

Semester Course Structure for the Program Post Graduate Diploma in Nuclear Medicine Technology

Academic Year: 2025 – 26

Department of Physics
School of Basic and Applied Sciences
Adamas University

Distribution of Papers Semester-wise

Semester I

Type of Course	Paper Name	Paper Code	No. of Papers	Credit	L-T-P
Core (Theory I)	Fundamentals of Radiation Physics	PHY11701	1	4	4-0-0
Core (Theory II)	Radiation Detection and Measurement	PHY11702	1	4	4-0-0
Core (Theory III)	Radiopharmaceuticals	PHY11703	1	4	4-0-0
Core (Theory IV)	Instrumentation and Medical Imaging Technique	PHY11704	1	4	4-0-0
Core (Practical)	Fundamental Physics and Radiation Physics Lab	PHY12705	1	2	0-0-2
Total			5	18	

Semester II

Type of Course	Paper Name	Paper Code	No. of Papers	Credit	L-T-P
Core (Theory I)	Radiation Biology	PHY11706	1	4	4-0-0
Core (Theory II)	Radiation Protection and Regulatory Aspects	PHY11707	1	4	4-0-0
Core (Theory III)	Clinical Applications of Nuclear Medicine	PHY11708	1	4	4-0-0
Core (Practical I)	Nuclear Medicine Lab I	PHY12709	1	2	4-0-0
Core (Practical II)	Nuclear Medicine Lab II	PHY12710	1	2	0-0-2
Apprenticeship	Project	PHY14711		4	
Total			5	20	

TOTAL CREDIT: (18 + 20) = 38