وصف البرنامج:

يهدف برنامج ماجستير العلوم الصيدلية في ممارسة الصيدلية إلى إعداد صيادلة ذوى قاعدة علمية رفيعة ومهارات متطورة وقيم متميزة ومهنية في مجالات التدخل الإكلينيكي والرعاية الصيدلية ليعد الخريج للتفاعل مع المرضى وأفراد الفريق الطبي والمجتمع والباحثين في المجالات العلاجية الطبية المختلفة ولإجراء البحوث ذات العلاقة والتي تهدف الي خدمة ورقي للمجتمع المصري والإقليمي. ويشرف على هذا البرنامج قسم الممارسة الصيدلية والصيدلة الإكلينيكية . تبين الجداول التالية الساعات المعتمدة المطلوبة للحصول على درجة ماجستير العلوم الصيدلية في ممارسة الصيدلة والصيدلة الإكلينيكية مع توضيح المقررات الدراسية و عدد الساعات المعتمدة وتوزيع درجات الإمتحان لكل مقرر .

الفصل الأول

Code	Course		Credit		Course Assessment			
			Lect	Pract	Course Work	Pract Exam	Written Exam	Total
PCR 801	Scientific Writing	Compulsory	1	0	10	-	40	50
PCR 802	Ethics of Scientific Research		1	0	10	-	40	50
PCR 803	Pharmaceutical Statistics		2	0	20	-	80	100
PHP 881	Advanced Pharmacy Practice		2	0	20	-	80	100
PHP 882	Advanced Pharmacotherapeutics- I		3	0	30	-	120	150
PHP 883	Advanced Pharmacotherapeutics- II		3	0	30	-	120	150
Total Credits			**12**		**Total Marks**			**600**

الفصل الثاني

Code	Course		Credit		Course Assessment			
			Lect	Pract	Course Work	Pract Exam	Written Exam	Total
PHP 884	Advanced Pharmacotherapeutics- III	Compulsory	3	0	30	-	120	150
PHP 885	Literature Patient Care Information		1	0	10	-	40	50
PHP 886	Advanced Pharmacy Skills	E	2	0	20	-	80	100

PHP 783	Pharmacoepidemiology and Pharmacovigillince		2	0	20	-	80	100
PHP 900	Thesis	**6**					
	Total Credits	**12**			**Total Marks**	**300**

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بالإضافة الى 24 ساعة معتمدة "رسالة" توزع على فصلين دراسيين إضافيين على الأقل.

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PROGRAM COURSES

PCR 801: SCIENTIFIC WRITING (1+0)

Course Description

This course aims to demystify the writing process and teach the fundamentals of effective scientific writing. Instructions will focus primarily on the process of writing and publishing scientific manuscripts but grant writing will also be addressed. The course will be presented in two segments: Part (1) teaches students how to write effectively, concisely, and clearly and part (2) takes them through the preparation of an actual scientific manuscript or grant.

PCR 802: ETHICS OF SCIENTIFIC RESEARCH (1+0)

Course Description

The course is essentially intended for graduate students in the biomedical sciences. This course delineates important ethical issues of scientific investigation, including intellectual property, plagiarism, conflict of interest, human and animal subjects, and record keeping.

PCR 803: PHARMACEUTICAL STATISTICS (2+0)

Course Description

An intensive introductory course in statistical methods used in applied research. Emphasis is placed on the principles of statistical reasoning, underlying assumptions, and careful interpretation of results. Topics covered include descriptive statistics, graphical displays of data, introduction to probability, expectations and variance of random variables, confidence intervals and tests for means, differences of means, proportions, differences of proportions, chi-square tests for categorical variables, regression and multiple regressions, an introduction to analysis of variance.

PHP 881: ADVANCED PHARMACY PRACTICE (2+0)

Course Description

This course offers information on health-care systems, care organization, health-care professionals, contemporary pharmacy practice care, social and behavioral aspects in pharmacy practice with health-care providers and patients, ethics in pharmacy practice, professionalism and professional behavior, clinical intervention, pharmaceutical care, pharmacotherapy patient care presentation, pharmacotherapy workup with ethics considerations in practice, components and categories of drug therapy problems, pharmacoeconomics; and pharmacogenetics, role of practioners in identification, solution and prevention of drug therapy problems.

PHP 882: ADVANCED PHARMACOTHERAPEUTICS I (3+0)

Course Description

This course provides a module of therapeutic problem-solving. It embraces definition; epidemiology; prevalence; risk and predisposing factors; pathophysiology; etiology; associated conditions; diagnosis; differential diagnosis; treatment: general measures; non-pharmacological methods; medications; surgery and other methods, patient's counseling; education and follow-up of certain cardiovascular, pulmonary, gastrointestinal and renal disorders.

PHP 883: ADVANCED PHARMACOTHERAPEUTICS II (3+0)

Course Description

This course provides a module of therapeutic problem-solving. It embraces definition, epidemiology, prevalence, risk and predisposing factors, pathophysiology, etiology, associated conditions, diagnosis, differential diagnosis, treatment: general measures, non-pharmacological methods, medications, surgery and others other methods, patient's counseling, education and follow-up of certain pediatric, geriatric, woman health, male, eye, ENT, and infectious disorders dermatological and arthritic disorders.

PHP 884: ADVANCED PHARMACOTHERAPEUTICS III (3+0)

Course Description

This course provides a module of therapeutic problem solving. It embraces definition; epidemiology, prevalence; risk and predisposing factors; pathophysiology; etiology; associated conditions; diagnosis, differential diagnosis, treatment: general measures, non-pharmacological methods, medications, surgery and others other methods, patient's counseling, education and follow-up of certain endocrine, psychiatric, neurologic and hematopoietic and neoplastic disorders

PHP 885: LITERATURE PATIENT CARE INFORMATION (1+0)

Course Description

This course offers the principles of literature evaluation: sources, information gathering to complete a patient database, comprehensive drug therapy assessment, identification of medication

related needs; drug therapy problems and creation of the pharmacist's care plan. Skills include identifying resources to answer clinical questions, developing search strategies, and critically evaluating scientific literature allowing students to identify and utilize the best evidence to make decisions regarding patient care.

PHP 886: ADVANCED PHARMACY SKILLS (2+0)

Course Description

This course offers advanced modules for research, communication; listening; interpersonal; analytical, leadership, patient counseling and education, presentation and language skills. It offers behavioral aspects of good pharmacy practice, ethics, professionalism, values and standards of patient counseling and education.