



## BACHELOR SCIENCE IN MOLECULAR BIOLOGY & BIOTECHNOLOGY

### College of Science

Approval of Existing Curriculum:

148<sup>th</sup> UPD UC : 28 May 2018

Date of effectivity:

1<sup>st</sup> Semester of AY 2018-2019

FIRST YEAR			
1 <sup>st</sup> Semester	18	units	
GE 1 Eng 13/Speech 30	3		
GE 2 Kas 1	3		
Chem 16	3		
Chem 16.1	2		
Geol 11	3		
Math 21 <sup>1</sup>	4		
PE	(2)		

2 <sup>nd</sup> Semester	20	units	
GE 3 Fil 40	3		
MBB 10	3		
BIO 11	3		
BIO 11.1	2		
Chem 26	3		
Chem 26.1	2		
Math 22	4		
PE	(2)		

Midyear	3	units	
GE 4 Soc Sci 1	3		

### SECOND YEAR

1 <sup>st</sup> Semester	19	units	
BIO 12	3		
BIO 12.1	2		
Math 23	4		
Chem 31	3		
Chem 31.1	2		
Physics 71	4		
Physics 71.1	1		
PE	(2)		
NSTP	(3)		

2 <sup>nd</sup> Semester	18	units	
MBB 100	3		
MBB 110	5		
Chem 40	3		
Chem 40.1	2		
Physics 72	4		
Physics 72.1	1		
PE	(2)		
NSTP	(3)		

3	units	
Stat 101 <sup>2</sup>	3	

### THIRD YEAR

1 <sup>st</sup> Semester	16	units	
MBB 140	3		
MBB 126	3		
MBB 126.1	2		
MBB 130	5		
Stat 102	3		

2 <sup>nd</sup> Semester	20	units	
MBB 141	5		
MBB 127	3		
MBB 127.1	2		
MBB 194	3		
MBB 150	3		
MBB 190	4		

Midyear	3	units	
GE 5 Philo 1	3		





FOURTH YEAR						
1 <sup>st</sup> Semester	18	units	2 <sup>nd</sup> Semester	15	units	
MBB 142		5	GE 6 ARTS 1		3	
MBB 180		5	GE 7 Soc Sci 2		3	
MBB 195		3	GE 8 STS 1		3	
MBB 200		2	MBB 196		1	
PI 100		3	MBB 197		3	
			MBB 200		2	
				<b>TOTAL</b>	<b>153</b>	<b>units</b>

NOTES:

<sup>1</sup>All students required to take Math 21 must have passed any of the following: (1) Pre-Calculus from the STEM or equivalent strand of K-12; (2) the Validation Examination for Math 20 (Pre-Calculus: Functions and their Graphs) administered by the UPD Institute of Mathematics; or (3) Math 20 as a non-credit course.

<sup>2</sup>Students who pass the Validation Examination for Stat 101 are considered to have satisfied this course requirement.

As a requirement for graduation, all students must take six (6) units in one of the National Service Training Program (NSTP) components: Civic Welfare Training Service (CWTS), Literacy Training Service (LTS), and Reserved Officers' Training Corps Military Science (ROTC Mil Sci). These are offered by UPD.

The University regularly reviews course curricula and may revise them. Students admitted into this program shall follow the existing curriculum until such time that a new curriculum replacing it has been duly approved for implementation. All courses prescribed and taken under this existing curriculum shall be credited under the new curriculum.

*In all instances where BIO 11, BIO 11.1, BIO 12, and BIO 12.1 appear in this document or in the appendices, it is to be understood that these inclusions are subject to the approval of the four subjects.*

*In all instances where Stat 102 appears in this document or in the appendices, it is understood that these inclusions are subject to the approval of Stat 102.*

