

## Study Plan of the Program of Biology

| Course ID                       | Course Title                            | Credit Hours | Contact Hours | Pre-requisite |
|---------------------------------|---|--------------|---------------|---------------|
| <b>First Year: First Term</b>   |   |              |               |               |
| 11030119                        | English language (1)                    | 3            | 6             | -             |
| 19041101                        | Differential & Integral (1)             | 4            | 4             | -             |
| 19011101                        | General Biology                         | 4            | 5             | -             |
| 11020204                        | Health Education                        | 1            | 1             | -             |
| 11010101                        | Islamic Culture (1)                     | 2            | 2             | -             |
| 19091213                        | Arabic Editing                          | 2            | 2             | -             |
| <b>First Year: Second Term</b>  |   |              |               |               |
| 11030219                        | English language (2)                    | 3            | 6             | 11030119      |
| 19031104                        | General Physics                         | 4            | 5             | -             |
| 19061104                        | General Chemistry                       | 4            | 5             | -             |
| 11020107                        | Recitation Correction                   | 2            | 2             | -             |
| 11010111                        | Islamic Culture (2)                     | 2            | 2             | -             |
| <b>Second Year: First Term</b>  |   |              |               |               |
| 19011217                        | English for Specific purposes (Biology) | 2            | 2             |               |
| 19011219                        | Plant Morphology                        | 3            | 4             | (19011101)    |
| 19011221                        | Invertebrates                           | 3            | 4             | (19011101)    |
| 19011326                        | Bacteriology                            | 3            | 4             | (19011101)    |
| 19011223                        | Cytology                                | 3            | 4             | (19011101)    |
| 19011225                        | Fundamentals of Ecology                 | 3            | 4             | (19011101)    |
| 11010113                        | Voluntary Community Service (1)         | -            | -             | -             |
| <b>Second Year: Second Term</b> |   |              |               |               |
| 19011216                        | Genetics                                | 3            | 4             | )١٩.١١٢٢٥(    |
| 19012204                        | Plant Anatomy                           | 3            | 4             | )١٩.١١٢١٩(    |
| 19011218                        | Histology                               | 3            | 4             | )١٩.١١٢٢٣(    |
| 19061211                        | Organic                                 | 3            | 4             | (١٩.٦١١.٤)    |

|                                |                                   |   |          |            |
|--------------------------------|-----------------------------------|---|----------|------------|
|                                | Chemistry                         |   |          |            |
| 19012208                       | Mycology                          | 3 | 4        | -          |
| 19011220                       | General Entomology                | 3 | 4        | )١٩.١١٢٢١( |
| 11010123                       | Voluntary Community Service (2)   | - | -        | -          |
| <b>Third Year: First Term</b>  |                                   |   |          |            |
| 19011329                       | Plant Physiology                  | 3 | 4        | )١٩.١٢٢.٤( |
| 19011331                       | Chordata                          | 2 | 3        | -          |
| 11010112                       | Research and Essay Writing Skills | 2 | 2        |            |
| 19011333                       | Virology                          | 3 | 4        | -          |
| 19011335                       | Phycology                         | 3 | 4        | -          |
| 19011337                       | Archegoniatas                     | 2 | 3        |            |
| 19011321                       | Parasitology                      | 3 | 4        | 1901221    |
| <b>Third Year: Second Term</b> |                                   |   |          |            |
| 19011334                       | Animal Physiology                 | 3 | 4        | )١٩.١١٢١٨( |
| 19011336                       | Plant Ecology                     | 2 | 3        | )١٩.١١٢٢٥( |
| 19011315                       | Biochemistry                      | 3 | 4        | )١٩.٦١٢١١( |
| 19011338                       | Microbial Ecology                 | 2 | 3        | )١٩.١١٢٢٥( |
| 19041303                       | Biostatistics                     | 2 | 3        |            |
| 19011328                       | Flowering Plants Taxonomy         | 3 | 4        | )١٩.١١٢١٩( |
| 19011340                       | Molecular Biology                 | 3 | 4        | )١٩.١١٢١٦( |
| <b>Fourth Year: First Term</b> |                                   |   |          |            |
| 19011431                       | Immunology                        | 2 | 3        |            |
| 19011433                       | Graduation Research               | 2 | 3        |            |
| 19011435                       | Fauna of Saudi Arabia Kingdom     | 3 | 4        |            |
| 19011437                       | Biotechnology                     | 2 | <b>3</b> |            |
| 19011439                       | Ecology and Animal Behaviour      | 2 | 3        |            |
| 19011441                       | Physiology of                     | 2 | 3        |            |

|                                 |                                     |   |          |                          |
|---------------------------------|-------------------------------------|---|----------|--------------------------|
|                                 | Microorganisms                      |   |          |                          |
|                                 | Elective (1)                        | 2 | 3        |                          |
| <b>Fourth Year: Second Term</b> |                                     |   |          |                          |
| 19011423                        | Environmental Pollution             | 3 | 4        | )١٩.١١٢٢٥(               |
| 19011434                        | Applied Microbiology                | 3 | 4        | ) + ١٩.١٢٢.٨( )١٩.١١٣٢٦( |
| 19011436                        | Metabolism                          | 3 | 4        | )١٩.٦١٣١٥(               |
| 19011438                        | Flora of Saudi Arabia Kingdom       | 3 | 4        | )١٩.١١٣٢٨(               |
| 19011440                        | Embryology                          | 2 | 3        | )١٩.١١٣٣١(               |
|                                 | Elective (2)                        | 2 | 3        |                          |
| <b>Electives</b>                |                                     |   |          |                          |
| ١٩.١١٤٤٣                        | Techniques & Laboratory Instruments | 2 | 3        |                          |
| ١٩.١١٤٤٥                        | Economic Plants                     | 2 | ٣        | <b>(19011219)</b>        |
| ١٩.١١٤٤٧                        | Tissue Culture                      | 2 | <b>3</b> | <b>(١٩.١١٣٢٩)</b>        |
| ١٩.١١٤٤٤                        | Phytogeography                      | 2 | 3        | )١٩.١١٣٢٦(               |
| ١٩.١١٤٤٦                        | Comparative Anatomy                 | 2 | 3        | )١٩.١١٣٣١(               |
| ١٩.١١٤٤٨                        | Economic & Medical Entomology       | 2 | 3        | )١٩.١١٢٢.٠(              |