

Urmia University of Medical Sciences
School of Allied Health
Curriculum of Medical Informatics at MSc. Degree

Urmia University of Medical Sciences (UMSU)- International Campus

Medical Informatics curriculum for the MSc. degree.
Some subjects could be displaced between semesters.

Medical Informatics-MSc.- 1st semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Medical informatics systems	0.5	0.5	-	1
2	Application of statistics in health care	2	-	-	2
3	The structure of medical data and E-health records	3	-	-	3
4	Applied research in medical informatics design	1	1	-	2
5	English for Specific Purposes (ESP)	2	-	-	2
6	Medical terminology	3	-	-	3
Total					13

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Medical Informatics –MSc.- 2th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Information Technology in Healthcare	2	-		2
2	Standards and data coding in health	3	-	-	3
3	Design and evaluation of information systems in Health 1	1	1	-	2
4	Software programming	2	1	-	3
5	Medical informatics and Imaging	3	1		4
Total			-		14

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Medical Informatics –MSc.- 3th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Design and evaluation of information systems in Health 2	2	-	-	2
2	Neural networks and intelligent systems in medical	3	-	-	3
3	Medical informatics (seminar)	1	1	Econometrics	2
	Medical informatics management	3	-		3
4	Field internship	-	2	-	2
	Total				12

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Medical Informatics –MSc.- 4th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Thesis	-	6	-	6
	Total				6