



American University of Beirut

		Program Sheet			Catalogue: 2023-2024	
Faculty of Arts and Sciences (FAS)						
		Program: Biology (BS)**			Minimum credits for graduation: 120	
ID#				Advisor:		
Name:	Last:	First:		Middle:		
Tel#	Nationality:			Email:		
Basis for Admission:						
Admission Conditions:						
Course	Title			Cr	Prerequisite/s	Term
I- FRESHMAN CLASS or EQUIVALENT [†] - 30 CREDITS				30		
II- MAJOR REQUIREMENTS [‡] - 37 CREDITS						
Ten required courses:						
BIOL	201	General Biology I		4	no prerequisite	
BIOL	202	General Biology II		4	BIOL 201	
BIOL	220	Introductory Biochemistry		3	BIOL 202 and CHEM 211	
BIOL	223	Genetics		4	BIOL 202	
BIOL				4	BIOL 224, BIOL 260, and BIOL need BIOL 202 as prerequisite	
BIOL				4	BIOL 252 needs 201 as prerequisite. BIOL 270 needs 220 as prerequisite.	
BIOL	293	Undergraduate Seminar		1	prerequisite: senior standing.	
FIVE elective biology required courses:						
BIOL	ELECT. 1			3	BIOL 241, BIOL 244, BIOL 246, BIOL 247, BIOL 255, BIOL 258, BIOL 263, BIOL 273, BIOL 281, BIOL 283, BIOL 286 need BIOL 202 as pre-requisite.	
BIOL	ELECT. 2			3		
BIOL	ELECT. 3			3		
BIOL	ELECT. 4			3		
BIOL	ELECT. 5			1		BIOL 261 needs BIOL 223 as prerequisite.
Total credits in Major				37		
III- REQUIRMENTS FROM OUTSIDE THE DEPARTMENT - 9 CREDITS						
CHEM	210	Organic Laboratory for Non-Majors		2	pre- or corequisite: CHEM 212	
CHEM	211	Organic Chemistry I		3	prerequisite: CHEM 201	
CHEM	212	Organic Chemistry II		3	prerequisite: CHEM 211	
PHYS	204L or 205L	Classical Physics for Life Sciences Laboratory or Modern Physics for Life Sciences Laboratory		1	PHYS 204 and PHYS 205, need PHYS 103 (or equivalent) as prerequisite. PHYS 204L: needs PHYS 204 as pre- or corequisite. PHYS 205L: needs PHYS 205 as pre- or corequisite.	
Total credits				9		
IV- ELECTIVES (200 or above) - 5 CREDITS						
TWO elective courses:						
ELECT. 1				3	BIOL students cannot be given credits for the following courses: MATH 203, MATH 204, NFSC 220, AVSC 279, and AVSC 280. [‡]	
ELECT. 2				2		
Total Credits				5		
V- GENERAL FACULTY OF ARTS AND SCIENCES REQUIREMENTS - 39 CREDITS						
UNDERSTANDING COMMUNICATION - ARAB ^{b,c}	***	GE ARABIC Communication Skills		3		
UNDERSTANDING COMMUNICATION - ENGL	203	Academic English		3	Based on RUSE, students who take ENGL 203 or ENGL 204 at the freshman level must take an additional elective(s) at level 200 or above to complete the 120 credits required for graduation.	
UNDERSTANDING COMMUNICATION - ENGL	204	Advanced Academic English		3		
COMMUNITY-ENGAGED LEARNING ^c				3		
HUMAN VALUES ^{c,d,e,f}				3		



CULTURES AND HISTORIES ^{c,d,e,f}			3		
CULTURES AND HISTORIES ^{c,d,e}			3		
CULTURES AND HISTORIES ^{c,d,e}			3		
UNDERSTANDING THE WORLD ^{c,e}	PHYS 204 or PHYS 205	Classical Physics for Life Sciences or Modern Physics for Life Sciences	3		
UNDERSTANDING THE WORLD ^{c,e}	CHEM 201	Chemical Principles	3		
QUANTITATIVE REASONING ^{c,e}	STAT 210 or STAT 231	STAT 210 Elem.Statist. for the Sciences or STAT 231 Intr.Statistical Computing	3		
SOCIETIES AND INDIVIDUALS ^{c,e}			3		
SOCIETIES AND INDIVIDUALS ^{c,e}			3		
Total GE Credits			39		
TOTAL CREDITS NEEDED FOR GRADUATION			120		
^a 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 the Faculty of Arts and Sciences (namely sciences and economics).					
^b All students MUST TAKE an Arabic course chosen from the list of Understanding Communication - Arabic courses. Students who are exempted from Arabic are eligible to undergo the CAMES Arabic placement exam and must take ONE of the following courses as per their determined level: ARAB 203, 204, 205, 206, 207, 209 or 201.					
^c Must be chosen from the updated list of the requirements found on the registrar's website.					
^d Students who elect CHLA 205 MAY NOT enroll in CHLA 201 or 202 or vice versa. Students who elect CHLA 206 MAY NOT enroll in CHLA 203 or 204 or vice versa.					
^e At least one of the GE courses (except Understanding Communication) should be defined as a Social Inequalities course.					
^f At least one of the courses from Cultures and Histories or Human Values should be a CHLA course.					
^g With regard to courses taken in other Faculties, all prerequisites must be satisfied. Some courses may require prior approval from the faculty concerned. (catalogue page 163)					
^h A cumulative average of 2.3 or above is required for graduation					
ⁱ A total of 50 cr with a grade of C+ and above is also required for graduation					
** To view the courses related to the above program, kindly follow this link: https://www.aub.edu.lb/registrar/Documents/catalogue/undergraduate23-24/biology.pdf					