. Students will regularly review their progression towards meeting program curriculum requirements by completing the PhD Curriculum Form and reviewing it regularly with the Academic Assistant, the Research Mentor, and the Academic Advisor each semester.

Epidemiology Core Courses – Required (36 Credits)

| <i>Course</i> | <i>Foundation in Statistics & Data Management (8 Credits)</i> | <i>Credits</i> |
|--|---|----------------|
| PHC 6052 | Introduction to Biostatistical Methods (SAS-based) | 3 |
| PHC 6053 | Regression Methods for Life Sciences (SAS-based) | 3 |
| PHC 7065¹ | Critical Skills in Epidemiological Data Management (PHC 7065) | 2 |
| <i>Course</i> | <i>Foundation in Epidemiology (3 Credits)</i> | <i>Credits</i> |
| PHC 6003 or PHC 6517 | Epidemiology of Chronic Disease (PHC 6003) | 3 |
| | Public Health Concepts in Infectious Disease (PHC 6517) | 3 |
| <i>Course</i> | <i>Epidemiologic Methods (12 Credits)</i> | <i>Credits</i> |
| PHC 6000 | Epidemiology Research Methods I | 3 |
| PHC 6011 | Epidemiology Research Methods II | 3 |
| Choose 6 credits from these courses | Advanced Epidemiology Methods III (PHC 7017) | 3 |
| | Social Epidemiology (PHC 6016) | 3 |
| | Molecular Epidemiology (PHC 7595) | 3 |
| | Genetic Epidemiology (PHC 6937) | 3 |
| | Hospital Epidemiology (PHC 6937) ² | 3 |
| | Methods in Spatial Epidemiology (PHC 6194) | 3 |
| | Cancer Epidemiology (PHC 7007) | 3 |
| | Psychiatric Epidemiology (PHC 7038) | 3 |
| <i>Course</i> | <i>Doctoral Seminar Series (6 Credits)</i> | <i>Credits</i> |
| PHC 7727 | Grant Writing for Clinical and Health Research | 2 |

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|---------------|--|----------------|
| PHC 7934 | Epidemiology Seminar I | 2 |
| PHC 7000 | Epidemiology Seminar II | 2 |
| Course | Journal Club Series (2 Credits) | Credits |
| PHC 7901 | Epidemiology Journal Club | 1 |
| PHC 7902 | Epidemiology Writing Circle | 1 |

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|---------------|---|----------------|
| Course | Ethics (2 Credits) | Credits |
| PHC 7427 | Ethics in Population Science | 2 |
| Course | Measurement (3 Credits) | Credits |
| PHC 6711 | Measurement in Epidemiology & Outcomes Research | 3 |

Elective Courses - Required (39 Credits)

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|---|---|----------------|
| Course | Statistics Electives (6 credits) | Credits |
| Choose 6 credits from approved courses | Clinical Trials Methods (PHC 6020) | 3 |
| | Survival Analysis (PHC 6937) | 3 |
| | <i>Other relevant approved advanced statistics courses</i> | VAR |
| Course | Epidemiology Electives (18 Credits) | Credits |
| Choose from these or other course above that is not already required, or other course with substantial epidemiological content with approval of the Curriculum Chair | Independent Study (PHC 7918) | 1 - 3 |
| | Maternal and Child Health (PHC 6937) | 2 |
| | Computational Epidemiology in Population Science (PHC 7065) | 1 |
| | Advanced Pharmacoepidemiology (PHA 6935) | 3 |
| | Domestic Field Epidemiology (PHC 7916) | 1 - 3 |
| | International Epidemiological Field Epidemiology (PHC 7910) | 3 |
| | <i>Can choose other courses as noted in column to the left under "Course"</i> | |
| Course | General Electives (15 Credits) | Credits |
| Choose any course above that is not already required, or any other course with approval of the Curriculum Chair | <i>Can choose other courses as noted in column to the left under "Course"</i> | |
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Epidemiology Dissertation Research Courses – Required (15 Credits)

| <i>Course</i> | <i>Pre-Candidacy (3 Credits)</i> | <i>Credits</i> |
|----------------------|---|-----------------------|
| PHC 7979 | Advanced Research | <i>VAR</i> |
| | | |
| <i>Course</i> | <i>Dissertation (12 Credits)</i> | <i>Credits</i> |
| PHC 7980 | Doctoral Research | <i>VAR</i> |
| | Doctoral Research | <i>VAR</i> |
| | Doctoral Research | <i>VAR</i> |
| | Doctoral Research | <i>VAR</i> |

¹Department of Epidemiology Curriculum Committee meets regularly to review and adjust the curriculum. *The list of approved courses is updated regularly.*

²Changed “Healthcare” to “Hospital” on 6/28/16

Curriculum Summary: PhD in Epidemiology

The Epidemiology PhD Curriculum Form summarizes the required components of the University of Florida PhD in Epidemiology degree and includes a list of specific courses that have been approved as requirements or elective categories. Specific course availability varies and some courses may not be available every year.

The Academic Assistant will track the courses and maintain an updated file of each student’s PhD courses using the PhD Curriculum Form that documents what curriculum requirements have been completed. At the time of each registration, the Academic Assistant will provide an official matrix of courses taken and requirements yet to take.

Substitution or exemption for any specific curriculum requirements must be initiated with a letter of explanation that is signed by the student’s Research Mentor and Academic Advisor (e.g. a specific course was cancelled or not offered for several years). Such requests will then be reviewed by the Curriculum Committee, and the decision of the Curriculum Committee will be placed in the student’s academic file.