

|  |          | Republic of Iraq - Ministry of Higher Education and Scientific Research<br>University of Mosul<br>Bachelor's degree in Architectural Engineering (First cycle)<br>Five years (Ten semesters) - 300 ECTS - Each 1 ECTS = 25 hr<br>Program Curriculum (2024 - 2025) |                                   |                                            |                                |                     |             |             |             |            |            | جمهورية العراق - وزارة التعليم العالي والبحث العلمي<br>جامعة الموصل<br>بكالوريوس في هندسة العمارة (الدورة الأولى)<br>خمس سنوات (عشرة فصول دراسية) - ٣٠٠ وحدة اوروبية - كل وحدة اوروبية = ٢٥ ساعة<br>المنهاج الدراسي للعام ٢٠٢٤-٢٠٢٥ |                |                 |                 |               |                |                             |                                           |  |  |  |  |
|-----------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|--------------------------------|---------------------|-------------|-------------|-------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|---------------|----------------|-----------------------------|-------------------------------------------|--|--|-------------------------------------------------------------------------------------|--|
| Level                                                                             | Semester | No.                                                                                                                                                                                                                                                               | Module Code                       | Module Name in English                     | اسم المادة الدراسية            | Language            | SSWL (hr/w) |             |             |            |            | Exam<br>hr/sem                                                                                                                                                                                                                      | SSWL<br>hr/sem | USSWL<br>hr/sem | SWL<br>hr/sem   | ECTS          | Module<br>Type | Prerequisite Module(s) Code |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     | CL (hr/w)   | Lect (hr/w) | Lab (hr/w)  | Pr (hr/w)  | Tut (hr/w) |                                                                                                                                                                                                                                     |                |                 |                 |               |                |                             | Semn (hr/w)                               |  |  |                                                                                     |  |
| UGI                                                                               | One      | 1                                                                                                                                                                                                                                                                 | ARC 111                           | Architecture Design and Graphic (1)        | التصميم والرسم المعماري (١)    | English             | 2           |             |             | 6          |            |                                                                                                                                                                                                                                     | 3              | 123             | 177             | 300           | 12.00          | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 2                                                                                                                                                                                                                                                                 | ARC 112                           | Descriptive geometry & Engineering Drawing | الهندسة الوصفية والرسم الهندسي | English             | 1           |             |             | 3          |            |                                                                                                                                                                                                                                     | 3              | 63              | 87              | 150           | 6.00           | S                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 3                                                                                                                                                                                                                                                                 | ARC 113                           | Art & Architecture                         | الفن والعمارة                  | English             | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 67              | 100           | 4.00           | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 4                                                                                                                                                                                                                                                                 | ARC 114                           | Mathematics (1)                            | الرياضيات (١)                  | English             | 2           | 2           |             |            | 1          |                                                                                                                                                                                                                                     | 3              | 78              | 22              | 100           | 4.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 5                                                                                                                                                                                                                                                                 | UOM 1011                          | Arabic Language (1)                        | اللغة العربية (١)              | Arabic              | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 17              | 50            | 2.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 6                                                                                                                                                                                                                                                                 | UOM 1040                          | Democracy & Human Rights                   | الديمقراطية و حقوق الانسان     | Arabic              | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 17              | 50            | 2.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                | Total               | 11          | 2           | 0           | 9          | 1          | 0                                                                                                                                                                                                                                   | 18             | 363             | 387             | 750           | 30.00          |                             |                                           |  |  |                                                                                     |  |
|                                                                                   | Two      |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     |             |             |             |            |            |                                                                                                                                                                                                                                     |                |                 |                 |               |                |                             |                                           |  |  |                                                                                     |  |
|                                                                                   |          | Semester                                                                                                                                                                                                                                                          | No.                               | Module Code                                | Module Name in English         | اسم المادة الدراسية | Language    | SSWL (hr/w) |             |            |            |                                                                                                                                                                                                                                     | Exam<br>hr/sem | SSWL<br>hr/sem  | USSWL<br>hr/sem | SWL<br>hr/sem | ECTS           | Module<br>Type              | Prerequisite Module(s) Code               |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     |             | CL (hr/w)   | Lect (hr/w) | Lab (hr/w) | Pr (hr/w)  | Tut (hr/w)                                                                                                                                                                                                                          | Semn (hr/w)    |                 |                 |               |                |                             |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 1                                                                                                                                                                                                                                                                 | ARC 121                           | Architecture Design and Graphic (2)        | التصميم والرسم المعماري (٢)    | English             | 2           |             |             |            | 6          |                                                                                                                                                                                                                                     |                | 3               | 123             | 177           | 300            | 12.00                       | C                                         |  |  |                                                                                     |  |
|                                                                                   |          | 2                                                                                                                                                                                                                                                                 | ARC 122                           | Free Hand Drawing (1)                      | الرسم اليدوي الحر (١)          | English             | 1           |             |             |            | 3          |                                                                                                                                                                                                                                     |                | 3               | 63              | 62            | 125            | 5.00                        | S                                         |  |  |                                                                                     |  |
|                                                                                   |          | 3                                                                                                                                                                                                                                                                 | ARC 123                           | Construction and Building Materials        | الانشاء ومواد البناء           | English             | 2           |             |             |            | 1          |                                                                                                                                                                                                                                     |                | 3               | 48              | 52            | 100            | 4.00                        | C                                         |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     |             |             |             |            |            |                                                                                                                                                                                                                                     |                |                 |                 |               |                |                             |                                           |  |  |                                                                                     |  |
| 4                                                                                 | ARC 124  | Mathematics (2)                                                                                                                                                                                                                                                   | الرياضيات (٢)                     | English                                    | 2                              | 2                   |             |             |             | 1          |            | 3                                                                                                                                                                                                                                   | 78             | 22              | 100             | 4.00          | B              |                             |                                           |  |  |                                                                                     |  |
| 5                                                                                 | UOM 1031 | computer literacy (1)                                                                                                                                                                                                                                             | حاسوب (١)                         | English                                    | 2                              |                     |             | 2           |             |            |            | 3                                                                                                                                                                                                                                   | 63             | 12              | 75              | 3.00          | B              |                             |                                           |  |  |                                                                                     |  |
| 6                                                                                 | UOM 1021 | English Language (1)                                                                                                                                                                                                                                              | اللغة الانكليزية (١)              | English                                    | 2                              |                     |             |             |             |            |            | 3                                                                                                                                                                                                                                   | 33             | 17              | 50              | 2.00          | B              |                             |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            | Total                          | 11                  | 2           | 2           | 10          | 1          | 0          | 18                                                                                                                                                                                                                                  | 408            | 342             | 750             | 30.00         |                |                             |                                           |  |  |                                                                                     |  |
| UGII                                                                              | Three    | 1                                                                                                                                                                                                                                                                 | ARC 211                           | Architecture Design (1)                    | التصميم المعماري (١)           | English             | 2           |             |             | 8          |            | 1                                                                                                                                                                                                                                   | 3              | 153             | 147             | 300           | 12.00          | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 2                                                                                                                                                                                                                                                                 | ARC 212                           | History of Ancient Architecture            | تاريخ العمارة القديمة          | English             | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 42              | 75            | 3.00           | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 3                                                                                                                                                                                                                                                                 | ARC 213                           | Building Construction                      | انشاء المباني                  | English             | 2           |             | 2           |            |            |                                                                                                                                                                                                                                     | 3              | 63              | 37              | 100           | 4.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 4                                                                                                                                                                                                                                                                 | ARC 214                           | Graphic and Architectural Presentation     | الرسم والاطهار المعماري        | English             | 1           |             |             | 3          |            |                                                                                                                                                                                                                                     | 3              | 63              | 12              | 75            | 3.00           | S                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 5                                                                                                                                                                                                                                                                 | ARC 215                           | Computer Architectural Drawing 2D          | الرسم المعماري بالحاسوب ٢D     | English             | 1           |             | 3           |            |            |                                                                                                                                                                                                                                     | 3              | 63              | 37              | 100           | 4.00           | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 6                                                                                                                                                                                                                                                                 | UOM 2050                          | Crimes of Ba'ath Regime in Iraq            | جرائم نظام البعث في العراق     | Arabic              | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 17              | 50            | 2.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 7                                                                                                                                                                                                                                                                 | UOM2022                           | English Language (2)                       | اللغة الإنكليزية (٢)           | Arabic              | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 17              | 50            | 2.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                | Total               | 12          | 0           | 5           | 11         | 0          | 1                                                                                                                                                                                                                                   | 21             | 441             | 309             | 750           | 30.00          |                             |                                           |  |  |                                                                                     |  |
|                                                                                   | Four     |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     |             |             |             |            |            |                                                                                                                                                                                                                                     |                |                 |                 |               |                |                             |                                           |  |  |                                                                                     |  |
|                                                                                   |          | Semester                                                                                                                                                                                                                                                          | No.                               | Module Code                                | Module Name in English         | اسم المادة الدراسية | Language    | SSWL (hr/w) |             |            |            |                                                                                                                                                                                                                                     | Exam<br>hr/sem | SSWL<br>hr/sem  | USSWL<br>hr/sem | SWL<br>hr/sem | ECTS           | Module<br>Type              | Prerequisite Module(s) Code               |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     |             | CL (hr/w)   | Lect (hr/w) | Lab (hr/w) | Pr (hr/w)  | Tut (hr/w)                                                                                                                                                                                                                          | Semn (hr/w)    |                 |                 |               |                |                             |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 1                                                                                                                                                                                                                                                                 | ARC 221                           | Architecture Design (2)                    | التصميم المعماري (٢)           | English             | 2           |             |             |            | 8          |                                                                                                                                                                                                                                     | 1              | 3               | 153             | 147           | 300            | 12.00                       | C                                         |  |  |                                                                                     |  |
|                                                                                   |          | 2                                                                                                                                                                                                                                                                 | ARC 222                           | Free Hand Drawing (2)                      | الرسم اليدوي الحر (٢)          | English             |             |             |             |            | 4          |                                                                                                                                                                                                                                     |                | 3               | 63              | 12            | 75             | 3.00                        | S                                         |  |  |                                                                                     |  |
|                                                                                   |          | 3                                                                                                                                                                                                                                                                 | ARC 223                           | Physics                                    | الفيزياء                       | English             | 2           |             | 2           |            |            |                                                                                                                                                                                                                                     |                | 3               | 63              | 37            | 100            | 4.00                        | C                                         |  |  |                                                                                     |  |
| 4                                                                                 |          | ARC 224                                                                                                                                                                                                                                                           | Computer Architectural Drawing 3D | الرسم المعماري بالحاسوب ٣D                 | English                        | 1                   |             | 3           |             |            |            |                                                                                                                                                                                                                                     | 3              | 63              | 12              | 75            | 3.00           | B                           | ARC 215 Computer Architectural Drawing 2D |  |  |                                                                                     |  |
| 5                                                                                 | ARC 225  | Science of Mechanics                                                                                                                                                                                                                                              | علم الميكانيك                     | English                                    | 2                              |                     |             |             |             |            |            | 3                                                                                                                                                                                                                                   | 33             | 42              | 75              | 3.00          | C              |                             |                                           |  |  |                                                                                     |  |
| 6                                                                                 | UOM 2032 | computer literacy (2)                                                                                                                                                                                                                                             | حاسوب (٢)                         | English                                    | 2                              |                     |             | 2           |             |            |            | 3                                                                                                                                                                                                                                   | 63             | 12              | 75              | 3.00          | B              |                             |                                           |  |  |                                                                                     |  |
| 7                                                                                 | UOM 2012 | Arabic Language (2)                                                                                                                                                                                                                                               | اللغة العربية (٢)                 | Arabic                                     | 2                              |                     |             |             |             |            |            | 3                                                                                                                                                                                                                                   | 33             | 17              | 50              | 2.00          | B              |                             |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            | Total                          | 11                  | 0           | 7           | 12          | 0          | 1          | 21                                                                                                                                                                                                                                  | 471            | 279             | 750             | 30.00         |                |                             |                                           |  |  |                                                                                     |  |
| UGIII                                                                             | Five     | 1                                                                                                                                                                                                                                                                 | ARC 311                           | Architecture Design (3)                    | التصميم المعماري (٣)           | English             | 2           |             |             | 8          |            | 1                                                                                                                                                                                                                                   | 3              | 153             | 147             | 300           | 12.00          | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 2                                                                                                                                                                                                                                                                 | ARC 312                           | Working Drawings (1)                       | الرسوم التنفيذية (١)           | English             | 1           |             |             | 3          |            |                                                                                                                                                                                                                                     | 3              | 63              | 12              | 75            | 3.00           | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 3                                                                                                                                                                                                                                                                 | ARC 313                           | Computer Rendering Techniques              | تقنيات الاظهار بالحاسوب        | English             | 1           |             |             | 2          |            |                                                                                                                                                                                                                                     | 3              | 48              | 27              | 75            | 3.00           | C                           | ARC 225 Computer Architectural Drawing 3D |  |  |                                                                                     |  |
|                                                                                   |          | 4                                                                                                                                                                                                                                                                 | ARC 314                           | Principles of Housing                      | مبادئ الاسكان                  | English             | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 42              | 75            | 3.00           | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 5                                                                                                                                                                                                                                                                 | ARC 315                           | Reinforced Concrete Design                 | تصاميم الخرسانة المسلحة        | English             | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 42              | 75            | 3.00           | S                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 6                                                                                                                                                                                                                                                                 | ARC 316                           | Architectural Physics                      | الفيزياء المعمارية             | English             | 2           |             | 2           |            |            |                                                                                                                                                                                                                                     | 3              | 63              | 12              | 75            | 3.00           | B                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          | 7                                                                                                                                                                                                                                                                 | ARC 317                           | History of European Architecture           | تاريخ العمارة الاوربية         | English             | 2           |             |             |            |            |                                                                                                                                                                                                                                     | 3              | 33              | 42              | 75            | 3.00           | C                           |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                | Total               | 12          | 0           | 2           | 13         | 0          | 1                                                                                                                                                                                                                                   | 21             | 426             | 324             | 750           | 30.00          |                             |                                           |  |  |                                                                                     |  |
|                                                                                   | Semester | No.                                                                                                                                                                                                                                                               | Module Code                       | Module Name in English                     | اسم المادة الدراسية            | Language            | SSWL (hr/w) |             |             |            |            | Exam<br>hr/sem                                                                                                                                                                                                                      | SSWL           | USSWL           | SWL             | ECTS          | Module<br>Type | Prerequisite Module(s) Code |                                           |  |  |                                                                                     |  |
|                                                                                   |          |                                                                                                                                                                                                                                                                   |                                   |                                            |                                |                     | CL (hr/w)   | Lect (hr/w) | Lab (hr/w)  | Pr (hr/w)  | Tut (hr/w) |                                                                                                                                                                                                                                     | Semn (hr/w)    | hr/sem          | hr/sem          |               |                |                             | hr/sem                                    |  |  |                                                                                     |  |
|                                                                                   |          | 1                                                                                                                                                                                                                                                                 | ARC 321                           | Architecture Design (4)                    | التصميم المعماري (٤)           | English             | 2           |             |             | 8          |            | 1                                                                                                                                                                                                                                   | 3              | 153             | 147             | 300           | 12.00          | C                           |                                           |  |  |                                                                                     |  |

