Career Opportunities for Graduates in
Pharmaceutical Technology

Department of Pharmacy
Faculty of Medicine and Surgery
Pharmaceutical Technology combines scientific aspects that are critical in the development and manufacture of new drugs, handling of medicines and medical devices. It consists of a number of categories:

- Pharmaceutical Chemistry
- Pharmaceutical Process Technology
- Pharmaceutical Drug Analysis
- Pharmaceutical Regulatory Affairs
- Applied Pharmaceutical Sciences
- Pharmaceutical Quality
- Pharmaceutical Microbiology
- Pharmaceutical Quality Assurance

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**Postnominal:** B.Sc. (Hons) Pharm. Tech.

**Level of Qualification:** First cycle

**Duration:** 3 years

**Mode of attendance:** Full-time

**Total ECTS credits:** 180

**Course overview:**

[www.um.edu.mt/ms/overview/UBSCPTCHFT-2012-3-O](http://www.um.edu.mt/ms/overview/UBSCPTCHFT-2012-3-O)
Skills Developed

- Ability to deal with details and ensure safety
- Communication skills: active listening, speaking skills
- Mathematical skills
- Understanding and application of medical and pharmaceutical terminology
- Correct handling, storage and stock maintenance of medicines
- Chemical and microbiological analytical skills
- An ability to accurately process written instructions and follow Standard Operating Procedures
- Ability to follow rules, regulations and standards according to local, European and international requirements such as GMP and GDP
- Ability to use computer systems and operate IT-driven processes
- An eight-week placement each year to give students a practice-oriented approach in the field of pharmaceutical industry, community and hospital pharmacy

Career Opportunities

Graduates of this programme can pursue a variety of career and job opportunities. They are trained and educated to work as scientists and researchers in the pharmaceutical industry and in pharmaceutical and healthcare organisations such as:

- Quality assurance departments in the pharmaceutical industry
- Quality control departments in the pharmaceutical industry
- Production and partial manufacturing facilities
- Regulatory affairs offices
- Medicines wholesalers and drug distribution
- Government pharmaceutical services
- Medical representatives
“This course is tailored especially for the pharmaceutical industry and in each unit the theory is further exemplified with everyday scenarios. I really feel that I fit in this course because I feel that I am both trained by theory as well as practice.” - Kirsten Mangion

“A very interesting and practical course involving a lot of hands-on experience with regard to future jobs. Very applicable study subjects, which give extremely relevant and precise knowledge on the pharmaceutical industry.” - Mark Zammit

“A course designed specifically with the pharmaceutical industry in mind. In this course one does not only learn the theory, but is also given a chance to put the theory into practice during the 8-week internships.” - Diane Camilleri

“A course which aims at getting the students closer to the pharmaceutical industry through knowledge and practice. A golden opportunity one should not miss.” - Melissa Ceci

“A very interesting course which targets the pharmaceutical industry, which has an exciting future and leads to a satisfying career. The work we are doing now, will serve to help others in the future.” - Kurt Borg

“One should choose this course as it prepares the student for work not just from the theoretical side but even from the practical point of view. This course has been prepared with the stakeholders’ interest in mind aimed for a career in the pharmaceutical industry.” - Daniel DeGaetano

“I am finding the course informative and formative because the theoretical knowledge acquired can be observed and applied during internships in the working environment. We study a variety of subjects dealing with the industry as a whole. It is ideal for those who enjoy a practical application to the theories they learn.” - Nicolette Bezzina

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