

College of Pharmacy

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Degree Programs

The College of Pharmacy offers three graduate degrees: the Master of Science (M.S.) in Pharmaceutical Sciences, the Doctor of Philosophy (Ph.D.) in Pharmaceutical Sciences, and a postdoctoral Master of Science in Clinical Psychopharmacology. The College of Pharmacy also offers a professional doctorate degree, Doctor of Pharmacy (Pharm.D.). The Pharm.D. is described in the College of Pharmacy (<https://coursecat.isu.edu/undergraduate/college-of-pharmacy/>) section of the Idaho State University Undergraduate Catalog.

Goals

To train and prepare students to succeed in their chosen career path in the variety of areas in pharmaceutical sciences and clinical psychopharmacology.

Objectives and Outcomes

Objectives

- To rigorously train students in the focus areas;
- To train students to be effective communicators of their knowledge and scientific findings;
- To expose students to multidisciplinary approaches to problem-solving to solve scientific problems;
- To educate students to be competent practitioners of the scientific method; and
- To expose students to a variety of professional strategies so that, upon finishing their training, they become adaptable and successful in achieving their long-range goals.

Student Learning Outcomes

- Students will demonstrate proficiency in understanding principles of medicinal chemistry, pharmacology, and/or pharmaceuticals;
- Students will demonstrate knowledge in techniques of biochemistry, molecular biology, and physiology as applied to pharmaceutical research;
- Students will be able to identify pertinent research problems, and formulate a research plan;
- Students will be able to critically analyze relevant literature, and to effectively communicate scientific findings in written and oral presentations;
- Students will be able to generate and analyze original research results, and to communicate these results to the scientific and/or practice community;
- Graduates of our programs will be successful in professional careers and/or postdoctoral fellowships.