

Master of Science in Pharmacy (Pharmacology)

Mission

KSU master's program in Pharmacology degree prepares the student with the knowledge and abilities required for competitive technical positions in pharmacological research and testing, for participating in clinical trials, and for performing pharmacological reviews and assessments in the pharmaceutical and biotechnology industries as well as in academic and research laboratories which will eventually contribute to improving the Saudi healthcare system.

Objectives

- To prepare competent graduates with the knowledge and abilities required for positions in pharmacological research
- To develop graduate students with critical thinking skills for evaluating scientific literature.
- To enhance awareness of graduate students in ethical considerations and regulatory frameworks in pharmacological drug development.
- To cultivate effective communication skills in graduate students for presenting research findings to diverse audiences.
- To encourage collaboration among graduate students to foster teamwork with peers and healthcare professionals.
- To prepare graduate students for leadership roles in academia, industry, or regulatory agencies.

Curriculum:

King Saud University

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Page :1/1



جامعة الملك سعود

التاريخ: 22-03-1447

الصفحة: 1/1

Degree Plan

Degree : Master

Faculty : Pharmacy

Plan hrs : 33

Sem : 462

Dept : Pharmacology & Toxicology

Plan Type : Main

Edition : 7

Major : PHAR-5 Pharmacology

Gender : All

Is active Vers : No

Actual duration :

Group : Compulsory (33)

First					
code	Course Name	Hr	requisite	Year	Activities Desc
PHL 511	EXPERIMENTAL PHARMACOLOGY	3	-	-	Lecture (1), Practical (2)
PHL 512	ADVANCED PHARMACOLOGY 1	3	-	-	Lecture (2), Practical (1)
PHL 515	LABORATORY ROTATION	2	-	-	Practical (2)
PHL 552	Molecular and Cellular Pharmacology	3	-	-	Lecture (2), Practical (1)
Total					11
Second					
PHL 513	ADVANCED PHARMACOLOGY -2-	3	-	-	Lecture (3)
PHL 516	SPECIAL TOPICS IN PHARMACOLOGY	3	-	-	Lecture (3)
PHL 521	CLINICAL PHARMACOLOGY & THERAPEUTICS	3	-	-	Lecture (2), Practical (1)
PHL 541	PHARMACOMETRICS	3	-	-	Lecture (2), Practical (1)
PHL 542	PHARMACOLOGICAL SCREENING	2	-	-	Practical (2)
Total					14
Third					
PHL 591	SEMINAR	1	-	-	Lecture (1)
PHL 598	Thesis Proposal Preparation	1	-	-	Thesis (1)
Total					2
Fourth					
PHL 6000		6	PHL 598 - S	-	Thesis (1)
Total					6

