HEALTH SERVICES RESEARCH IN PHARMACY, PH.D.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/policiesandrequirements/text), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
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Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

<table>
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<tr>
<th>Requirements</th>
<th>Detail</th>
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<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>51 credits</td>
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<tr>
<td>Minimum Residence Credit Requirement</td>
<td>32 credits</td>
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Minimum Graduate Coursework Requirement

At least half of degree coursework (at least 26 credits out of 51 total credits) must be in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (http://my.wisc.edu/CourseGuideRedirect/BrowseByTitle(http://my.wisc.edu/CourseGuideRedirect/BrowseByTitle/)).

Overall GPA Requirement

3.00 GPA required for graduate-level courses (numbered 300 and above, excluding research) to receive a degree.

Other Grade Requirements

Candidates may be dropped from the program if they receive more than 7 credits of grades at the BC level or lower. This applies to formal courses, seminars, and research credits.

Assessments and Examinations

Doctoral students must pass both written and oral preliminary examinations to achieve dissertation status (see https://pharmacy.wisc.edu/handbook-sas/phd-degree-requirements/preliminary-exams/). The written preliminary examination is evaluated on a pass/fail basis. The oral preliminary examination must be completed within six months after having passed the written preliminary examination.

A dissertation and final oral defense are required. See https://pharmacy.wisc.edu/handbook-sas/phd-degree-requirements/dissertation-final-exams/ for details.

Language Requirements

Candidates with an emphasis in the history of pharmacy are required to achieve competence in two foreign languages (one in addition to the language acquired for the M.S. degree). Contact the school's graduate programs coordinator for more information.

Doctoral Minor/Breadth Requirements

All doctoral students are required to complete a minor. Students completing option B minors must complete a minimum of 9 credits outside of HSRP, reflecting a cohesive and logical combination of courses for specialization emphasis. For Option B, the doctoral minor is developed by the student and faculty advisor as a plan for specialization. In HSRP, the student's committee approves the minor Option B plan. The minor supports the theoretical foundations for the Ph.D. and should consist of a majority of courses that are theory-focused (i.e., not focused on research methods or analytical/statistical techniques); that is, theoretical courses should comprise all or most of the minor plan.

REQUIRED COURSES

At least 14 credits in core courses (seminar and core principles and methods), 15 credits in research and analysis (additional research methods, analytic techniques), and 22 credits in specialty/advanced courses is required.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</table>
| Core Seminar Courses
<p>| S&amp;A PHM 701 Grant Writing for Health Services Research |
| S&amp;A PHM 702 Mixed Methods for Health Sciences: Purpose, Design and Approach |
| S&amp;A PHM 703 Community Engagement in Health Services Research |</p>
<table>
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<tr>
<td>S&amp;A PHM 704</td>
<td>Dissemination, Implementation and Sustainment of Change in Health Services Research</td>
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**Core Methods and Principles**

Select all of the following: **6**

- S&A PHM 711 Research Methods for Pharmaceutical Outcomes and Policy Research
- S&A PHM 715 Social Behavioral Theories in Pharmacy, Drug Use, and Health Behavior

**Research and Analysis**

Methods (Select from approved list in consultation with major professor.) **3-9**

Analytic Techniques (Select from approved list in consultation with major professor.) **6-12**

**Specialty and Advanced Coursework** **22**

Select in consultation with major professor:

- Minor (Option A or Option B)
- Other Elective Courses
- Research (credit varies)

Foreign Languages (History Concentration only). Ph.D. students with a history concentration must achieve reading ability in two foreign languages and take a minimum of 3 credits in methods of research and analysis.

**Total Credits** **51**