



KASHAN UNIVERSITY OF MEDICAL SCIENCES

THE M.Sc. CURRICULUM OF 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							2	-
	HEALTH INFORMATION MANAGEMENT I							2	-
	COMPUTER NETWORK & INFORMATION SYSTEMS SECURITY							2	-
	CLASSIFICATION AND NOMENCLATURE SYSTEMS							2	-
	APPLICATION OF IT IN HEALTHCARE							2	-
	ADVANCED BIOSTATISTICS							2	-
	ADVANCED ENGLISH							2	-
	MEDICAL INFORMATION SYSTEMS							1	-
	RESEARCH METHODS IN HEALTH							2	-
									-
TOTAL CREDITS OF THE SEMESTER								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							2	DATA STRUCTURE & COMPUTER PROGRAMMING 1
	HEALTH INFORMATION MANAGEMENT II							2	HEALTH INFORMATION MANAGEMENT I
	MEDICAL INFORMATICS							2	APPLICATION OF IT IN HEALTHCARE
	SEMINAR							2	RESEARCH METHODS
	CLASSIFICATION NOMENCLATURE SYSTEMS IN HEALTH SYSTEM							3	-
	HEALTH INFORMATION MANAGEMENT							3	-
TOTAL CREDITS OF THE SEMESTER								14	



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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 HEALTH INFORMATION SYSTEMS							2	-
	EVALUATION OF HEALTH SYSTEMS							2	-
	HEALTH COMMUNICATIONS TECHNOLOGIES							2	-
	APPLICATION OF COMPUTER IN DATA ANALYSIS							2	-
TOTAL CREDITS OF THE SEMESTER								8	



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SEMESTER: 4

COURSE CODE / LESSON NO.	COURSE TITLE	COURSE TYPE			CREDITS				PREREQUISITE
		CORE	MAJOR	COMPLEMENTARY	THEORETICAL	PRACTICAL	PRACTICUM	TOTAL	
	THESIS							6	
TOTAL CREDITS OF THE SEMESTER								6	