

Urmia University of Medical Sciences
School of Allied Health
Curriculum of Operating Room-- BSc. Degree

Urmia University of Medical Sciences (UMSU)- International Campus

Operating Room curriculum for the BSc. degree. Some subjects could be displaced between semesters.

Operating Room- BSc.-1st semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Anatomy 1	1.5	0.5		2
2	Physiology 1	2	-		2
3	Higher Chemistry and Biochemistry	2	-		2
4	Principles and techniques of mobile performance	1.5	0.5		2
5	Principles and techniques of performance Scrub	1.5	0.5		2
6	Health	2	-		2
7	Islamic thought 1	2	-		2
8	Physical Education 1	-	1		1
9	Pre university English	2	-		2
10	Holy Defense	2	-		2
Total					19

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Operating Room - BSc.- 2th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Anatomy 2	1.5	0.5		2
2	Physiology 2	2	-		2
3	Internship in operating room	-	1		1
4	Principles of sterilization and disinfection	1	-		1
5	Parasitology and Virology	2	1		3
6	Familiarity with operating room equipment	2	-		2
7	Introduction to surgical technology	2			2
8	General English	3	-		3
9	Islamic thought 2	2	-		2
10	Physical Education 2	-	1		1
Total					19

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Operating Room - BSc.- 3th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Nursing skills training in internship and externship fields	-	2		2
2	Medical terminology	1	-		1
3	Information technology in operating room	0.5	0.5		1
4	Hematology and Blood Transfusion	2	-		2
5	Familiarity with internal diseases	2	-		2
6	Pharmacology	3	-		3
7	Pathology	1	-		1
8	Immunology	1.5	0.5		2
9	General psychology	2	-		2
10	English for specific purpose (ESP)	2	-		2
11	Islamic Ethics	2	-		2
Total					20

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Operating Room - BSc.- 4th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	CPR procedures and Principles of intensive care	3	-		3
2	Professional ethics in the operating room	1	-		1
3	Anesthesia	2	-		2
4	Surgical technology in Adultery and Urological surgery	2	-		2
5	Internship in central Sterilization sector	-	1		1
6	principles and techniques of internship in scrub and mobile performance	-	2		2
7	Surgical technology in gastrointestinal and endocrine surgery	3	-		3
8	Mental Health in the operating room	2	-		2
9	Islamic revolution of Iran	2	-		2
10	Family knowledge & population	2	-		2
Total					20

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Operating Room - BSc.- 5th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Advanced principles of caring in recovery room	2	-		2
2	Surgical technology in Cardiovascular and respiratory surgery	2	-		2
3	Surgical technology in Neurosurgery and orthopedic surgery	3	-		3
4	Management in operating room	2	-		2
5	Internship in CPR	-	1		1
6	Internship in operating room techniques	-	3		3
7	Emergency situations	1	-		1
8	Biostatistics	1	-		1
9	Analytic history of Islam	2	-		2
Total					17

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Operating Room - BSc.- 6th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Research methodology in operating room	1	-		1
2	Caring principles internship in recovery room	-	2		2
3	Management internship in operating room	-	1		2
4	Internship in emergency operating room	-	1		1
5	Surgical technology in ENT	2	-		2
6	Surgical technology in Pediatric surgery	1	-		1
7	Surgical technology in Dermatologic surgery and burns	1	-		1
8	Medical physics , Robotics ,electricity and their applications	1	-		1
9	Thematic interpretation of Quran	2	-		2
10	Persian literature	3	-		3
11	Islamic civilization and culture in Islam & Iran	2	-		2
Total					18

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Operating Room - BSc.- 7th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Field internship in orthopedics	-	2		2
2	Field internship in Neurology	-	2		2
3	Field internship in skin burn & restoration	-	2		2
4	Field internship in Urology	-	2		2
5	Field internship in women diseases	-	2		2
6	Field internship in cardiovascular	-	2		2
	Total	-	-		12

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Operating Room - BSc.- 8th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Field internship in eye	-	2		2
2	Field internship in maxillofacial	-	2		2
3	Thoracic field internship	-	2		2
4	Field internship in ENT	-	2		2
5	Field internship in Pediatrics	-	1		1
6	Field internship in gastrointestinal and endocrine surgery	-	2		2
7	Field internship in one surgical major (optional)		1		1
Total		-	-		12