

Urmia University of Medical Sciences
School of Medicine
Biochemistry Curriculum

Urmia University of Medical Sciences (UMSU)- International Campus

Biochemistry Curriculum for the M.Sc. degree. Some subjects could be displaced between semesters

Biochemistry - 1st semester

	Subject	Number of Credits			Total credits
		Credit (theoretical)	Credit (practical)	Prerequisite	
1	General hormone Biochemistry	2	0.5	-	2.5
2	Membrane and Neuroscience Biochemistry	2	-	-	2
3	Blood physiopathology	2	-	-	2
4	Vitamins and their metabolic role	2	-	-	2
Total					8.5

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Biochemistry -2th Semester

	Subject	Number of Credits			Total credits
		Credit (theoretical)	Credit (practical)	Prerequisite	
1	Clinical hormones Biochemistry	2	0.5	-	2.5
2	Clinical Biochemistry	3	0.5	-	3.5
3	immunochemistry	2	0.5	-	2.5
4	Seminar I	1	1	-	2
5	Internship in a medical laboratory	3	3	-	3
6	SEM	2	1	-	3
7					
8					
	Total				16.5

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Biochemistry -3th Semester

	Subject	Number of Credits			Total credits
		Credit (theoretical)	Credit (practical)	Prerequisite	
1	toxicology	2	0.5	-	2.5
2	Rare element	2	1	-	3
3	Seminar II	1	-	-	1
4	Biochemistry of Cancer	2	1	-	3
5	Metabolic control and congenital diseases	2	-	-	2
6	drugs metabolisms and their interactions with bio-macro molecule	2	-	-	2
Total					13.5

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Biochemistry -4th Semester

	Subject	Number of Credits			Total credits
		Credit (theoretical)	Credit (practical)	Prerequisite	
1	Thesis	-	6	-	6
2					
3					
	Total				6