

# 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**

**2021 / 2022**

| 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    |
| 05024121     | Clinical Biochemistry       | 3         |              |             |
| 05023122     | Clinical Biochemistry (Lab) | 1         |              | 05024121    |
| <b>Total</b> |                             | <b>17</b> |              |             |
| Second Term  |                             |           |              |             |
| Course No.   | Course Title                | Cr. hrs.  | Prerequisite | Corequisite |
| 12011211     | Anatomy                     | 3         |              |             |
| 12011212     | Anatomy (Lab)               | 1         | 12011212     |             |
| 12031213     | Microbiology                | 3         |              |             |
|              | University Elective         | 3         |              |             |
| 11021205     | General Medical Physics     | 3         |              |             |
| 01101101     | Military Sciences           | 3         |              |             |
| 01101102     | Civic Education             | 2         |              |             |
| <b>Total</b> |                             | <b>18</b> |              |             |

| Second Year |                                     |           |              |             |
|-------------|-------------------------------------|-----------|--------------|-------------|
| First Term  |                                     |           |              |             |
| Course No.  | Course Title                        | Cr. hrs.  | Prerequisite | Corequisite |
| 12011213    | Human physiology                    | 3         |              |             |
| 12011214    | Human Physiology (Lab)              | 1         |              | 12011213    |
| 12032115    | Pathophysiology                     | 3         |              |             |
| 12032121    | Introduction to Anesthesia          | 3         |              |             |
| 12032112    | Pharmacology of Anesthesia          | 4         |              |             |
|             | Specialized Elective                | 3         |              |             |
|             |                                     |           |              |             |
|             | <b>Total</b>                        | <b>17</b> |              |             |
| Second Term |                                     |           |              |             |
| Course No.  | Course Title                        | Cr. hrs.  | Prerequisite | Corequisite |
| 12032211    | Physical Assessment of Pt.          | 3         |              |             |
| 12032212    | Advanced Pharmacology of Anesthesia | 4         | 12032112     |             |
| 12032213    | Medical Problems and Its Management | 3         |              |             |
| 12032221    | Principles of Airway Management     | 2         |              | 12032211    |
| 12032222    | Anesthesia Equipment & Supplies I   | 3         | 12032121     |             |
|             | Specialized Elective                | 2         |              |             |
|             |                                     |           |              |             |
|             | <b>Total</b>                        | <b>17</b> |              |             |

| Third Year   |                                    |           |              |             |
|--------------|------------------------------------|-----------|--------------|-------------|
| First Term   |                                    |           |              |             |
| Course No.   | Course Title                       | Cr. hrs.  | Prerequisite | Corequisite |
| 12033121     | Anesthesia Equipment & Supplies II | 3         |              |             |
| 12033122     | Regional Anesthesia                | 4         |              |             |
| 12033141     | Clinical Practice I                | 2         |              |             |
| 12033151     | Intensive Care                     | 3         |              |             |
| 12033152     | Mechanical Ventilation             | 3         |              |             |
|              | Specialized Elective               | 3         |              |             |
| <b>Total</b> |                                    | <b>18</b> |              |             |

| Second Term  |                                 |           |              |             |
|--------------|---------------------------------|-----------|--------------|-------------|
| Course No.   | Course Title                    | Cr. hrs.  | Prerequisite | Corequisite |
| 12033231     | Preparation for General Surgery | 3         |              |             |
| 12033232     | Anesthesia for Emergency Cases  | 3         |              |             |
| 12033233     | Anesthesia for Day Surgery      | 2         |              |             |
| 12033244     | Advanced Monitoring of Patient  | 4         |              |             |
| 12033242     | Clinical Practice II            | 3         |              |             |
| 12033243     | Clinical Practice III           | 3         |              |             |
| <b>Total</b> |                                 | <b>18</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     | Clinical Training (1)          | 4         |              |             |
|              | Specialized Elective           | 3         |              |             |
|              | University Elective            | 3         |              |             |
| <b>Total</b> |                                | <b>17</b> |              |             |
| Second Term  |                                |           |              |             |

| Course No.   | Course Title                           | Cr. hrs.  | Prerequisite | Corequisite |
|--------------|--|-----------|--------------|-------------|
| 12034231     | Pre-operative Principles of Assessment | 2         |              |             |
| 12034292     | Clinical Training (2)                  | 4         | 12034191     |             |
|              | University Elective                    | 3         |              |             |
|              | Specialized Elective                   | 3         |              |             |
|              | Free Elective                          | 3         |              |             |
| <b>Total</b> |  | <b>15</b> |              |             |