



## **Faculty of Allied Medical Sciences**

### **Department of Technology of Anesthesia and Resuscitation**

**Study Plan Guide for the bachelor's degree in Technology of Anesthesia  
and Resuscitation**

**2022-2023**

## 2. bachelor's degree in Technology of Anesthesia and Resuscitation

First Year				
First Term				
Course No.	Course Title	Cr. hrs.	Prerequisite	Corequisite
01101112	English Education	3	01100012	
01101111	Arabic Language	3	01100011	
01101151	Computer Skills	3		
11011281	General Biology	3		
11011282	General Biology (Lab)	1		11011281
11011107	General Chemistry	3		
11011108	General Chemistry	1		05024121
<b>Total</b>		<b>17</b>		
Second Term				
Course No.	Course Title	Cr. hrs.	Prerequisite	Corequisite
12021211	Anatomy	3		
12021212	Anatomy (Lab)	1		12011211
09012103	Fundamentals of nursing for Anesthesia	2		12042221
12012216	Clinical Psychology	2		
11021205	General Medical Physics	3		
01101101	Military Sciences	3		
01101102	Civic Education	3		
<b>Total</b>		<b>17</b>		

<b>Second Year</b>				
<b>First Term</b>				
<b>Course No.</b>	<b>Course Title</b>	<b>Cr. hrs.</b>	<b>Prerequisite</b>	<b>Corequisite</b>
12042221	Human physiology	3	11011282 <b><u>12021211</u></b>	
12032115	Pathology	3	11011281	
12032121	Introduction to Anesthesia	3		
05023121	General pharmacology I	3	12042221	
12032122	Physics for anesthesia	2	11021205	
12032123	Anesthesia Equipment & supplies I	3		
	<b>Total</b>	<b>17</b>		

<b>Second Term</b>				
<b>Course No.</b>	<b>Course Title</b>	<b>Cr. hrs.</b>	<b>Prerequisite</b>	<b>Corequisite</b>
12032211	Pharmacology of anesthesia	3	12032111	
12032212	Pre-operative assessment and preparation	3	12042221	
12032213	Medical Problems and Its Management	2		
12033141	Clinical practice I	3		
12032223	Pathophysiology for Anesthesia	2	12032115 12042221	
	Selective Department Requirements	3		
	<b>Total</b>	<b>16</b>		

<b>Third Year</b>				
<b>First Term</b>				

Course No.	Course Title	Cr. hrs.	Prerequisite	Corequisite
12033111	Advance pharmacology for anesthesia	3	12032211	
12033121	Anesthesia equipment & supplies II	4	12032123	
12033122	Regional and local anesthesia	2		
12032221	Principles of respiratory therapy and mechanical ventilation	3		
12032241	Anesthesia and medical disease	3		
12033242	Clinical Practice II	3	12033141	

	<b>Total</b>	<b>18</b>		
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Second Term				
Course No.	Course Title	Cr. hrs.	Prerequisite	Corequisite
12033232	Anesthesia for Emergency Cases	3		
12033233	Cardiopulmonary resuscitation for anesthesia	2		
12033244	Advanced Monitoring of Patient	3	12033141	
12033151	Intensive care	3		
12033243	Clinical Practice III	3	12033241	
12033261	Principles of dealing with critical situations	3		
	<b>Total</b>	<b>17</b>		

Fourth Year				
First Term				
Course No.	Course Title	Cr. hrs.	Prerequisite	Corequisite
12034131	Post-Operative Pain Management	3		
12034132	Advanced Anesthesia Techniques	4		
12034191	Field Training (1)	4	12033243	
12034163	Occupational health hazards	1		
	Specialized Elective	3		
	University Elective	3		
	<b>Total</b>	<b>18</b>		
Second Term				

<b>Course No.</b>	<b>Course Title</b>	<b>Cr. hrs.</b>	<b>Prerequisite</b>	<b>Corequisite</b>
12034292	Field Training (2)	4	12033243	
12034231	Specialized anesthesia	2	12033122	
12041218	Medical ethics	1		
	University Elective	3		
	Specialized Elective	3		
	Free Elective	3		
	<b>Total</b>	<b>16</b>		