



**PROGRAM OF STUDY FOR A BACHELOR OF ARTS DEGREE IN APPLIED MATHEMATICS
(AUB UNDERGRADUATE CATALOGUE 2021-22)**

NAME:			ID #:	
P.O. Box:		Tel #:		Email: @aub.edu.lb
FRESHMAN CLASS or EQUIVALENT^a:			CR. 30	DIPLOMA TYPE : ENTRY LEVEL: FR SO JR SR
MAJOR REQUIREMENTS				
COURSE	or	or	CR.	COMMENTS
MATH 201 ^c			3	Counted also as a General Education course in quantitative thought A minimum cumulative average of 2.2 (or 70) is required in all courses taken in the major department.
MATH 202 ^c			3	
MATH 210 ^c			3	
MATH 212 ^c			3	
MATH 218 ^c	MATH 219 ^c		3	
MATH 223 ^c			3	
MATH 224 ^c	MATH 227 ^c		3	
MATH 251 ^c			3	
MATH 281 ^c			3	
STAT 233 ^c			3	
REQUIRED MATH ELECTIVES: NINE CREDITS from MATHEMATICS COURSES NUMBERED 211 and above^e				These NINE credits must include at least two of the following three areas: • Analysis and Geometry: MATH 213, 214, 215, 225, 224, 227 • Discrete Math and Algebra: MATH 211, 220, 241, 242, 261 • Probability and Statistics: STAT 231, 234 or higher
MATH ELECT. 1			3	
MATH ELECT. 2			3	
MATH ELECT. 3			3	
Total Credits in Major:			39	
REQUIRED ELECTIVES: NINE CREDITS in ONE APPLIED DISCIPLINE or TRACK from the following LIST: 1 - COMPUTER SCIENCE: CMPS 212, 255, 256, 257, 258, 287, 2 - ECONOMICS/ECONOMETRICS: ECON 212, 214, 215, 217, 218, 239, 243, 3 - NATURAL SCIENCES: PHYS 210, 211, 212, 217, 235, 236; CHEM 201, 217, 218, 4 - ENGINEERING and HEALTH SCIENCES: EPHD 203, 203A, 227, 213 or Stat 236, 5- STATISTICS 231, 234, 235, 236, 237, 238.				
ELECT. 1			3	
ELECT. 2			3	
ELECT. 3			3	
Total Credits:			9	
ELECTIVES (200 or above) (in arts or social sciences)				
ELECT. 4			3	
ELECT. 5			3	
Total Credits:			6	
FACULTY of ARTS and SCIENCES GENERAL REQUIREMENTS				
GE ARABIC Communication Skills ^{b,c}			3	Based on the RUSE, students who take ENGL 203 or ENGL 204 at the freshman level must take an additional elective(s) to complete the 120 credits required for graduation.
ENGL 203			3	
ENGL 204			3	
SEQUENCE I ^d : CVSP 201 or 202 or 205 or any 207 (A, B, C . . .)			3	Any one course from Sequence I is a prerequisite for Sequence II.
SEQUENCE II ^d : CVSP 203 or 204 or 206 or any 208 (A, B, C . . .)			3	
SOCIAL SCIENCE LIST I ^e : ECON 211			3	
SOCIAL SCIENCE LIST I or II ^c			3	
NATURAL SCIENCE ^c			3	
NATURAL SCIENCE ^c			3	
QUANTITATIVE THOUGHT: CMPS 200			3	
HUMANITIES LIST I OR II ^{c,d}			3	
HUMANITIES LIST I OR II ^{c,d}			3	
Total Credits:			36	
TOTAL CREDITS NEEDED for GRADUATION			120	

^aStudents 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 the Faculty of Arts and Sciences (namely sciences and economics).

^b If exempted from the Arabic Language requirement, students **MUST TAKE** any 3-credit course in Humanities or any language course including Arabic as a foreign language.

^cMust be chosen from the updated list of the General Education requirements found on the registrar's website

^dStudents 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.

^eFor prerequisites or corequisites, check the AUB Undergraduate Catalogue.