The Doctor of Pharmacy is a professional degree program. For more information on the PharmD program and the application process, please consult the following websites:

- Information for prospective students, including pre-pharmacy course work and admission requirements.
- PharmD curriculum outline
- Information for current students, including advising and the Student Handbook.

The following are the joint degrees programs currently offered in the College of Pharmacy. Visit the College of Pharmacy website for additional information about the joint programs, or contact the College of Pharmacy Office of Student Affairs, Room 154.

**PharmD-PhD Program**

In response to industry and academic demands for pharmacists with PhD training, the college offers a joint Doctor of Pharmacy (PharmD) – PhD degree program. Students enrolled in this program can pursue the PharmD—the standard degree for pharmacists—simultaneously with any of the college's PhD degree offerings. The joint program is highly competitive and designed for select students who have interests in both the clinical aspects of pharmacy and research in the pharmaceutical sciences. With judicious selection and timing of courses, joint program participants can earn both degrees in less overall time than would be required to complete the degrees separately.

**PharmD-MSHI Program**

This joint degree program integrates Pharmacy Science and clinical practice with health informatics, the goal being identification, collection, processing and management of information to support pharmacy practice, administration, education and research. It promotes the expansion of pharmacy knowledge and leadership and is an important new dimension of pharmacy practice. Students in this joint program learn to identify the social issues that inhibit the effective use of information technology in health care and to apply creative solutions that address these issues.

**PharmD-MS-CTS Program**

There is widespread consensus that the U.S. is facing a shortage of qualified researchers in clinical research who can apply accelerating advances in basic science and biotechnology to clinical practice as well as to translate clinical science into practice so that these advances improve population health. Graduates of the MS in Clinical and Translational Science (MS-CTS) will have the skills to direct a broad range of clinical studies, including the translation of scientific knowledge into clinical practice, and will be able to interact effectively with all of the complementary disciplines with which clinical investigators need to collaborate.

**PharmD-MBA Program**

The five-year joint PharmD/MBA program provides students with the business skills necessary to manage health care facilities as well as their own practices. Students spend the first two academic years in the College of Pharmacy. During the summers of the first two years, they can complete up to 16 semester hours of MBA core courses. The third year of the program will be dedicated to fulfilling the remaining requirements towards the MBA through the CBA. If students carefully follow the recommended course sequence, they should be able to complete the
program in five years. Pharmacy students must complete all requirements in the College of Pharmacy prior to receiving the MBA.