The purpose of the USC School of Pharmacy undergraduate program in Pharmacology and Drug Development (PDD) is to prepare graduates for graduate work in pharmacy, medicine, dentistry, other healthcare related fields, or professional careers within biotechnology research and development. The program aims to provide skills in pharmacology, toxicology, and medical product development and use, through coursework and independent research. PDD graduates might be employed at leading research universities, in industry, government, or in any research-centric arena.

PDD undergraduate students enrolled in the program will be able to:

- Apply real world knowledge to problems arising within pharmacology, toxicology, and medical product development and use
- Compare and contrast laboratory, social, and clinical research methods to facilitate optimum translational research
- Construct and implement research designs across a variety of technologies
- Produce and interpret research outputs with relevance to pharmaceutical, medical, and healthcare projects
- Develop professional and ethical skills related to research and application of pharmacology
- Meet course prerequisites necessary for applying to Medical, Pharmacy, Dentistry and other professional training programs.