



**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 PLAN FOR THE ACADEMIC YEAR OF 2012/2013

Actuarial Science	<i>ENGINEERING:</i>
Biochemistry	Environmental Engineering
Bioinformatics	Industrial Engineering
Biology	Mechanical Engineering
<i>BUSINESS ADMINISTRATION:</i>	Petroleum Engineering
Accounting	Software Engineering
Economics	Geographic Information Systems
Entrepreneurship	Geology
Finance	Horticulture
Management Information System	Journalism / Mass Communications
Marketing	Mathematics
Supply Chain Management	Medicine
Chemistry	Meteorology / Atmospheric Science
Dentistry	Nuclear Medicine Technology
Dietetics / Nutrition Science	Peace and Conflict Resolution Studies
<i>ENGINEERING:</i>	Pharmacy
Architectural Engineering	Physics
Chemical Engineering	Radiology / Radiological Technology
Civil Engineering	Special Education
Computer Engineering	Teaching English to Speakers of Other Languages (TESOL)
Electrical Engineering	Veterinary Medicine

THE FOLLOWING ARE THE PRE-REQUISITE COURSEWORK FOR EACH MAJOR:

ACTUARIAL SCIENCE

Calculus I	3
Calculus II	3
Macroeconomics	3
<i>...In addition, choose one (1) from the following...</i>	
Accounting	3
Statistics	3
Additional Math course	3
Total credits:	12

BIOCHEMISTRY

General Chemistry I	3
General Chemistry II	3
General Biology I with Lab	4
Calculus	3
Total credits:	13



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BIOINFORMATICS

*Biology	6-8
*Chemistry	3-4
Calculus	3-4
Computer Science <i>OR</i>	3
Introduction to Bioinformatics	3
Total credits:	15-19

*with Lab if required

BIOLOGY

Two (2) Biology foundation courses with Lab	8
Chemistry I	4
Required Math course	3
Additional <i>required</i> Science course	3
Total credits:	18

BUSINESS ADMINISTRATION

ACCOUNTING (courses must be completed at a university accredited by the AACSB)

Business Math (within the Business curriculum)	3
Statistics	3
Macroeconomics	3
Managerial Accounting <i>OR</i>	3
Other <i>required</i> basic accounting course within the Business curriculum	3
Computer course within the Business curriculum	3
Total credits:	15

ECONOMICS (courses must be completed at a university approved for Economics)

<i>Required</i> Math course	3-4
Microeconomics	3
Macroeconomics	3
Computer Science	3
Political Science	3
Total credits:	15-16

ENTREPRENEURSHIP (courses must be completed at a university approved for Business Administration)

Microeconomics	3
Macroeconomics	3
Calculus	4
Computer Science	3
Introductory Business course	3
Total credits:	16



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FINANCE (courses must be completed at a university accredited by the AACSB)

Calculus for Business	3-4
Microeconomics	3
Macroeconomics	3
Introductory Business course	3
<i>...In addition, choose one (1) from the following...</i>	
Computer Application for Business	3
Accounting	3
Total credits:	15-16

MANAGEMENT INFORMATION SYSTEMS (MIS) (courses must be completed at the university level)

Math I (Calculus for Business)	3-4
Statistics	3
Computer Science/MIS course	3
<i>...In addition, choose one (1) from the following...</i>	
Accounting	3
Business Law I	3
Finance I	3
Total credits:	12-13

MARKETING (courses must be completed at a university accredited by the AACSB)

Calculus for Business	4
Microeconomics	3
Macroeconomics	3
<i>...In addition, choose two (2) from the following...</i>	
Statistics/Statistical Analysis	3
Computer Applications for Business	3
Fundamentals of Marketing <i>OR</i> Other Business Introductory course	3
Total credits:	16

SUPPLY CHAIN MANAGEMENT

Math (<i>required</i> Business)	3-4
Microeconomics	3
Macroeconomics	3
<i>...In addition, choose two (2) from the following...</i>	
Statistics	3
Accounting	3
Computer Science Business Law/Information Systems	3
Total credits:	15-16



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CHEMISTRY

General (Basic) Chemistry I & II	8
Biology <i>OR</i> other <i>required</i> Science course	4
Required Math course	3
Additional <i>required</i> Science course	3
Total Credits:	18

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 <i>Pre-Dentistry</i> program with GPA average of at least 2.5...	

DIETETICS/NUTRITION SCIENCE (*enrollment in Pre-Dietetics curriculum*)

Chemistry (101 & 102) <i>OR</i>	8
Two (2) <i>required</i> basic Chemistry courses	8
Biology with Lab	4
Introduction to Dietetics/Nutrition	3
<i>Required</i> Math course	3
Total credits:	18

ENGINEERING

— ALL FIELDS/SPECIALTIES

Calculus I & II	8
Chemistry I with Lab	4
Physics I	4
... <i>In addition, choose one (1) from the following...</i>	
Chemistry II	4
Physics II	4
Introduction to Engineering	3
Engineering Drawings/Graphics	3
Total credits:	19-20



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GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Physical Geography	3
Cultural Geography	3
Computer Science	3
Introduction to GIS	3
Any <i>required</i> Math course	3
Total credits:	15

GEOLOGY

Calculus I	4
Chemistry I with Lab	4
Geology	3
<i>...In addition, choose one (1) from the following...</i>	
Geology (<i>one (1) additional course</i>)	3
Physics	3
Chemistry II	3
Total credits:	14

HORTICULTURE

*Biology	6-8
Chemistry	4
Math	3
Introduction to Horticulture	3
Total credits:	16-18

*with Lab if required

JOURNALISM/MASS COMMUNICATIONS

English I & II	6
Introduction to Mass Media	3
New Writing and/or Reporting	3
<i>...In addition, choose three (3) from the following...</i>	
Editing and Make-up	3
Feature Writing	3
Economics (Macro <i>OR</i> Micro)	3
American History I <i>OR</i> II	3
American Government	3
Science course with Lab	4
Total credits:	21-22



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MATHEMATICS

Calculus I	3-4
Calculus II	3-4
Science course with Lab	4
Required Computer course	3
Total credits:	13-15

MEDICINE

...Completion of a Pre-Medicine degree
...Admission into the School of Medicine

METEOROLOGY/ATMOSPHERIC SCIENCE

Calculus I	3-4
Calculus II	3-4
Physics I	3
Chemistry with Lab	4
Introduction to Meteorology	3
Total credits:	16-18

NUCLEAR MEDICINE TECHNOLOGY (courses must be completed at the university level)

...Admission to the program	
Math (100 level and above)	3
Chemistry I & II	8
Physics	3
Biology	3
Total credits:	17

PEACE & CONFLICT RESOLUTION STUDIES

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

PHARMACY

...Completion of a Pre-Pharmacy degree/curriculum
...Admission into the School of Pharmacy



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PHYSICS

(Basic) Physics 101 & 102 with Lab	8
Calculus I	3-4
Calculus II	3-4
Additional <i>required</i> Science course	3-4
Total credits:	17-20

RADIOLOGICAL TECHNOLOGY/RADIOLOGY (courses must be completed at the university level)

...Admission to the program	
Math (<i>required</i> course)	3-4
Physics	3
Biology I & II	6
Chemistry	4
Total credits:	16-17

SPECIAL EDUCATION (courses must be completed at the university level)

{Hearing Impaired, ADD, Visually Impaired, Speech Communication Disorder, Learning Disability}

...Admission to the program	
College Algebra	3
General Psychology	3
American History	3
Science course with Lab	4
Introduction to Education <i>OR</i>	3
Basic required Education course	3
Total credits:	16

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

{TOEFL score required: minimum of 600/100 iBT}

English 101 (<i>completed in a 4-year approved TESOL program</i>)	3
English 102 (<i>completed in a 4-year approved TESOL program</i>)	3
One (1) TESOL course according to the curriculum	3
Basic Linguistics course	3
Basic Math course if <i>required OR</i>	3
Education/Linguistics/English course	3
Total credits:	15

VETERINARY MEDICINE

...Completion of prescribed Pre-Veterinary Medicine program with an average GPA of 2.5	
...Admission into the professional program	