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## PhD Program Milestones and Deliverables

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| Student name: | Year entered: | UFID: |
| Dissertation topic: |

**Course Work**

***Statistics Core***

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| Course | Name | Credits | Scheduled for | Grade | Date completed |
| PHC 6052 | Introduction to Biostatistical Methods | 3 | Year 1, fall |  |  |
| PHC 6053 | Regression Methods for Health and Life Sciences | 3 | Year 1, spring |  |  |
| PHC 6937 | Applied Survival Analysis | 3 | Year 2, fall |  |  |

***Foundation Core***

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| Course | Name | Credits | Scheduled for | Grade | Date completed |
| PHA 6935 | Introduction to Pharmacoepidemiology | 3 | Year 1, fall A |  |  |
| PHA 5933 | Principles of Pharmacoeconomics | 1 | Year 1, fall |  |  |
| PHA 6935 | Writing for POP | 2 or 3 TBD | Year 1, fall or Summer 1 |  |  |
| HSA 6114 | Intro US Health Care System (required for students with little to no exposure) | 3 | Year 1, fall or Year 2, fall |  |  |
| PHA 6265 | Introduction to POP Research | 3 | Year 1, spring |  |  |
| PHA 5244 | Principles of Evidence-Based Practice | 3 | Year 1, spring |  |  |
| PHC 7727 | Grant Writing in Population Health (alternative is PET 5936, 3cr, Year 2, spring) | 2 | Year 1 or 2, summer |  |  |
| PHC 6085 | Data Analysis and Interpretation | 3 | Year 2, fall |  |  |
|  | Intermediate Pharmacoepidemiology | 3 | Year 2, fall |  |  |
| PHA 6717 | Measurement in POP Research | 3 | Year 2, spring |  |  |
|  | Advanced Pharmacoepidemiology or Advanced Pharmacoeconomics | 3 | Year 2, spring |  |  |
|  | Advanced Writing for POP | 2 or 3 TBD | Year 2, spring |  |  |

**College-wide coursework**

Students are required to register for the following (1 credit hour each).

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| Semester |  | Date completed |
| Year 1, Fall, Spring, Summer | College Professional Development Series |  |
| Year 1, summer | Introduction to Drug Discovery |  |

***Specialty and supplemental courses (at least 12 hours required)***

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| Course | Name | Credits | Scheduled for | Grade | Date completed |
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**POP Seminar Series**

Students are required to register for seminar each summer semester (PHA 6938, 1 credit hour).

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| Semester | Activity (attended regularly with only excused absences; presented – provide title) | Date completed |
| Year 1, fall |  |  |
| Year 1, spring |  |  |
| Year 2, fall |  |  |
| Year 2, spring |  |  |
| Year 3, fall |  |  |
| Year 3, spring |  |  |
| Year 4, fall |  |  |
| Year 4, spring |  |  |
|  | Weekend seminars (attend at least 2 in the first 3 years, but must attend weekend seminar during year 2 of program) |  |
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**POP Journal Club Series**

Students are required to register for journal club each summer semester (1 credit hour).

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| Semester | Session chaired (provide topic area and co-presenter) | Date completed |
| Year 1, fall |  |  |
| Year 1, spring |  |  |
| Year 2, fall |  |  |
| Year 2, spring |  |  |
| Year 3, fall |  |  |
| Year 3, spring |  |  |
| Year 4, fall |  |  |
| Year 4, spring |  |  |

**Independent Research (should begin in year 1, fall) Note: expected to engage in research activity whether or not one is registered in independent study coursework**

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| Topic, Objectives | Semester | Faculty | Course # (if applicable) | Credits (if applicable) | Date objectives completed |
|  | Yr 1, fall |  |  |  |  |
|  | Yr 1, Spr |  |  |  |  |
|  | Yr 1, Su |  |  |  |  |
|  | Yr 2, fall |  |  |  |  |
|  | Yr 2, spr |  |  |  |  |
|  | Yr 2, su |  |  |  |  |
|  | Yr 3, fall |  |  |  |  |
|  | Yr 3, spr |  |  |  |  |

**Other Deliverables**

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|  | Scheduled for | Date Completed |
| **Ethics Training** (print out certification and provide to office for filing) CITI training <https://www.citiprogram.org/Default.asp> NIH Training <http://phrp.nihtraining.com/users/login.php> | Year 1, fall |  |
| **Manuscript Review** (identify faculty to participate in manuscript review)2 reviews must be completed before the preliminary exam | Year 1, springYear 2, fall |  |
| **Preliminary Exam**  | Year 2, end of Spring term |  |
| **College Research Showcase**Submission for poster presentationSubmission for oral presentation | Year 2, springYear 3, spring |  |
| **SAS training**Complete SAS training in preparation for SAS entry exam in Data Analysis & Interpretation. Students encouraged to complete SAS certification and cost for initial certification will be paid by department | Year 1, spring and summer terms |  |

**Presentations** (PhD students must have either given a presentation or have their research accepted for an upcoming presentation at a professional meeting before sitting for the preliminary examination)

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| Title | Venue | Date presented |
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**Manuscripts** (Two manuscripts submitted before the written qualifying exam with one as first author and second with no requirement for rank in authorship; prior to the dissertation defense, at least three papers on dissertation submitted.

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| Title | Citation | Date accepted |
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**Funding applications for grants or fellowships** (at least one application for funding must be submitted prior to the written qualifying exam). Required for consideration for funding for 5th year, if necessary.

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| Title | Funding agency | Date submitted | Funding decision |
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**Leadership and Service**

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| Title | Organization | Years |
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**Awards & Honors**

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| Title | Organization | Years |
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**Dissertation**

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|  | Scheduled for | Date Completed |
| Visit each graduate faculty to learn about research interests | Year 1, fall |  |
| Take opportunity to discuss specialization and research interests with as many faculty as possible to help refine focus | Year 1 |  |
| Present choice for specialization and preliminary research questions / interests to temporary advisor and discuss next steps | Year 1, spring |  |
| Confirm major advisor with Graduate Program Office | Year 1, summer |  |
| Select internal members of committee | Year 2, spring |  |
| Establish dissertation committee Major professor: Internal member: Internal member: External member: | Major Professor by end of Year 1Other committee members by Year 2, Spring/Summer |  |
| Committee meetings / activities1. Review and approve plan of study
2. Review and approve dissertation topic
3. Discuss and schedule written qualifying exam
4. Written qualifying exam (includes R36-like dissertation question)
5. Dissertation proposal defense
6. Grant Application Submission for Extramural funding
7. Dissertation defense
 | Year 2, springYear 2, summerYear 2, summer No later than Year 3, SpringYear 3 or 4Year 3/4Year 4 |  |