

Pharmaceutical Chemistry Department

Postgraduate Courses and Programs

Diploma of Pharmaceutical Organic Chemistry Program

Basic Information

- 1. Programme Title:** Diploma of Pharmaceutical Organic Chemistry
- 2. Programme Type:** postgraduate –non thesis based
- 3. Department (s):** Pharmaceutical Chemistry Department
- 4. Last date of program specifications approval:**
 - The agreed standards are approved at Faculty Council meeting Held at 26/6/2016.

Professional Information

Programme Aims

This program aims to enable students to:

- Comprehensive knowledge of advanced topics in the field of organic chemistry as well as the field of pharmaceutical and medicinal chemistry.
- Have knowledge of the different function groups and their reactions and reactivity.
- Ability to select the appropriate reagent for the protection or the deprotection of the functional group during the synthesis of organic compounds.
- Use selective reagent for different kind of chemical conversion.

- 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.