



EMBASSY OF THE STATE OF KUWAIT
CULTURAL DIVISION

3500 International Drive, N.W., Washington, D.C. 20008 Telephone: (202) 364-2100 Fax: (202) 363-8394/ (202) 362-4379

Ministry of Higher Education Scholarship Majors for the Academic Years of 2011/2012

Majors for Academic Years of 2011-2012

Architecture	<i>Engineering:</i>
Athletic Training	Industrial Engineering
Bioinformatics	Mechanical Engineering
Biology	Metallurgical Engineering
<i>Business Administration:</i>	Nuclear Engineering
Accounting	Software Engineering
Economics	Transportation Engineering
Entrepreneurship	Geographic Information Systems
Finance	Geology
Management Information System	Horticulture
Marketing	Journalism / Mass Communications
Supply Chain Management	Mathematics
Communications Disorders	Medicine
Dentistry	Meteorology / Atmospheric Science
Dietetics / Nutrition	Nuclear Medicine Technology
<i>Engineering:</i>	Peace and Conflict Resolution Studies
Architectural Engineering	Pharmacy
Chemical Engineering	Physics
Civil Engineering	Radiology / Radiological Technology
Computer Engineering	Teaching English to Speakers of Other Languages (TESOL)
Electrical Engineering	Telecommunications Technology / Engineering
Environmental Engineering	Technology
	Veterinary Medicine

Please find the pre-requisite coursework below according to major:

Architecture

Calculus I or a required Math Course	4
Physics I & Physics II* (if required)	8

Choose any one of the following:

History of Architecture	3
Architectural Drawing/Drafting	2-4

Total	14-16
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**Or other subject in major*



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Athletic Training

Basic Biology with Lab	3
Human Anatomy / Physiology	3-4
Chemistry	3-4

Two courses from:

Additional Biology	3
Psychology	3
Human Nutrition	3
Athletic Training Course	3

Total 15 – 17

Bioinformatics

*Biology	6-8
*Chemistry	3-4
Calculus	3-4
Computer Science OR Introduction to Bioinformatics	3

Total 16-19

*with lab if required

Biology

Two (2) Biology Foundation Courses <i>with Lab</i>	8
Chemistry I	4
Required Math Course	3
Additional Required Science Course	3

Total 18

Accounting

The courses listed below must be completed at a **university accredited by the AACSB**

(see approved list)

- Business Math (within the Business Curriculum) 3
- Statistics 3
- Macroeconomics 3
- Managerial Accounting or other required basic accounting course within the Business curriculum 3
- Computer course (within the Business curriculum) 3

Total 15

Economics (Courses must be taken at a university approved for Economics)

Required Math Course	3-4
Micro-Economics	3
Macro-Economics	3
Computer Science	3
Political Science	3

Total 15-16



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Entrepreneurship

(Courses must be taken at a university approved for
Business Administration)

Micro-Economics	3
Macro-Economics	3
Calculus	4
Computer Science	3
Introductory Business Course	3
Total	16

Finance

(Courses must be completed at a university accredited by
AACSB)

Calculus for Business	3-4
Micro-Economics	3
Macro-Economics	3
Introductory Business Course	3
<u>One course from the following:</u>	
Computer Applications for Business	3
Accounting	3
Total	15-16

Management Information Systems (MIS)

The following courses **must be completed at that
university level:**

Math I (Calculus for Business)	3-4
Statistics	3
Computer Science/MIS course	3
<i>Choose any one of the following:</i>	
Accounting	3
Business Law I	3
Finance I	3
Total	12-13

Marketing

(Courses must be completed at a university accredited by
AACSB)

Calculus for Business	4
Micro-Economics	3
Macro-Economics	3
<i>Choose any two of the following:</i>	
Statistics/ Statistical Analysis	3
Computer Applications for Business	3
Fundamentals of Marketing	
Or other Business Introductory Courses	3
Total	15-16



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Supply Chain Management

Math (<i>Required Business</i>)	3-4
Macro Economics	3
Micro Economics	3

Choose any two of the following:

Statistics	3
Accounting	3
Computer Science Business Law / Information Systems	3

Total 15-16

Speech Language Pathology

Completion of pre-requisites (degree in Communication Disorders of equivalent)
Admission to the professional Speech Pathology program

Dentistry

A. 6-Year Honor Program
Admission to the Professional Dental Program
Completion of 30 semester credits or 45 quarter credits in the program
B. 7/8-Year Dental Program
(Pre-dentistry followed by admission to Dental School)
... completion of Pre-dentistry program with average at least 2.5

Dietetics / Nutrition Science

Enrollment in Pre-Dietetics Curriculum

Required Courses:

Chemistry (101 & 102) (<i>or the 2 basic chemistry courses required</i>)	8
Biology with lab	4
Intro to Dietetics/Nutrition	3
Required Math course	3

Total 18

Engineering (ALL MAJORS)

Calculus I & II	8
Chemistry I (<i>with Lab</i>)	4
Physics I	4

Choose any one of the following:

Chemistry II	4
Physics II	4
Introduction to Engineering	3
Engineering Drawing / Graphics	3

Total 19-20



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<u>Geographic Information Systems (GIS)</u>	
Physical Geography	3
Cultural Geography	3
Computer Science	3
Intro to GIS	3
Any required Math	3
Total	15

<u>Geology</u>	
Calculus I	4
Chemistry I (<i>with Lab</i>)	4
Geology	3
<i>Choose from <u>one</u> of the following:</i>	
Geology (1 <i>additional</i> course)	3
Physics	3
Chemistry II	3
Total	14

<u>Horticulture</u>	
* Biology	6-8
Chemistry	4
Math	3
Introduction to Horticulture	3
Total	16-18

* with lab if required

<u>Journalism / Mass Communications</u>	
English I & II	6
Introduction to Mass Media	3
News Writing and/or Reporting	3
<i>Choose any <u>three</u> of the following:</i>	
Editing and Make-up	3
Feature Writing	3
Economics (Macro or Micro)	3
American History I or II	3
American Government	3
Science course with Lab	4
Total	21-22

<u>Mathematics</u>	
Calculus I	3-4
Calculus II	3-4
Science course <i>with Lab</i>	4
<i>Required</i> Computer course	3
Total	13-15

Medicine
...completion of a Pre-Med degree
...admission into the School of Medicine



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Meteorology / Atmospheric Science

Calculus I	3-4
Calculus II	3-4
Physics I	3
Chemistry with Lab	4
Intro to Meteorology	3
Total	17-18

Nuclear Medicine Technology

A. Admission to the Program	
B. Courses to be completed at university level:	
Math (100 level and above)	3
Chemistry I & II	8
Physics	3
Biology	3
Total	17

Peace & Conflict Resolution Studies

World History (1 course)	3
Political Science	3
Sociology	3
Economics	3
Psychology	3
Total	15

Pharmacy

...completion of a Pre-Pharmacy degree/curriculum
...admission into the School of Pharmacy

Physics

(Basic) Physics 101 & 102 with Lab	8
Calculus I	3-4
Calculus II	3-4
Additional Required Science course	3-4
Total	19-20

Radiology / Radiological Technology

A. Admission to the Program	
B. Courses to be completed at the university level:	
Math (Required Course)	3-4
Physics	3
Biology I & II	6
Chemistry	4
Total	17-18



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TESOL

TOEFL score: minimum of 600

English 101 (completed in a 4-year approved TESOL program)	3
English 102 (completed in a 4-year approved TESOL program)	3
1 TESOL course according to curriculum	3
Basic Linguistics Course	3
Basic Math Course if required OR Education/Linguistics/English course	3
Total	15

Veterinary Medicine

...completion of prescribed pre-veterinary medicine program with average of 2.5

...admission into the professional program