
Master

Program title:

M.Sc. in Pharmaceutical Sciences (Industrial Pharmacy)

Duration : minimum 2 years

Language: English

Program aims:

1. Educate students in the field of successful medication design, development and manufacture.
2. Supply students with the transferable practical skills and knowledge to forge successful careers in academia or the pharmaceutical industry.
3. Provide a research experience that encourages development of independent thinking and research ideology.
4. Sustain continuing professional development.
5. Work with the Egyptian pharmaceutical industry to ensure course material is timely, relevant and has practical application.
6. Continue promoting an environment conducive to faculty and staff development.
7. Provide post graduate with further opportunities to develop their verbal and non-verbal communication skills.
8. Apply critical and analytical thinking in reviewing literature.

Program courses

1. General Courses (prerequisites)

No.	Course title	Credit hours	Code No.
1	Computer science and medical informatics	2	0900701
2	Physical chemistry	2	0900702

3	Spectroscopy	3	0900703
4	Separation techniques and electrochemical analytical methods	3	0900704
5	Statistics and biostatistics	2	0900705
6	Scientific writing	1	0900706
Total credit hours		13	

2. Specialized courses

No.	Core courses	Credit hours		Code No.
		T	P	
1	Pharmaceutical technology	2	1	090370 1
2	Pharmaceutical unit operations III	1	1	090370 2
3	Seminar I	1		090370 3
4	Pharmaceutical unit operations IV	2	1	090370 4
5	Physical pharmacy	2		090360 6
6	Seminar II	1		090370 5
Total credit hours		12		

3. Master Thesis