

Master:

1- Code: 0902703

Name of the course: Advanced course in pharmacology

Lectures: 3hrs/ week

Practicals:

Tutorials:

Total hours: 3 hrs/ week

Overall aims of course:

The course aims to provide an insight on some advanced topics in pharmacology and to prepare the graduates to pursue a long life learning career in the field of pharmacology for the purpose of application and development of programs for the progress of drug development.

2- Code: 0902704

Name of the course: Applied experimental pharmacology

Lectures: 3hrs/ week

Practicals: -

Tutorials:

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Total hours: 3 hrs/ week

Overall aims of course:

The course is considered as an aid for experimental pharmacologists to pave a way for the performance of the various protocols and techniques used in the field of research in pharmacology.

The course will cover various therapeutic classes of drugs and adopted prototype methods of screening and biological assays using in vitro or in vivo models.

The course demonstrate an in-depth understanding of basic laboratory techniques used to support clinical research

It also provides the bases for pharmacologists in the field of research and industry to search for new drugs of potential use for human therapy.

3- Code: 0902702

Name of the course: Selected topics in biochemistry

Lectures: 3hrs/ week

Practicals:0

Tutorials:0

Total hours: 3 hrs/ week

Overall aims of course:

The course seeks to ensure that the pharmacology M.Sc. students know the different biochemical pathways and their correlation to different diseases to achieve broad firm foundation in the field of pharmacology and toxicology and help develop new therapeutic agents with high efficacy and least side effects.the course includes some selected topics that match the aim and objectives of the master theses of graduate student(s) attending the course.

4- Code: 0902701

Name of the course: Selected topics in physiology

Lectures: 3hrs/ week

Practicals:

Tutorials: -

Total hours: 3 hrs/ week

Overall aims of course:

To provide the candidate with detailed information about some physiological processes in the body such as functions of the cardiovascular system, central nervous system and gastrointestinal tract.