



| Level  | Semester | No.                | Module Code | Module Name in English                | اسم المادة الدراسية             | Language    | SSWL (hr/w) |                                     |            |           |            |             | Exam hr/sem      | SSWL hr/sem | USSWL hr/sem | SWL hr/sem | ECTS | Module Type      | Prerequisite Module(s) Code |
|--|----------|--------------------|-------------|---------------------------------------|---------------------------------|-------------|-------------|-------------------------------------|------------|-----------|------------|-------------|------------------|-------------|--------------|------------|------|------------------|-----------------------------|
|  |          |                    |             |                                       |                                 |             | CL (hr/w)   | Lect (hr/w)                         | Lab (hr/w) | Pr (hr/w) | Tut (hr/w) | Semn (hr/w) |                  |             |              |            |      |                  |                             |
| UGIII  | Five     | 1                  | ENV301      | Medical Molecular Biology             | الاحياء الجزيئي الطبي           | English     | 2           |                                     | 2          | 2         |            |             | 3                | 93          | 82           | 175        | 7.00 | C                |                             |
|  |          | 2                  | ENV302      | Nutrition                             | التغذية                         | English     | 2           |                                     |            | 3         |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 3                  | ENV303      | Radiation and Human Health            | الاشعاع وصحة الانسان            | Arabic      | 2           |                                     |            | 4         |            |             | 3                | 93          | 57           | 150        | 6.00 | C                |                             |
|  |          | 4                  | ENV304      | Occupational Health & Safety          | الصحة والسلامة المهنية          | Arabic      | 2           |                                     |            | 2         |            |             | 3                | 63          | 62           | 125        | 5.00 | C                |                             |
|  |          | 5                  | ENV305      | Environmental Health Legislations     | تشريعات الصحة البيئية           | Arabic      | 3           |                                     |            |           |            |             | 3                | 48          | 52           | 100        | 4.00 | C                |                             |
|  |          | 6                  | ENV306      | public health                         | صحة عامة                        | Arabic      | 2           |                                     |            |           |            |             | 3                | 33          | 17           | 50         | 2.00 | B                |                             |
|  |          |                    |             |                                       |                                 |             | Total       | 13                                  | 0          | 2         | 11         | 0           | 0                | 18          | 408          | 342        | 750  | 30.00            |                             |
|  | Six      | 1                  | ENV307      | Biodiversity                          | التنوع الحياتي                  | English     | 2           |                                     |            | 3         |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 2                  | ENV308      | Air Quality & Pollution               | نوعية وتلوث الهواء              | English     | 2           |                                     | 3          |           |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 3                  | ENV309      | Food Safety                           | سلامة الاغذية                   | Arabic      | 2           |                                     |            | 3         |            |             | 3                | 78          | 47           | 125        | 5.00 | C                |                             |
|  |          | 4                  | ENV310      | Nanotechnology                        | علم النانوتقنية                 | Arabic      | 2           |                                     | 3          |           |            |             | 3                | 78          | 47           | 125        | 5.00 | C                |                             |
|  |          | 5                  | ENV311      | Epidemiology & Community Health       | علم الوبائيات وصحة المجتمع      | Arabic      | 2           |                                     |            | 3         |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 6                  | ENV312      | English Language III                  | اللغة الانكليزية III            | English     | 2           |                                     |            |           |            |             | 3                | 33          | 17           | 50         | 2.00 | S                |                             |
|  |          |                    |             |                                       |                                 |             | Total       | 12                                  | 0          | 6         | 9          | 0           | 0                | 18          | 423          | 327        | 750  | 30.00            |                             |
| UGIV   | Seven    | 1                  | ENV401      | Research Project I                    | مشروع تخرج 1                    | English     |             |                                     | 3          | 3         |            |             | 3                | 93          | 57           | 150        | 6.00 | C                |                             |
|  |          | 2                  | ENV402      | Community Health & Infectious Disease | صحة المجتمع والامراض المعدية    | Arabic      | 2           |                                     |            | 3         |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 3                  | ENV403      | Medical Virology                      | علم الفيروسات الطبية            | English     | 2           |                                     |            | 3         |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 4                  | ENV404      | Solid & Hazardous Waste Management    | ادارة المخلفات الصلبة والخطرة   | Arabic      | 2           |                                     |            | 2         |            |             | 3                | 63          | 37           | 100        | 4.00 | C                |                             |
|  |          | 5                  | ENV405      | Environmental Impact Assessment       | تقييم الاثر البيئي              | Arabic      | 2           |                                     |            | 1         |            |             | 3                | 48          | 52           | 100        | 4.00 | C                |                             |
|  |          | 6                  | ENV406      | Bioremediation                        | المعالجة الحيوية                | Arabic      | 2           |                                     | 2          |           |            |             | 3                | 63          | 37           | 100        | 4.00 | C                |                             |
|  |          |                    |             |                                       |                                 |             | Total       | 10                                  | 0          | 5         | 12         | 0           | 0                | 18          | 423          | 327        | 750  | 30.0             |                             |
|  | Eight    | 1                  | ENV407      | Research Project II                   | مشروع تخرج 2                    | English     |             |                                     | 3          | 3         |            |             | 3                | 93          | 57           | 150        | 6.00 | C                |                             |
|  |          | 2                  | ENV408      | Water and Wastewater Treatment        | معالجة المياه والمخلفات المائية | Arabic      | 2           |                                     |            | 2         |            |             | 3                | 63          | 37           | 100        | 4.00 | B                |                             |
|  |          | 3                  | ENV409      | Environmental Toxins                  | السموم البيئية                  | Arabic      | 2           |                                     |            | 2         |            |             | 3                | 63          | 62           | 125        | 5.00 | C                |                             |
|  |          | 4                  | ENV410      | Transmissible Diseases                | الامراض الانتقالية              | Arabic      | 2           |                                     |            | 3         |            |             | 3                | 78          | 72           | 150        | 6.00 | C                |                             |
|  |          | 5                  | ENV411      | Quality Control                       | السيطرة النوعية                 | Arabic      | 2           |                                     |            |           |            |             | 3                | 33          | 67           | 100        | 4.00 | B                |                             |
|  |          | 6                  | ENV412      | Serology & Vaccines                   | علم الامصال واللقاحات           | English     | 2           |                                     |            | 3         |            |             | 3                | 78          | 47           | 125        | 5.00 | C                |                             |
|  |          |                    |             |                                       |                                 |             | Total       | 10                                  | 0          | 3         | 13         | 0           | 0                | 18          | 408          | 342        | 750  | 30.0             |                             |
|  |          |                    |             |                                       | Total                           | 91          | 1           | 49                                  | 71         | 0         | 4          | 144         | 3369             | 2631        | 6000         | 240.0      |      | Must be 240 ECTS |                             |
| Note: The student should complete 4 weeks of Summer Internships to fulfill the requirements of the Bachelor's degree |          |                    |             |                                       |                                 |             |             |                                     |            |           |            |             |                  |             |              |            |      |                  |                             |
| Structured SWL (hr/w) type   | CL       | Class Lecture      |             |                                       |                                 | Module type | B           | Basic learning activities           |            |           |            | SWL:        | Student Workload |             |              |            |      |                  |                             |
|  | Lab      | Laboratory         |             |                                       |                                 |             | C           | Core learning activity              |            |           |            | SSWL:       | Structured SWL   |             |              |            |      |                  |                             |
|  | Pr       | Practical Training |             |                                       |                                 |             | S           | Suport or related learning activity |            |           |            | USSWL:      | Unstructured SWL |             |              |            |      |                  |                             |
|  | Tut      | Tutorial           |             |                                       |                                 |             | E           | Elective learning activity          |            |           |            |             |                  |             |              |            |      |                  |                             |
|  | Lect     | Online lecture     |             |                                       |                                 |             |             |                                     |            |           |            |             |                  |             |              |            |      |                  |                             |
|  | Semn     | Seminar            |             |                                       |                                 |             |             |                                     |            |           |            |             |                  |             |              |            |      |                  |                             |
| Note: Columns O, Q and R are progmaed, protected and should not be edited  |          |                    |             |                                       |                                 |             |             |                                     |            |           |            |             |                  |             |              |            |      |                  |                             |

