Doctor of Philosophy in Biomedical Informatics and Medical Statistics

1721800 - Department of Biomedical informatics and Medical Statistics

Admission Requirements: Postgraduate students with M.Sc. or an equivalent degree in Medical Informatics.

Core Courses (14 Cr): 1721801, 1721802, 1721803, 1721804,

Elective Courses (10 Cr): 1721805 1721806, 1721807, 1721808, 1721809, 1721810, 1721811, 1721812, 1721813, 1721814, 1721815, 1721816, 1721818, 1721817, 1721819

Ph.D. Thesis: 24 Cr

Core Courses (14 Cr)

Code	Name	Credit Hours		
		Theoretical	Practical	Total Cr
1721801	Time series analysis	2	2	3
1721802	Systematic Review and Meta-analysis	2	4	4
1721803	Clinical Measurements and Accuracy of Diagnostic Tests	2	2	3
1721804	Advanced Topics in Registration of chronic diseases	2	4	4
		8	12	14

Elective Courses (10 Cr)

Code	Name	Theoretical	Practical	Total Cr
1721805	Basic genetic epidemiology	3	--	3
1721806	Advanced Genetic epidemiology	2	--	2
1721807	Critical Appraisal &Journal club	1	4	3
1721808	Principles of Registration of Chronic Diseases	2	2	2
1721809	GIS and Open Source Systems	2	2	3
1721810	Survival Analysis	1	2	2
1721811	Statistical tools in quality of healthcare	2	2	3
1721812	Evidence Based Medicine	2	-	2
1721813	Advanced Bioinformatics	3	2	4
1721814	Artificial Intelligence	2	2	3
1721815	Data reduction, classification and scale reliability	2	2	3
1721816	Evidence based guidelines	3	-	3
1721817	Regression Analysis	2	2	3
1721818	Economics of Health& Medical care	1	2	2
1721819	Intermediate Medical Statistics	2	2	3