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**Residential MS Program Milestones and Deliverables**

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| Student name: | Year entered: | UFID: |
| Advisor Name: | | |
| Thesis topic: | | |

**Course Work (requires a total of 36 credit hours)**

***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 6059 | Applied Survival Analysis | 3 | Year 2, fall |  |  |

***Foundation Core***

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| Course | Name | Credits | Scheduled for | Grade | Date completed |
| PHA 6891 | Introduction to Pharmacoepidemiology | 3 | Year 1, fall A |  |  |
| PHA 6935 | Principles of Pharmacoeconomics | 1 | Year 1, fall |  |  |
| PHC 6937 | Public Health Computing | 3 | Year 1, fall |  |  |
| 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/PHA 6935 | Principles of Evidence-Based Practice | 3 | Year 1, spring |  |  |
| PHA 6805 | Data Analysis and Interpretation | 3 | Year 2, fall |  |  |
| PHA 6268 | Pharmacoepidemiology and Patient Safety (Intermediate Pharmacoepidemiology) | 3 | Year 2, fall |  |  |
| PHA 6717 | Measurement in POP Research | 3 | Year 2, spring |  |  |
| ENC 5319 | Scholarly Writing for Publication | 3 | Year 2, spring  Elective, but recommended if plan to transition to the doctoral program |  |  |

\*Please discuss with the Intro to POP Research course coordinator mentor whether a Writing course is recommended for summer or fall term.

**College-wide coursework**

Students are suggested to register for the following (1 credit hour each) especially if they plan to apply to the doctoral program.

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| --- | --- | --- |
| Semester |  | Date completed |
| Year 1, fall, spring, Summer | Intro to Graduate Studies |  |
| Year 1, summer | Life Cycle of a Drug |  |

**Specialty and supplemental courses (discuss in consultation with advisor)**

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| --- | --- | --- | --- | --- | --- |
| Course | Name | Credits | Scheduled for | Grade | Date completed |
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**POP Research Seminar Series and Weekend Seminars (required activity for all residential students)**

Students may register for Seminar each summer semester (PHA 6938, 1 credit hour). Regardless of whether a student registers for Seminar, students are expected to fully participate until graduation.

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| Semester | Activity (attended regularly with only excused absences; presented – provide title) | Date completed |
| Year 1, fall/spring |  |  |
| Year 2, fall/spring |  |  |
|  | Weekend seminars (Attend one, but if planning to apply to Ph.D. program then attend during both year 1 and year 2) |  |
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**POP Journal Club Series (required activity for all residential students)**

Students may register for Journal Club each summer semester (PHA 7900 Journal Club in Pharmaceutical Research 1 credit hour). Regardless of whether a student registers for Journal Club, students are expected to fully participate until graduation.

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| Semester | Attendance at least 1/month required. Session chaired (provide topic area and co-presenter) | Date completed |
| Year 1, fall |  |  |
| Year 1, spring |  |  |
| Year 2, fall |  |  |
| Year 2, spring |  |  |

**Independent Research Note: expected to engage in research activity whether or not one is registered in independent study coursework. Beginning thesis work Year 1 Spring term. Must register for at least 3cr thesis hours of PHA 6971 in the final term of study (if occurring in fall or spring term) or 2cr hours if the final term is summer.**

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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, sum |  |  |  |  |
|  | Yr 2, fall |  |  |  |  |
|  | Yr 2, spr |  |  |  |  |

**Other Deliverables**

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|  | Scheduled for | Date Completed |
| **HIPAA/Research Ethics Training** (print out certification and provide to HR for filing) | Year 1, fall |  |
| **Manuscript Review** (identify faculty to participate in manuscript review) | Year 1, spring or Year 2, fall |  |
| **Preliminary Exam** – only required to take if admitted to the doctoral program | Year 2, end of spring semester |  |
| **College Research Showcase**  Submission for poster presentation | Year 2, spring |  |
| **SAS training**  Complete SAS training in preparation for SAS entry exam in Data Analysis & Interpretation. Students are encouraged to complete SAS certification. | Year 1, spring term |  |

**Presentations other than Research Showcase** (not mandatory, but encouraged)

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| --- | --- | --- |
| Title | Venue | Date presented |
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**Manuscripts** (manuscript summarizing a component of the thesis with you as the first author must be submitted to the thesis committee before the **thesis defense**)

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| Title | Citation | Date accepted |
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**Funding applications for grants or fellowships** (not mandatory, but encouraged)

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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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**Thesis**

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|  | Scheduled for | Date Completed |
| During the latter part of the fall term, each student will identify preferences for three faculty members to serve as thesis advisor | Year 1, fall |  |
| By the start of spring term of the first academic year, each student will be assigned to a thesis advisor | Year 1, fall |  |
| The advisor will identify research questions/objectives appropriate for thesis work | Year 1, beginning of spring |  |
| In Intro to POP Research course, develop the beginning of thesis research proposal, including clarifying question/objectives, need for the study and significance of questions/objectives, search strategy, and critical review of the literature. | Year 1, spring |  |
| Confirm major advisor and second committee member with Graduate Office by completing Supervisory Committee Form  Advisor:  Member:  Plan of Study approved by the committee. File Committee Meeting Form with Graduate Program Office | Year 1, spring |  |
| Prepare a full thesis proposal including methods and have the thesis topic approved by the committee | Year 1, summer |  |
| Conduct thesis analysis during Data Analysis and Interpretation course and begin writing up the results section of the thesis | Year 2, Fall |  |
| Submit paper suitable for submission to peer-reviewed journal to thesis committee before thesis defense | Year 2, early spring term |  |
| Thesis defense | Year 2, early spring term |  |