

LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

Form Name : Course Catalogue

Revision No. : 02/2022

Form No. : QAO-OP.17

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Basic information:

Program on which the Course is offered	PharmD
Qualification Awarded	Bachelor of Pharmacy (BPharmD)
Course title - Code - Year	Pharmacist and Critical Care– 3503– Fifth Year
Course Type	Professional Stage II
Total contact Hours / week [1 hrs.]	(Online Lectures: 1)
ECTS Hours	1
Pre-requisites for this Course	Completion of All Professional Stage I Requirements
Week period	7

Course Description:

Course topics include how to be an ICU pharmacist; pain, agitation, and delirium; PAD; vasopressors/sepsis; sepsis controversies; ventilators; seizures/status epilepticus; reversal of anticoagulation; neurocritical care topics; RSI/ED topics; status asthmaticus/COPD exacerbations; DVT/PE/SUP; AKI/RRT; liver failure/HRS/encephalopathy; antibiotic issues in critical care; toxicology.

Course Objectives:

By the end of this Course/Subject the student should be able to:

- Understand the impact and pharmacist role in different types of critical care pharmacy services.

Learning and Teaching Methods, & Assessment Methods

Learning and teaching methods:

- Online Lectures.
- Online Activities

Assessment methods:

- **Final assessment:**
 - Final Theoretical Exam

Weighting of Assessment:

Assessment	%
• Final Theoretical Exam	100%
Total	100

Assessment Schedule:

Assessment	Week
• Final Theoretical Exam	During Week 10 of Block XX

Examination Regulations:

- If the student absenteeism is more than 25 % he/she cannot attempt the final exam.
- The total required percentage to pass this course is at least 50 %.

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List of textbooks and references:

Course Notes:

- PowerPoint presentations, videos and other materials related to lectures and lab are uploaded to the Moodle by experts on weekly basis according to the teaching schedules.

Recommended Books :

- Pharmacotherapy hand book.

Periodicals , web sites:

- Horn, E., & Jacobi, J. (2006). The critical care clinical pharmacist: evolution of an essential team member. *Critical care medicine*, 34(3), S46-S51.
- Kane, S. L., Weber, R. J., & Dasta, J. F. (2003). The impact of critical care pharmacists on enhancing patient outcomes. *Intensive care medicine*, 29(5), 691-698.
- Johnson, T. J. (2013). *Critical Care Pharmacotherapeutics*. Jones & Bartlett Publishers.
- Society of Critical Care Medicine and the American College of Clinical Pharmacy, Rudis, M. I., Cohen, H., Cooper, B. E., Gonzalez III, L. S., Hassan, E., ... & Whipple, J. A. (2000). Position paper on critical care pharmacy services. *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy*, 20(11), 1400-1406.

Block Policies:

Code of Ethics

Please refer to the below LIMU code of ethics

<http://limu.edu.ly/images/11/ethcode.pdf>

Code of Conduct

Please refer to the below PharmD program code of conduct

<http://repository.limu.edu.ly/handle/123456789/2135>

Academic integrity

Please be aware that cheating, plagiarism, in-class disruption and dishonesty are vigorously prosecuted and that LIMU has a zero-tolerance policy.