Pharmaceutical Sciences

Department Information

- **Department Chair:**
  Jagdish Singh, Ph.D.
- **Department Location:**
  136 Sudro Hall
- **Department Phone:**
  (701) 231-7661
- **Department Web Site:**
  www.ndsu.edu/pharmacy (http://www.ndsu.edu/pharmacy/)
- **Application Deadline:**
  March 15 for fall semester and October 1 for spring semester, if positions are available.
- **Credential Offered:**
  Ph.D.
- **Test Requirement:**
  GRE (300 or more)
- **English Proficiency Requirements:**
  TOEFL ibT 90; IELTS 6.5; Duolingo 115

**Doctor of Philosophy**

The Doctor of Philosophy program requires the completion of 90 credits, including 30 semester credits of letter-graded course work with a GPA of 3.0 or better. Of these 30 credits, at least 18 credits must be at 700 level. Candidates defend their dissertations. Candidates for the Ph.D. will be required to take an examination directed at determining competency in the pharmaceutical sciences.

The department requires the following core courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOC 701</td>
<td>Comprehensive Biochemistry I</td>
<td>4</td>
</tr>
<tr>
<td>BIOC 702</td>
<td>Comprehensive Biochemistry II</td>
<td>4</td>
</tr>
<tr>
<td>PSCI 611</td>
<td>Principles of Pharmacokinetics and Pharmacodynamics</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 670</td>
<td>Pharmacokinetics</td>
<td>3</td>
</tr>
<tr>
<td>STAT 725</td>
<td>Applied Statistics</td>
<td>3</td>
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Additional Credits

7 (minimum)

Courses numbered 700-789, 791

Seminars

- **PSCI 790**
  Graduate Seminar (one credit each semester)

Research

- **PSCI 899**
  Doctoral Dissertation

Total Credits

90

**Master of Science**

In consultation with the adviser and student’s supervisory committee a Plan of Study would be developed. The Master of Science in Pharmaceutical Sciences program follows Graduate College degree requirements (https://bulletin.ndsu.edu/graduate/graduate-school-policies/masters-program-policies/).