

### Advisory plan for the respiratory therapy specialty 2202/2203

| First year      |              |              |                             |          |
|-----------------|--------------|--------------|-----------------------------|----------|
| First semester  |              |              |                             |          |
| Co-requisite    | Prerequisite | Credit hours | Course name                 | Course # |
| -               | 01100012     | 3            | English language            | 01101112 |
| -               | 01100011     | 3            | Arabic language             | 01101111 |
| -               | -            | 3            | General Biology             | 11011281 |
| 11011281        | -            | 1            | General Biology Practical   | 11011282 |
| -               | -            | 3            | General Chemistry           | 11011107 |
| 11011101        | -            | 1            | General Chemistry practical | 11011108 |
| -               | -            | 3            | University electives        |          |
|                 |              | <b>17</b>    | <b>Total</b>                |          |
| Second semester |              |              |                             |          |
| Co-requisite    | Prerequisite | Credit hours | Course name                 | Course # |
| -               | 11011282     | 3            | Human anatomy               | 12011211 |
| 12011211        | -            | 1            | Human anatomy practical     | 12011212 |
| 12011212        |              | 3            | Human physiology            | 12011213 |
| 12042221        | -            | 2            | Nursing fundamentals        | 09012103 |
| -               | -            | 2            | Psychology for clinician    | 12012216 |
| -               | -            | 3            | General medical physics     | 11021205 |
| -               | -            | 3            | Military sciences           | 01101101 |
|                 |              | <b>17</b>    | <b>Total</b>                |          |

| Second year    |              |              |                                     |          |
|----------------|--------------|--------------|-------------------------------------|----------|
| First semester |              |              |                                     |          |
| Co-requisite   | Prerequisite | Credit hours | Course name                         | Course # |
| -              | -            | 3            | Civil education                     | 01101102 |
| -              | 11011281     | 3            | Pathology                           | 12012115 |
| -              | -            | 3            | Introduction to respiratory therapy | 12041212 |
| -              | 12042221     | 3            | Pharmacology 1                      | 05023121 |
| 12042111       |              | 2            | Medical gases                       | 12042122 |
| -              | 12021212     | 3            | Respiratory system anatomy          | 12041211 |
|                |              | 17           | <b>Total</b>                        |          |

| Second semester |              |              |  |          |
|-----------------|--------------|--------------|--|----------|
| Co-requisite    | Prerequisite | Credit hours | Course name  | Course # |
|                 | 12042111     | 3            | Pharmacology for respiratory                                   | 12042234 |
|                 | 12032115     | 3            | Respiratory system pathology1                                  | 12042224 |
| -               | 12041212     | 2            | Administration in the respiratory unit                         | 12042251 |
| 12042224        | -            | 3            | Fundamentals of Respiratory Therapy and Artificial Respiration | 12042231 |
| 12042224        |              | 3            | Respiratory therapeutic procedures                             | 12042232 |
|                 |              | 3            | University electives   |          |
|                 |              | 17           | <b>Total</b>   |          |

| Third year     |                      |              |                                       |          |
|----------------|----------------------|--------------|---------------------------------------|----------|
| First semester |                      |              |                                       |          |
| Co-requisite   | Prerequisite         | Credit hours | Course name                           | Course # |
| -              | 12042224             | 3            | Respiratory system pathology2         | 12043126 |
| -              | 12042122             | 3            | Medical gases                         | 12043125 |
| -              | 12042121             | 3            | Clinical evaluation                   | 12043127 |
| -              | 12042231<br>12043238 | 3            | Clinical practice 1                   | 12043141 |
| -              | 12042224             | 3            | Fundamentals of sleeping dyspnea      | 12043136 |
| -              | 12042232             | 3            | Intensive care of the heart and lungs | 12043135 |
|                |                      | <b>18</b>    | <b>Total</b>                          |          |

| Second semester |              |              |   |          |
|-----------------|--------------|--------------|---|----------|
| Co-requisite    | Prerequisite | Credit hours | Course name   | Course # |
| -               | 12042224     | 3            | Respiratory care for pediatrics                     | 12043237 |
| -               | 12042232     | 3            | Rehabilitation for respiratory patients             | 12043233 |
| -               | 12043141     | 3            | Clinical practice2                                  | 12043242 |
| -               | 12043142     | 3            | Clinical practice3                                  | 12043243 |
| -               | 12044231     | 3            | Fundamentals of pulmonary functions testing methods | 12043238 |
| -               | 12042251     | 3            | Managing artificial respirators                     | 12044139 |
|                 |              | <b>18</b>    | <b>Total</b>  |          |

| Fourth year     |              |              |   |          |
|-----------------|--------------|--------------|---|----------|
| First semester  |              |              |   |          |
| Co-requisite    | Prerequisite | Credit hours | اسم المادة                                    | Course # |
| -               | 12043243     | 3            | Clinical practice4                            | 12044244 |
| -               | 12041212     | 2            | Occupational health hazards                   | 12044153 |
| -               | 12043244     | 4            | Clinical training 1                           | 12044141 |
|                 |              | 3            | Optional major                                |          |
|                 |              | 3            | Optional major                                |          |
|                 |              | 1            | Ethics for medical profession                 | 12011218 |
|                 |              | <b>16</b>    | <b>Total</b>                                  |          |
| Second semester |              |              |   |          |
| Co-requisite    | Prerequisite | Credit hours | Course name                                   | Course # |
| -               | 12044141     | 4            | Clinical training2                            | 12044242 |
|                 | 12042232     | 2            | Advanced pulmonary function screening methods | 12044231 |
|                 |              | 3            | Free course                                   |          |
|                 |              | 3            | Major elective requirementt                   |          |
|                 |              | 3            | University electives                          |          |
|                 |              | <b>16</b>    | <b>Total</b>                                  |          |