

TEXAS TECH UNIVERISTY
HEALTH SCIENCES CENTER
Graduate School of Biomedical Sciences

Guidelines and Requirements for Graduate Students
Graduate Program in Pharmaceutical Sciences

I. Program of Study

- x All students must complete the Core Curriculum for the Pharmaceutical Sciences Program (approximately 32 hours) including Pharmaceutical Sciences Seminar
- x The Graduate Seminar course is mandatory for all students. It must be taken each Fall and each Spring semester. All Graduate Seminars included in the seminar schedule are mandatory, though some departmental seminars may be attended for extra credit. Please see the

[GSBS Catalog](#)

- x A minimum of 72 hours (48 Didactic, 12 Research, and 12 Dissertation) of graduate work are required for the PhD.

PhD Current Curriculum
GSBS 5101 Responsible Conduct of Research (1)
GPSC 5230 Experimental Design and Biostatistics (2)
GPSC 5250 Applied Medicinal Chemistry (2)
GPSC 5349 Pharmaceutics (3)
GPSC 5404 Principles of Drug Structure and Action (4) Prerequisite: Biochemistry
GPSC 5410 General Biochemistry (4)
GPSC 5429 Basic Pharmacokinetics (4)
GPSC 5435 Physiology-based Pharmacology (4) Prerequisite: Principles of Drug Action
GPSC 7101 Pharmaceutical Sciences Seminar (1 ea semester of enrollment) (8 hrs)

- x Ph.D. candidates must complete the Core Curriculum for the Pharmaceutical Sciences Program. Ph.D. students must take an additional 16 hours (minimum) of elective didactic course work to complete the 48 hours of required didactic courses. Students will be allowed to take a maximum of 3 credit hours of Independent Study for didactic credit in place of an elective after their first two years of study have been completed.
- x Per GSBS requirements, all PhD students must have published an original peer-

	Elective(s)	4
	Total	9

Spring (2nd Year)

Course Number	Course Name	Credit Hours
GPSC 5429	Basic Pharmacokinetics	4
GPSC 7101	Seminar	1
	Elective(s)	4
	Total	9

Summer (2nd Year)

Course Number	Course Name	Credit Hours
GPSC 7000	Research	6
	Total	6

Fall (3rd Year)

Course Number	Course Name	Credit Hours
GPSC 7000 GPSC 7101	Research	3

	Total	9
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- x Program Curriculum, MS For more in depth description of the courses, please see the [SBS Catalog](#)
- x A minimum 40 hours (27 Didactic, 7 Research and 6 Thesis) of graduate work are required for the MS. Of the 27 Didactic hours necessary to complete a Master's degree, candidates are required to complete the following Core Curriculum courses:

MS Current Curriculum
GSBS 5101 Responsible Conduct of Research (1 cr)
GPSC 5230 Experimental Design and Biostatistics (2 cr)
GPSC 5250 Applied Medicinal Chemistry (2)
GPSC 5098 Pharm Sci Res Methods (3 cr)
GPSC 5349 Pharmaceutics (3 cr)
GPSC 5404 Principles of Drug Structure and Action (4) Prerequisite: Biochemistry
GPSC 5410 Biochemistry (4 cr)
GPSC 5429 Basic Pharmacokinetics (4 cr)
GPSC 7101 Pharmaceutical Sciences Seminar (4 cr)

- x Any requests for exceptions to the Core Curriculum for the Pharmaceutical Sciences Department outlined for the M.S. or PhD degree must be submitted to the Graduate Program Director by the student. The Graduate Program Director will make decisions for such requests in consultation with Core Course Team Leaders who will ascertain the student's knowledge of the required material.

x

- x Upon successfully completing the Oral Qualifying Examination, the Graduate Program Coordinator will submit a request for Admission to Candidacy form to the Dean of the GSBS in Lubbock.

F. Completion of the degree program:

- x The GPPS program will follow all GSBS policies and procedures. Additional details on the following are available in the [GSBS catalog](#):
- x In addition to the GSBS grade policy, the program reserves the right to terminate any student that receives a failing grade in any course.

Program Director, Abilene: Laurence Wood, PhD
Program Director, Amarillo: Abraham Al- Ahmad, PhD

Helpful links:

[GSBS Student Resource Center](#) (GSBS Academic Calendar, Online Catalog, Student Handbook, etc.)

[GSBS Student Forms Page](#):

[GPPS Web Page](#)

[GSBS Faculty Directory](#):

[GSBS Website](#)

[TTUHSC Institutional Health & Wellness](#)

[TTUHSC International Student Services](#)