

New Architectural Design Engineering Program

A. University Requirements: (21) credit hours of courses include the following:

Course ID	Course Title	Credit hours
ARAB135	Arabic 1	3
ARAB136	Arabic 2	3
ENGC141	English Communication 1	4
ENGC231	English Communication	3
CULS331	Cultural Studies 1	3
CULS332	Cultural Studies 2	3
PHED120	Physical Training	2

B. Faculty of Engineering Requirements:

Course ID	Course Title	Credit hours	Pre-requisite
MATH 141	Mathematics 1	4	-
MATH132	Mathematics 2	3	MATH141
PHYS 111	Physics Lab 1	1	-
PHYS 112	Physics Lab 2	1	PHYS111 + PHYS132
PHYS 141	Physics 1	4	MATH141
PHYS 132	Physics 2	1	MATH132 + PHYS141
CHEM143	Chemistry 1	4	-
ENCE232	Statics	3	PHYS141

ENME120	Engineering Workshop	2	-
ENME121	Engineering Drawing	2	-
ENAR211	Visual Communication 1	1	-
ENAR220	Computer Aided Design	2	Department Approval

C. Compulsory Courses: (96) credit hours of courses include the following:

Pre-requisite	Course Title	Course ID
ENAR 1311	Construction Material Laboratory	ENCE 216
ENCE 232	Mechanics 1	ENCE 223
ENCE 223	Structural Systems	ENCE 2351
ENAR 327 or synchronous	Surveying Lab for Architecture and Planning Engineering	ENCE 317
ENAR 1211 or ENME 121	Surveying for Architecture and Planning Engineering	ENCE 327
ENCE 3251	Concrete Technology and Principles of Reinforced Concrete	ENCE 3361
ENAR 3251, ENAR 2111	Project Management and Professional Practice	ENCE 4341
ENAR 3251	Sanitary and Mechanical Engineering	ENME 4301
ENAR 3251 or synchronous	lighting and acoustics	ENEE 3307
ENAR 2381	Principles of Planning 1	ENPL 3331
ENPL 3331	Principles of Planning 2	ENPL 3341
ENAR 3421, ENPL 3341	Landscape Architecture	ENPL 436
Program Acceptance	History of Architecture 1	ENAR 1241

Program Acceptance	Principles of Architecture	ENAR 1311
Program Acceptance	Professional Ethics	ENAR 2111
ENAR 1111	Visual Communication 2	ENAR 2131
ENAR 1211	Shade, Shadow and Perspective	ENAR 2211
ENAR 1311	Architectural Design 1	ENAR 2311
ENAR 2311	Architectural Design 2	ENAR 2321
ENAR 1241	History of Architecture 2	ENAR 2351
ENAR 1211	Building Construction 1	ENAR 2361
ENAR 2361	Building Construction 2	ENAR 2371
ENAR 2351	History of Architecture 3	ENAR 2381
ENAR 3331	Theories of Architecture 2	ENAR 3241
ENAR 2371	Building construction 3	ENAR 3251
ENAR 2381/ for Architecture students ENAR 329/ for planning students	Architecture in Palestine	ENAR 3301
ENAR 2381	Theories of Architecture 1	ENAR 3331
ENAR 2321, ENAR 2111	Architectural Design 3	ENAR 3411
ENAR 3411, ENCE 2351	Architectural Design 4	ENAR 3421
ENAR 4421, ENCE 3361	Practical Training	ENAR 401
ENAR 3201	Computer Presentation and Modeling	ENAR 4211
ENAR 3421	Environmental Architecture	ENAR 4251
ENAR 3421	Interior Design	ENAR 4391

ENAR 3421, ENPL 3341	Architectural Design 5	ENAR 4411
ENAR 4411, ENCE 3361	Architectural Design 6	ENAR 4421
Final Semester of Study	Advanced Skills	ENAR 5111
ENAR 401, ENAR 442 and ENAR 4101 or ENAR 4121 or ENAR 4141	Introduction to Graduation Project	ENAR 520
ENAR 520, ENAR 5411 or ENAR 5421 or ENAR 5411	Graduation Project	ENAR 530

D. Elective Courses: (11) credit hours of courses include the following:

a. Finish 8 credit hours in one of the following specializations:

1: Architectural Design

Pre-requisite	Course Title	Course ID
ENAR 4411	Seminar in Architecture Design	ENAR 4121
ENAR 3241, ENAR 4121	Contemporary Architecture	ENAR 5311
ENAR 4421	Advanced Architectural Design	ENAR 5411

2: Interior Design

Pre-requisite	Course Title	Course ID
ENAR 4411	Seminar in Interior Design	ENAR 4101
ENAR 4101, ENAR 4391	Theories of Interior Design	ENAR 5321
ENAR 4391, ENAR 4421	Advanced Interior Design	ENAR 5421

3. Building Restoration and Conservation

Pre-requisite	Course Title	Course ID
ENAR 4411	Seminar in Building Restoration and Conservation	ENAR 4141
ENAR 3301, ENAR 4141	Theories of conservation and Restoration	ENAR 5331
ENAR 3301, ENAR 4421	Advanced Building Restoration and Conservation	ENAR 5441

b. Finish 3 credit hours from the following courses

Pre-requisite	Course Title	Course ID
Department Approval	Film and Architecture	ENAR 5341
Department Approval	Architecture Critiques and Analysis	ENAR 5351
ENAR 5331	Management and Conservation of Cultural Heritage	ENAR 5361
Department Approval	Selected topics in Architecture	ENAR 5371
Department Approval	Behavior and Built Environment	ENAR 5381
Department Approval	History of Art	ENAR 5392