

# College of Pharmacy

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- Graduates of our programs will be successful in professional careers and/or postdoctoral fellowships.

## 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 (<http://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;