Pharmaceutical Chemistry Department

Postgraduate Courses and Programs

Master degree of Pharmaceutical Chemistry program

Basic Information

1. Program Title: Master of Pharmaceutical Chemistry

2. Program Type: postgraduate

3. Department (s): Pharmaceutical Chemistry

4.The program specifications were approved: Faculty Council meeting Held at 26/6/2016

Professional Information

Programme Aims:

By the end of this program the student should:

- *Have knowledge of organic chemistry especially in the function groups protection and deprotection.*
- *Use selective reagent for different kind of chemical conversion.*
- *Have knowledge in the field of pharmaceutical and medicinal chemistry, drug design and molecular modeling.*
- *Have Knowledge of different Methods of Drug Screening, general properties & use of radioactive compounds & stereochemistry of organic molecules.*

- *Gain skills in synthesis, separation and spectral analysis.*
- *Gain skills in drug design using different molecular modeling techniques.*
- *Be aware with the most advanced published work in the field of pharmaceutical chemistry and biological screening of the synthesized designed molecules.*