

# Pharmaceutical Sciences

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## Department Information

- **Department Chair:**  
Jagdish Singh, Ph.D.
- **Department Location:**  
136 Sudro Hall
- **Department Phone:**  
(701) 231-8902
- **Department Email:**  
ndsu.pscigradinfo@ndsu.edu
- **Department Web Site:**  
[https://www.ndsu.edu/pharmacy/degrees\\_and\\_programs/graduate\\_program/](https://www.ndsu.edu/pharmacy/degrees_and_programs/graduate_program/)
- **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:

Code	Title	Credits
<b>Core Courses</b>		
BIOC 701	Comprehensive Biochemistry I	4
BIOC 702	Comprehensive Biochemistry II	4
PSCI 611	Principles of Pharmacokinetics and Pharmacodynamics	3
PSCI 670	Pharmacokinetics	3
STAT 725	Applied Statistics	3
<b>Additional Credits</b>		<b>7</b>
		<b>(minimum)</b>
Courses numbered 700-789, 791		
<b>Seminars</b>		
PSCI 790	Graduate Seminar (one credit each semester)	
<b>Research</b>		<b>60</b>
PSCI 899	Doctoral Dissertation	
<b>Total Credits</b>		<b>90</b>

## 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/>).