

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

**Form Name : Course Catalogue**

**Revision No. :01/2021**

**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	Nuclear Pharmacy– 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:

This course provides introduction on nuclear pharmacy, nuclear pharmacy technology, radiation health effects, radiobiology and radiochemistry, radio pharmaceuticals, radiopharmaceutical design.

## Course Objectives:

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

- Efficiently and effectively use their reasoning skills and work on resolving problems that would have an impact on healthcare in the community.
- Evaluate existing knowledge, technology, and information necessary for solving problems.
- Manage resources and information effectively, and use evidence-base approach to assess and suggest alternatives.
- Communicate effectively, verbally, nonverbally and in writing.

## 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%
<b>Total</b>	<b>100</b>

## Assessment Schedule:

Assessment	Week
• Final Theoretical Exam	During Week 9 of Block XX

## Examination Regulations:

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- The total required percentage to pass this course is at least 50 %.

## 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 :

- Fundamentals of nuclear pharmacy / by Gopal B. Saha. 6th edition
- Nuclear pharmacy- Concepts and applications in nuclear pharmacy/ edited by Blaine Templar Smith

### Periodicals , web sites:

- World journal of nuclear medicine (open access): <http://www.wjnm.org/>
- Purdue University's Nuclear Pharmacy Interview Series: <https://nuclear.pharmacy.purdue.edu/node/275>
- Purdue University's History of Nuclear Pharmacy: <https://nuclear.pharmacy.purdue.edu/timeline>

## 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.