HEALTH SERVICES
RESEARCH IN
PHARMACY, PHD

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>Mode of Instruction</th>
<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>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that
condenses the time to completion. Students typically take enough credits
aimed at completing the program in a year or two.

**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

**Requirement Detail**

<table>
<thead>
<tr>
<th>Requirement Detail</th>
<th>Minimum Credit Requirement</th>
<th>Minimum Residence Credit Requirement</th>
<th>Minimum Graduate Coursework Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>51 credits</td>
<td>32 credits</td>
<td>26 credits, must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> (<a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a>).</td>
</tr>
</tbody>
</table>

Overall GPA

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

Graduate GPA Requirement

Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).

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 Graduate Program Handbook found in the Contact Information). 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 Graduate Program Handbook found in the Contact Information for details.

The final step to completing the degree will be to deposit a copy of the final thesis into the UW-Madison Memorial Library.

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 MS degree). Contact the school's graduate programs coordinator for more information.

Graduate School Breadth Requirement

All doctoral students are required to complete a doctoral minor or graduate/professional certificate. Refer to the Graduate School: Breadth Requirement in Doctoral Training policy: https://policy.wisc.edu/library/UW-1200 (https://policy.wisc.edu/library/UW-1200/).

Students completing Option B minors must complete a minimum of 9 credits outside of SA PHM, 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 Health Services Research in Pharmacy, the student's committee approves the minor Option B plan. The minor supports the theoretical foundations for the PhD 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;A PHM 701</td>
<td>Grant Writing for Health Services Research</td>
<td>8</td>
</tr>
<tr>
<td>S&amp;A PHM 702</td>
<td>Mixed Methods for Health Sciences: Purpose, Design and Approach</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td></td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>S&amp;A PHM 703</td>
<td>Community Engagement in Health Services Research</td>
<td></td>
</tr>
<tr>
<td>S&amp;A PHM 704</td>
<td>Dissemination, Implementation and Sustainment of Change in Health Services Research</td>
<td></td>
</tr>
</tbody>
</table>

**Core Methods and Principles**

Select all of the following: 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;A PHM 711</td>
<td>Research Methods for Pharmaceutical Outcomes and Policy Research</td>
</tr>
<tr>
<td>S&amp;A PHM 715</td>
<td>Social Behavioral Theories in Pharmacy, Drug Use, and Health Behavior</td>
</tr>
</tbody>
</table>

**Research and Analysis**

Methods (Select from approved list in consultation with major professor.) 6

Analytic Techniques (Select from approved list in consultation with major professor.) 9

**Specialty and Advanced Coursework** 22

Select in consultation with major professor:

- Breadth-Graduate/Professional Certificate or Doctoral Minor (Option A or Option B)
- Other Elective Courses
- Research (credit varies)

Foreign Languages (History Concentration only). PhD 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