DOCTOR OF PHARMACY

The Irma Lerma Rangel College of Pharmacy operates educational and research campuses in Kingsville and College Station, Texas. It offers a four-year professional pharmacy degree program.

The Doctor of Pharmacy (PharmD) professional degree program aims to increase representation in the pharmacy profession by the traditionally underrepresented demographic groups of South Texas, provide the population of South Texas access to a high quality PharmD program, support advanced research in pharmaceutical care issues pertinent to South Texas, enhance health outcomes, and expand the scope and depth of regional health care service activities.

The first, second, and third professional years are offered on both campuses simultaneously, while the fourth professional year consists of advanced clinical rotations throughout Texas.

Educational Objectives

The Irma Lerma Rangel College of Pharmacy prepares entry-level pharmacy practitioners with the essential abilities necessary to be competent professionals, as evidenced by the ability to pass the North American Pharmacy Licensure Examination (NAPLEX) and Multistate Pharmacy Jurisprudence Examination (MPJE) on the first attempt.

The required core competencies to be attained by PharmD students are grouped into the following categories:

- Communicating with patients and health professionals
- Applying basic science to practice
- Problem-solving and decision-making
- Dispensing pharmaceuticals
- Providing pharmaceutical care
- Performing professionally and ethically
- Managing and supervising within pharmacy practice

Each of the above categories has specific learning objectives that all students are expected to satisfy over their course of study.

Program Requirements

Courses that comprise the core curriculum of the Irma Lerma Rangel School of Pharmacy curriculum leading to the Doctor of Pharmacy degree are described below. The core includes both required and elective coursework. The courses below are listed by year and consist of didactic, laboratory, practice experience (introductory and advanced) offerings. Each course is shown with designations of pre-and/or corequisites where applicable.

A candidate for the Doctor of Pharmacy (Pharm. D.) degree must satisfactorily complete all curriculum requirements, including passing all applicable comprehensive benchmark assessment activities, and have a cumulative grade point average of 2.3 or higher.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Semester Credit Hours</strong> 18</td>
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<tr>
<td>PHAR 601</td>
<td>Forum / Student Portfolios / Professional Development I 0</td>
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<tr>
<td>PHAR 605</td>
<td>IPPE I: Introductory Pharmacy Practice Experiences 1</td>
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<tr>
<td>PHAR 610</td>
<td>Principles Drug Action I 2</td>
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<tr>
<td>PHAR 626</td>
<td>Human Physiology 4</td>
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<tr>
<td>PHAR 627</td>
<td>Biochemistry 3</td>
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<tr>
<td>PHAR 641</td>
<td>Pharmaceutical Calculations 2</td>
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<tr>
<td>PHAR 655</td>
<td>Health Care Systems 2</td>
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<tr>
<td>PHAR 671</td>
<td>Clinical Communications 2</td>
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<tr>
<td>PHAR 672</td>
<td>Introduction to Patient Care 2</td>
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<td><strong>Semester Credit Hours</strong> 18</td>
<td><strong>Second Year</strong></td>
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<td>PHAR 701</td>
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<tr>
<td>PHAR 705</td>
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<td>PHAR 710</td>
<td>IPT I: Electrolytes, Acid-Base, and Kidney Diseases 2</td>
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<td>PHAR 711</td>
<td>IPT II: Cardiovascular Diseases 4</td>
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<td>PHAR 714</td>
<td>IPT Recitation/Rounds I 1</td>
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<tr>
<td>PHAR 721</td>
<td>Nutrition, Vitamins, Complementary and Alternative Medicine 2</td>
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<tr>
<td>PHAR 741</td>
<td>Pharmaceutics II 3</td>
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<tr>
<td>PHAR 742</td>
<td>Basic Pharmacokinetics 3</td>
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<td>PHAR 777</td>
<td>Sterile Products/IV Admixtures (Lab) 1</td>
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<td><strong>Elective</strong> 1</td>
<td><strong>Semester Credit Hours</strong> 18</td>
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### Third Year

#### Fall

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<td>Forum/Student Portfolios/Professional Development III</td>
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<td>PHAR 810</td>
<td>IPT V: Mental and Behavioral Health Disorders</td>
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<tr>
<td>PHAR 811</td>
<td>IPT VI: Critical Care, GI, Pulmonary, Rheumatic, Ophthalmology and Dermatology</td>
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<td>PHAR 814</td>
<td>IPT Recitation/Rounds III</td>
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<td>PHAR 841</td>
<td>Toxicology and Poison Management</td>
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<td>PHAR 842</td>
<td>Patient Assessment</td>
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<td>PHAR 872</td>
<td>Social-Behavioral Aspects of Patient Care</td>
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<tr>
<td>Elective</td>
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**Semester Credit Hours** 19

#### Spring

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<td>PHAR 812</td>
<td>IPT VII: Infectious Diseases</td>
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<td>PHAR 813</td>
<td>IPT VIII: Oncology, Transplant and Genomics</td>
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<td>IPT RECITATION/ROUNDS IV</td>
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<td>PHAR 874</td>
<td>Pre-Advanced Pharmacy Practice Experience Capstone</td>
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<td>PHAR 875</td>
<td>Clinical Pharmacokinetics</td>
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<td>Elective</td>
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**Semester Credit Hours** 19

### Fourth Year

#### Fall

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<tr>
<td>PHAR 821</td>
<td>APPE: Elective II</td>
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<tr>
<td>PHAR 876</td>
<td>APPE: Acute Care General Medicine</td>
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<tr>
<td>PHAR 877</td>
<td>APPE: Ambulatory Care</td>
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**Semester Credit Hours** 24

#### Spring

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<th>Course</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHAR 805</td>
<td>Capstone</td>
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<tr>
<td>PHAR 878</td>
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<tr>
<td>PHAR 879</td>
<td>APPE: Hospital/Health System Pharmacy</td>
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**Semester Credit Hours** 13

**Total Semester Credit Hours** 146

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1 Students are required to complete 6 semester credit hours of elective coursework. Students may complete these hours in the summer following semesters 2 and 4, or during semesters 4, 5, and 6. Students may utilize any combination of 1, 2, or 3 semester credit hours to accomplish the 6 semester credit hour requirement.