



Kashan University of Medical Sciences

The Curriculum of the MSc in Health Information Technology

Semester: 1

Course Code / Lesson No.	Course Title	Course Type			Credits				Prerequisite
		Core	Major	Complementary	Theoretical	Practical	Practicum	Total	
	Data structure & computer programming I				1	1	-	2	-
	Computer network & information systems security				1	1	-	2	-
	Application of IT in healthcare				2	-	-	2	-
	Advanced biostatistics				1	1	-	2	-
	Advanced English				2	-	-	2	-
	Health information sciences				0/5	0/5	-	1	-
	Research methods				2	-	-	2	-
Total Credits of the Semester					9/5	3/5	-	13	



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Semester: 2

Course Code / Lesson No.	Course Title	Course Type			Credits			Prerequisite	
		Core	Major	Complementary	Theoretical	Practical	Practicum		Total
	Data structure & computer programming II				1	1	-	2	Data structure & computer programming I
	Medical Informatics				2	-	-	2	Application of IT in healthcare
	Seminar				1	1	-	2	Research methods
	Medical nomenclature and classification systems				3	-	-	3	-
	Healthcare information management				3	-	-	3	-
Total Credits of the Semester					10	2	-	12	



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Semester: 3

Course Code / Lesson No.	Course Title	Course Type			Credits			Prerequisite	
		Core	Major	Complementary	Theoretical	Practical	Practicum		Total
	Management of healthcare information systems				2	-	-	2	
	Evaluation of Healthcare systems				2	-	-	2	
	healthcare Communication technologies				1	1	-	2	
	Application of computer in Data analysis				1	1	-	2	
Total Credits of the Semester					6	2	-	8	



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Semester: 4

Course Code / Lesson No.	Course Title	Course Type			Credits			Prerequisite
		Core	Major	Complementary	Theoretical	Practical	Practicum	
	Thesis						6	
Total Credits of the Semester							6	