

**Urmia University of Medical Sciences**  
**School of Allied Health**  
**Curriculum of Anesthesiology-BSc. Degree**

**Urmia University of Medical Sciences (UMSU)- International Campus**

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

**Anesthesiology - 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	Microbiology & Sterilization	1.5	0.5		2
4	Biochemistry	1	-		1
5	Principles of Nursing & Work in Operating Room	2	-		2
6	Professional Ethics in Anesthesia	1	-		1
7	management principles of health services	1	-		1
8	Computer Application	2	1		3
9	Physical Education 1	-	1		1
10	Pre university English	2	-		2
11	Holy defense	2			2
12	Islamic thought 1	2	-		2
<b>Total</b>					<b>21</b>

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### Anesthesiology - BSc.- 2th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Physics of Anesthesia	2	-		2
2	Anatomy 2	1.5	0.5		2
3	Physiology 2	2	-		2
4	Basic Principles of Pharmacology	3	-		3
5	Nursing internship	-	2		2
6	Medical terminology	2	-		2
7	General English	3	-		3
8	Islamic thought 2	2	-		2
9	Physical Education 2	-	1		1
<b>Total</b>					<b>19</b>

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### Anesthesiology - BSc.- 3th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Principles of Anesthesia	3	-		3
2	Semiology and clinical examination	1.5	0.5		2
3	Specific Pharmacology	3	-		3
4	Management in Anesthesia	1	-		1
5	Immunology	1	-		1
6	Internship 1	-	4		4
7	English for Specific Purposes(ESP)	3	-		3
8	Islamic Ethics	2	-		2
<b>Total</b>					<b>19</b>

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### Anesthesiology - BSc.- 4th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Hematology and Blood Transfusion	2	-		2
2	Physiopathology	4	-		4
3	Anesthesia Method 1	4	-		4
4	Internship 2	-	4		4
5	Persian Literature	3	-		3
6	Population & Family planning	2	-		2
<b>Total</b>					<b>19</b>

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### Anesthesiology - BSc.- 5th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Anesthesia Method 2	4	-		4
2	Principles of Intensive Care	3	-		3
3	Internship 3	-	4		4
4	internal and external diseases Familiarity	3	-		3
5	First Aid Principles	1.5	0.5		2
6	Psychology	2	-		2
7	Thematic interpretation of Quran	2	-		2
<b>Total</b>					<b>20</b>

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### Anesthesiology - BSc.- 6th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Anesthesia Method 3	4	-		4
2	Internship 4	-	4		4
3	Principles of Pain Management	2	-		2
4	Medical Emergencies	1.5	0.5		2
5	Biostatistics and research methodology	2.5	0.5		3
	Islamic Civilization & culture of Iran and Islam	2			2
6	Islamic revolution of Iran	2	-		2
	<b>Total</b>				<b>19</b>

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#### Anesthesiology - BSc.- 7th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Field internship 1	-	8	-	8
	Post Anesthesia Care	2	-		2
2	Analytic history of Islam	2	-		2
<b>Total</b>		-			<b>12</b>

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#### Anesthesiology - BSc.- 8th semester

	Subject	Number of Credits			Total credits
		Credit (Theoretical)	Credit (Practical)	Prerequisite	
1	Field internship 2	-	8	-	8
<b>Total</b>		-			<b>8</b>