Department of Architectural Engineering

ROAD MAP TO YOUR GRADUATION
Architectural engineering program

Total Credit Hours = 172
Total No. of Courses = 61

Year 5
Spring (13 hrs) | Fall (16 hrs)

Year 4
Spring (17 hrs) | Fall (17 hrs)

Year 3
Spring (18 hrs) | Fall (18 hrs)

Year 2
Spring (18 hrs) | Fall (18 hrs)

Year 1
Spring (16 hrs) | Fall (18 hrs)

Courses

- Architecture and Cultural Identity ARCH 562 (3)
- Resto. and Rehab. of Historic Buildings ARCH 561 (3)
- Conservation of Architectural Heritage ARCH 465 (2)
- GIS CIVL 566 (3)
- Interior Design ARCH 424 (3)
- Surveying and Building Documentation CIVL 369 (3)
- Computer Applications In Architectural Design (2) ARCH 201 (2)
- Computer Applications In Architectural Design (1) ARCH 102 (1)
- Architectural Drawing ARCH 101 (3)

- Graduation Project (2) ARCH 521 (5)
- Graduation Project (1) ARCH 542 (2)
- Architectural Design (6) ARCH 422 (5)
- Architectural Design (5) ARCH 421 (5)
- Architectural Design (4) ARCH 322 (4)
- Architectural Design (3) ARCH 321 (4)
- Architectural Design (2) ARCH 222 (4)
- Architectural Design (1) ARCH 221 (4)
- Basic Design (2) ARCH 122 (3)
- Basic Design (1) ARCH 121 (3)

- Human Behavior in Architecture ARCH 541 (3)
- Special Topics in Architecture ARCH 523 (3)
- Urban Design and Planning ARCH 463 (3)
- Lighting and Acoustics ARCH 471 (3)
- Landscape Design ARCH 563 (2)
- Theory and Methods of architectural Design ARCH 345 (1)
- Ancient Building Technologies ARCH 432 (3)
- Architectural Communication and Presentation (2) ARCH 213 (1)
- Architectural Communication and Presentation (1) ARCH 112 (2)
- Free Hand Drawing ARCH 111 (2)

- Green Architecture ARCH 571 (3)
- Desert Habitation ARCH 472 (3)
- Housing ARCH 464 (2)
- Local Contemporary Architecture ARCH 444 (3)
- Theory of Modern Architecture ARCH 343 (3)
- Islamic Architecture ARCH 342 (3)
- History & Theory of Architecture (2) ARCH 341 (3)
- History & Theory of Architecture (1) ARCH 241 (3)
- English Language ENGL 101 (3)

- Methodologies of Architectural Design ARCH 542
- University Elective
- Building and Energy ARCH 473 (3)
- University Elective
- Citizenship Education 118 (3)
- Engineering Workshop ENGL 101 (1)
- C++ Programming Language PROG 112 (3)
- Ethics and Communication Skills 203 (3)
- Arabic Language ARAB 101 (3)

- Professional Practice ARCH 551 (2)
- Quantity Surveying ARCH 452 (2)
- Specifications and Contracts ARCH 451 (2)
- Electro-Mechanical Systems for Architectural students MECH 450 (3)
- Working Drawings ARCH 432 (3)
- Building Finishings ARCH 336 (3)
- Building Construction Systems ARCH 335 (3)
- Building Materials ARCH 232 (3)
- Calculus (1) MATH 101 (3)
- Basic General Chemistry CHEM 107 (3)

- University Elective
- University Elective
- Concrete and Steel Structures for Architectural Students CIVL 324 (3)
- Structural Analysis for Architectural Students CIVL 313 (3)
- Engineering Mechanics CIVL 214 (3)
- General Physics (1) PHYS 101 (3)
- Basic General Chemistry Lab CHEM 108 (1)

- Military Science (3)
- University Elective
- General Physics Lab (1) PHYS 103 (1)

Legend

- **University Requirments** — Credit hrs (12) — Courses (4)
- **University Electives** — Credit hrs (15) — Courses (5)
- **College Requirments** — Credit hrs (27) — Courses (12)
- **Major Core Requirments** — Credit hrs (103) — Courses (35)
- **Major Core Electives** — Credit hrs (15) — Courses (5)

Pre-requisite: A prerequisite is a course which must usually completed in a term earlier that the course for which registration is attempted and prerequisites are being checked.

Concurrent Pre-requisite: The Concurrency Indicator is used to modify a prerequisite requirments and indicate that the prerequisite course can be taken either in an earlier term or in the same term as the course in which registration is attempted.

Practical Training ARCH 470 (3) ((Summer Course) between year 4 & year 5): student should successfully finish 112 credit hours at least including 110400203 (Ethics and communication Skills) without an extra courses. Training for 8 weeks inside Jordan or 6 weeks outside Jordan in related offices or companies that are subject to approval of the training committee of the department.