PHARMACEUTICAL SCIENCES, M.S.

The Division of Pharmaceutical Sciences (https://pharmacy.wisc.edu/psd/) does not currently accept applications for a terminal research master’s in pharmaceutical sciences. Prospective students may not apply for a research master’s degree program, and should instead see information about the Ph.D (http://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-phd/). Occasionally, depending on student needs and corresponding host faculty preferences, Ph.D. students may earn a master’s on the way to the Ph.D. degree. Admitted students may inquire with the School of Pharmacy’s graduate coordinator for details.

However, students may be interested in the Applied Drug Development (http://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-ms/pharmaceutical-sciences-applied-drug-development-ms/) named option (formally documented sub-major) in the Master of Science in Pharmaceutical Sciences.

ADMISSIONS

Students apply to the Master of Science in Pharmaceutical Sciences through one of these paths:

- M.S. Named Option in Applied Drug Development (http://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-ms/pharmaceutical-sciences-applied-drug-development-ms/)
- Ph.D. in Pharmaceutical Sciences (http://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-phd/)

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding/) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.

PROGRAM RESOURCES

Financial support is provided to all PhD students in Pharmaceutical Sciences through a combined mechanism of fellowships, teaching assistantships, research assistantships, and project assistantships. Financial support typically extends for the full duration of a student’s graduate study. Funding packages for first-year students in the PhD program are provided by the School of Pharmacy and consist of a mixture of fellowships and/or teaching assistant support. In addition, first-year students typically are provided $1500 in flexible funds to aid in the transition to Madison. After the first academic year, students are supported by their thesis advisor through research or teaching assistantship appointments (some students earn funding via federally supported predoctoral fellowships or campus training grants). All students receive a stipend (the recommended minimum level for students in the division is $26,000 for 2018-19, a figure that is adjusted annually), full tuition remission (waiver), and most of the cost of reasonably priced, comprehensive health insurance for the duration of their PhD studies, if they retain good academic standing and a faculty advisor. For more details, see this program-specific funding page (https://pharmacy.wisc.edu/programs/pharmsci/financial-aid/).

Travel grants are available annually; the program has funding to provide seven graduate students with grants each year. Students who are presenting at scientific conferences are preferred applicants; awards range from $1000–$1500. Most students are additionally supported in scientific conference travel via faculty funds.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

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

MAJOR REQUIREMENTS

CURRICULAR REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
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<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>See Named Options for policy information.</td>
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<tr>
<td>Minimum Residence Credit Requirement</td>
<td>16 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>See Named Options for policy information.</td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>Candidates will 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 and research credits.</td>
</tr>
<tr>
<td>Assessments and Examinations</td>
<td>See Named Options for policy information.</td>
</tr>
<tr>
<td>Language Requirements</td>
<td>No language requirements.</td>
</tr>
</tbody>
</table>

REQUIRED COURSES

Select a Named Option for courses required.

NAMED OPTIONS

A named option is a formally documented sub-major within an academic major program. Named options appear on the transcript with degree conferral. Students pursuing the M.S. in Pharmaceutical Sciences must select one of the following named options:

View as listView as grid
- PHARMACEUTICAL SCIENCES: APPLIED DRUG DEVELOPMENT, M.S. (HTTP://GUIDE.WISC.EDU/GRADUATE/PHARMACY-SCHOOL-WIDE/PHARMACEUTICAL-SCIENCES-MS/PHARMACEUTICAL-SCIENCES-APPLIED-DRUG-DEVELOPMENT-MS/)
- PHARMACEUTICAL SCIENCES: RESEARCH, M.S. (HTTP://GUIDE.WISC.EDU/GRADUATE/PHARMACY-SCHOOL-WIDE/PHARMACEUTICAL-SCIENCES-MS/PHARMACEUTICAL-SCIENCES-RESEARCH-MS/)

POLICIES

Students should refer to one of the named options for policy information:

- M.S. Named Option in Applied Drug Development (http://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-ms/pharmaceutical-sciences-applied-drug-development-ms/)
- M.S. Named Option in Research (non-admitting degree) (http://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-ms/pharmaceutical-sciences-research-ms/)
- Ph.D. in Pharmaceutical Sciences (https://guide.wisc.edu/graduate/pharmacy-school-wide/pharmaceutical-sciences-phd/)

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School's professional development resources (https://grad.wisc.edu/pd/) to build skills, thrive academically, and launch your career.

LEARNING OUTCOMES

1. Demonstrate critical knowledge and in-depth understanding of principles in pharmaceutical sciences and in the student's area of expertise.
2. Identify important research questions, formulate testable hypotheses, and design experiments to test those hypotheses.
3. Conduct research that contributes to the student's field of study.
4. Communicate scientific knowledge and research results effectively to a range of audiences.
5. Apply ethical principles in conducting scientific research.

PEOPLE

A list of Pharmaceutical Sciences graduate faculty and their respective areas of research specialization is available from the division website (https://pharmacy.wisc.edu/psd/faculty-research/) and related links. The Pharmaceutical Sciences Graduate Program has educated generations of scientists for challenging positions in industry, academia, and government.