



جامعة جابر بن حيان للعلوم الطبية والصيدلانية  
كلية العلوم الطبية  
قسم التحليلات المرضية

*First Cycle – bachelor's degree (B.Sc.) – pathological analyses*

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|                                                                                                                      |            |                    |             |                                                                           |                           |          |                                     |             |                      |                       |             |             |                  |             |               |            |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|----------------------------------------------------------------------------------------------------------------------|------------|--------------------|-------------|---------------------------------------------------------------------------|---------------------------|----------|-------------------------------------|-------------|----------------------|-----------------------|-------------|-------------|------------------|-------------|---------------|------------|-------|------------------|-----------------------------|----------|--|---|--|--|---|---|----|----|-----|------|------|----------|----------|--|
| UGIII                                                                                                                | Five       | 1                  | Path-311    | infectious diseases                                                       | امراض معدية               | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 2                  | Path-312    | clinical immunology                                                       | مناعة سريرية              | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           | Path-223 |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 3                  | Path-313    | medical molecular biology                                                 | علم الاحياء الجزيئي الطبي | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 4                  | Path-314    | pathological analyses                                                     | تحليلات مرضية             | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           | Path-121 |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 5                  | Path-315    | microbial diagnosis                                                       | تشخيص مايكروبي            | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          |                                     |             |                      |                       |             |             |                  | 0           |               | 0          | 0.00  | C                |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           | Total    | 10                                  | 0           | 10                   | 0                     | 0           | 0           | 5                | 20          | 395           | 355        | 750   | 30.00            |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      | Semester   | No.                | Module Code | Module Name in English                                                    | اسم المادة الدراسية       | Language | SSWL (hr/w)                         |             |                      |                       |             |             | Exam hr/sem      | SSWL hr/sem | USSW L 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) |             |                  |             |               |            |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
| Six                                                                                                                  |            |                    |             |                                                                           |                           |          | 1                                   | Path-321    | research methodology | منهج بحث              | English     | 2           |                  |             |               |            |       |                  |                             |          |  |   |  |  | 1 | 3 | 48 | 27 | 75  | 3.00 | C    |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 2                                   | Path-322    | medical genetics     | وراثة طبية            | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  | 1 | 4 | 94 | 81 | 175 | 7.00 | C    | Path-313 |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 3                                   | Path-323    | enzymology           | الزيمات               | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  | 1 | 4 | 79 | 71 | 150 | 6.00 | C    |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 4                                   | Path-324    | Antibiotics          | مضادات حيائية         | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  | 1 | 4 | 94 | 81 | 175 | 7.00 | C    |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 5                                   | Path-325    | hematology           | علم الدم              | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  | 1 | 4 | 94 | 81 | 175 | 7.00 | C    |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           | Total                     | 10       | 0                                   | 8           | 0                    | 2                     | 5           | 19          | 409              | 341         | 750           | 30.00      |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
| Level                                                                                                                | Semester   | No.                | Module Code | Module Name in English                                                    | اسم المادة الدراسية       | Language | SSWL (hr/w)                         |             |                      |                       |             |             | Exam hr/sem      | SSWL hr/sem | USSW L 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) |                  |             |               |            |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
| UGIV                                                                                                                 | Seven      | 1                  | Path-411    | blood diseases                                                            | امراض دم                  | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           | Path-325 |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 2                  | Path-412    | clinical chemistry                                                        | كيمياء سريرية             | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 3                  | Path-413    | medical biotechnology                                                     | تقنيات احيائية طبية       | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 4                  | Path-414    | toxicology                                                                | علم السموم                | English  | 2                                   |             | 2                    |                       |             |             | 1                | 4           | 79            | 71         | 150   | 6.00             | C                           | Path-313 |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 5                  | Path-415    | option 1                                                                  | اختياري ١                 | English  | 2                                   |             |                      |                       |             |             | 1                | 3           | 60            | 40         | 100   | 4.00             | E                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            | 6                  | Path-416    | Research Project                                                          | مشروع بحث                 | English  |                                     |             | 2                    |                       |             |             |                  |             | 20            | 30         | 50    | 2.00             | C                           |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | Total                               | 10          | 0                    | 10                    | 0           | 0           | 5                | 19          | 396           | 354        | 750   | 30.0             |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      | Semester   | No.                | Module Code | Module Name in English                                                    | اسم المادة الدراسية       | Language | SSWL (hr/w)                         |             |                      |                       |             |             | Exam hr/sem      | SSWL hr/sem | USSW L 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) |             |                  |             |               |            |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
| Eight                                                                                                                |            |                    |             |                                                                           |                           |          | 1                                   | Sc-path421  | endocrinology        | غدد صم                | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  |   | 1 | 4  | 79 | 71  | 150  | 6.00 | C        |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 2                                   | Sc-path422  | pathology            | علم الامراض الانسيجية | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  |   | 1 | 4  | 79 | 71  | 150  | 6.00 | C        | Path-211 |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 3                                   | Sc-path423  | genetic engineering  | هندسة وراثة           | English     | 2           |                  |             |               |            |       |                  |                             |          |  | 2 |  |  |   | 1 | 4  | 79 | 71  | 150  | 6.00 | C        |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 4                                   | Sc-path424  | epidemiology         | علم الوبائيات         | English     | 2           |                  |             |               |            |       |                  |                             |          |  |   |  |  |   | 1 | 4  | 79 | 71  | 150  | 6.00 | C        |          |  |
|                                                                                                                      |            |                    |             |                                                                           |                           |          | 5                                   | Sc-path425  | option 2             | اختياري ٢             | English     | 2           |                  |             |               |            |       |                  |                             |          |  |   |  |  |   | 1 | 3  | 60 | 40  | 100  | 4.00 | E        |          |  |
| 6                                                                                                                    | Sc-path426 | Research Project   | مشروع بحث   | English                                                                   |                           |          | 2                                   |             |                      |                       |             | 2           | 20               | 30          | 50            | 2.00       | C     |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
|                                                                                                                      |            |                    |             |                                                                           | Total                     | 10       | 0                                   | 8           | 0                    | 2                     | 5           | 21          | 396              | 354         | 750           | 30.0       |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
| Total                                                                                                                |            |                    |             |                                                                           |                           |          | 88                                  | 0           | 72                   | 2                     | 6           | 32          | 171              | 3149        | 2851          | 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     |             |                                                                           |                           |          |                                     |             |                      |                       |             |             |                  |             |               |            |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |
| Sem n                                                                                                                | Seminar    |                    |             | Note: Columns O, Q and R are progmaed, protected and should not be edited |                           |          |                                     |             |                      |                       |             |             |                  |             |               |            |       |                  |                             |          |  |   |  |  |   |   |    |    |     |      |      |          |          |  |