



**PROGRAM OF STUDY FOR A BACHELOR OF SCIENCE IN MATHEMATICS**

<b>NAME:</b>			<b>ID #:</b>	
<b>P.O.Box:</b>	<b>Tel #:</b>		<b>E-mail: @aub.edu.lb</b>	
<b>FRESHMAN CLASS OR EQUIVALENT<sup>a</sup>:</b>			<b>CR. 30</b>	<b>DIPLOMA TYPE : ENTRY LEVEL: FR SO JR SR</b>
<b>MAJOR REQUIRMENTS</b>				
<b>COURSE</b>	<b>OR</b>	<b>OR</b>	<b>CR.</b>	<b>COMMENTS</b>
MATH 201 <sup>c</sup>			3	Minimum cum. Average of 70 in all courses taken in all courses taken in the major department
MATH 210 <sup>c</sup>			3	
MATH 214 <sup>c</sup>			3	
MATH 219 <sup>c</sup>			3	
MATH 220 or 242			3	
MATH 223 <sup>c</sup>			3	
MATH 227 <sup>c</sup>			3	
MATH 233 <sup>c</sup>			3	
MATH 241 <sup>c</sup>			3	
<b>REQUIRED MATH ELECTIVES (12 CR.) FROM MATH 202 AND/OR MATHEMATICS COURSES NUMBERED 213 AND ABOVE<sup>c</sup></b>				
MATH ELECT .1			3	
MATH ELECT .2			3	
MATH ELECT .3			3	
MATH ELECT .4			3	
<b>Total Credits in Major:</b>			<b>39</b>	
CMPS 200			3	CMPS 200 satisfies the Quantitative Thought requirement
<b>REQUIRED NATURAL SCIENCE ELECTIVE COURSES<sup>c</sup></b>				
ELECT. 1			3	
ELECT. 2			3	
ELECT. 3			3	
<b>Total Crs.:</b>			<b>9</b>	
<b>REQUIRED ECONOMICS AND SOCIAL SCIENCES ELECTIVE COURSES<sup>c</sup></b>				
ELECT. 4			3	
ELECT. 5			3	
<b>Total Crs.:</b>			<b>6</b>	
<b>ELECTIVES (200 OR ABOVE)</b>				
ELECT. 5			3	At least one course outside the major department
ELECT. 6			3	
ELECT. 7			3	
ELECT. 8			2	
<b>Total Crs.:</b>			<b>12</b>	
<b>FACULTY GENERAL REQUIREMENTS</b>				
ARABIC 201A <sup>b,c,g</sup>	GE ARABIC Communication Skills <sup>b,c</sup>		3	BASED ON ELPR. Students who take ENG 203 or ENG 204 at the freshman level must take an additional elective(s) to complete the 120 credits requirement for graduation
ENGL. 203 <sup>d</sup>	ENGL. 204		3	
ENGL. 204 <sup>d</sup>	ENGL. ELECTIVE		3	
SEQUENCE I: CVSP 201 or 202 or 205 or <u>any</u> 207 (A,B,C...)			3	Any one course from Sequence I is prerequisite for Sequence II
SEQUENCE II: CVSP 203 or 204 or 206 or <u>any</u> 208 (A,B,C...)			3	
HUMANITIES LIST I OR II <sup>e,f</sup>			3	
HUMANITIES LIST I OR II <sup>e,f</sup>			3	
<b>Total Crs.:</b>			<b>21</b>	
<b>TOTAL CREDITS NEEDED FOR GRADUATION</b>			<b>120</b>	

<sup>a</sup> STUDENTS WHO HOLD THE LEBANESE OR FRENCH BACCALAUREATE (LITERATURE AND HUMANITIES OR SOCIOLOGY AND ECONOMICS) OR A GOVERNMENT SECONDARY CERTIFICATE, OR A CERTIFICATE OR DIPLOMA CONSIDERED BY THE UNIVERSITY TO BE EQUIVALENT TO THE LEBANESE BACCALAUREATE, MAY BE REQUIRED TO TAKE ADDITIONAL FRESHMAN LEVEL COURSES IN MATHEMATICS AND SCIENCES PERTAINING TO THEIR MAJORS IN FAS (NAMELY SCIENCES AND ECONOMICS).

<sup>b</sup> IF EXEMPTED FROM ARABIC, 1 ADDITIONAL ELECTIVE COURSE IN HUMANITIES OR A LANGUAGE COURSE (INCLUDING ARAB 200, 203-208) IS REQUIRED.

<sup>c</sup> MUST BE CHOSEN FROM THE UPDATED LIST OF THE GENERAL EDUCATION REQUIREMENTS FOUND ON THE REGISTRAR WEBSITE.

<sup>d</sup> IF EXEMPTED FROM ENGL 203, STUDENTS MUST TAKE ENGL 204. SUCH STUDENTS DO NOT HAVE TO TAKE ANY OTHER ELECTIVE COURSE IN ENGLISH, BUT MUST COMPLETE THE 120 CREDITS FOR GRADUATION.

<sup>e</sup> FOR PREREQUISITES OR COREQUISITES, CHECK THE AUB UNDERGRADUATE CATALOGUE.

<sup>f</sup> STUDENTS WHO ELECT CVSP 205 MAY NOT ENROLL IN CVSP 201 OR 202. STUDENTS WHO ELECT CVSP 206 MAY NOT ENROLL IN CVSP 203 OR 204 OR VICE VERSA.

<sup>g</sup> STUDENTS WHO CANNOT FULFILL THE ARABIC COMMUNICATION SKILLS REQUIREMENT WILL BE ASKED TO SIT FOR AN APT. ACCORDING TO THE RESULT, THEY MAY TAKE ARAB 201A IN REPLACEMENT TO THE ARABIC COMMUNICATION SKILLS REQUIREMENT.