

This diploma aims to prepare the students to work in advanced research projects of developing and evaluating novel nanopharmaceuticals and gene-based therapeutics. The students will study how to design and evaluate efficient and targeted gene delivery systems.

Semester	Code	Course Title	Credit Hours		Exam Time	Grades			
			Lecture	Practical		Written	Practical	Oral	Total
First	DPT-208	Introduction to Nanopharmaceuticals	2	-	2	80	-	20	100
	DPT-209	Biodistribution and Targeting of Nanopharmaceuticals	2	1	2	60	20	20	100
	DPT-210	Intracellular Trafficking of Drugs and Genes	1	1	2	30	10	10	50
	DPT-211	Gene Delivery Systems	2	1	2	60	20	20	100
	DPT-212	Delivery of Protein and Peptide Drugs	2	1	2	60	20	20	100
Second	DPT-213	Biomaterials for Gene-Based Therapeutics	2	1	2	60	20	20	100
	DPT-214	Advanced Evaluation of Innovative Nanopharmaceuticals	2	1	2	60	20	20	100
	DPT-215	Clinical Applications of Gene-Based Therapeutics	2	-	2	80	-	20	100
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