

**CURRICULUM OF BACHELOR OF SCIENCE IN BIOLOGY
MAJOR IN MOLECULAR BIOLOGY AND BIOTECHNOLOGY**

Academic Units	Non-Academic Units	Total Units
176	9	185

Academic Year I, First Trimester		
Course Code	Course Title	Units
MTH101A	Foundation Course in Mathematics	5
BASCHEM	Foundation Course in Chemistry	3
BASPHYS	Foundation Course in Physics	3
STT101A	Foundation Course in Statistics	3
LCLSONE	Lasallian Studies I	(1)
LASARE1	Lasallian Recollection 1	0
NSTP101	National Service Training Program-General Orientation	0
	Total Units	14 (1)

Academic Year I, Second Trimester		
Course Code	Course Title	Units
GEMATMW	Mathematics in the Modern World	3
GEETHIC	Ethics	3
BOTAONE	General Botany (Lec)	3
LBYBIOA	General Botany (Lab)	2
ZOOLONE	General Zoology (Lec)	3
LBYBIO1	General Zoology (Lab)	2
SAS1000	Student Affairs Services 1000	0
NSTPCW1/LT1/RO1	CWTS Community Service Phase/ ROTC Military Science 1: ROTC Common Module	(3)
	Total Units	16 (3)

Academic Year I, Third Trimester		
Course Code	Course Title	Units
GELECSP	G.E. Social Science/Philosophy Elective	3
SYSTEMA	Systematics (Lec)*	3
LBYBI12	Systematics (Lab) *	2
BIOKMOR	Organic Chemistry for Biology majors*	2
LBYBIOR	Organic Chemistry for Biology majors*	1
STT151A	Statistical Biology	3
NSTPCW2/LT2/RO2	CWTS Community Service Phase/ROTC Military Science 2:Service Oriented Module	(3)
	Total Units	14 (3)

Academic Year II, First Trimester		
Course Code	Course Title	Units
GELECAH	G.E. Arts and Humanities Elective	3
GEFTWEL	Physical Fitness and Wellness	2
MCROBIO	Microbiology (Lec)*	3
LBYBI13	Microbiology (Lab)*	2
BIOKMAN	Analytical Chemistry for Biology majors*	2
LBYBIAN	Analytical Chemistry for Biology majors*	1
COMPANA	Comparative Anatomy of Vertebrates (Lec)*	3
LBYBIO3	Comparative Vertebrate Anatomy (Lab)*	2
LCLSTWO	Lasallian Studies 2	(1)
LASARE2	Lasallian Recollection 2	0
	Total Units	18 (1)

Academic Year II, Second Trimester		
Course Code	Course Title	Units
GEPCOMM	Purposive Communications	3
GEDANCE	Physical Fitness and Wellness in Dance	2
ECOLGEN	General Ecology (Lec)*	3
LBYBI14	General Ecology (Lab)*	2
BIOKMBI	Biochemistry (Lec)*	3
LBYBIBI	Biochemistry (Lab)*	2
PHYSIOL	General Physiology (Lec)*	3
LBYBI15	General Physiology (Lab)*	2
SAS2000	Student Affairs Services 2000	0
	Total Units	20

Academic Year II, Third Trimester		
Course Code	Course Title	Units
LCFAITH	Faith Worth Believing	3
GESPORT	Physical Fitness and Wellness in Individual/Dual Sports	2
GEUSELF	Understanding the Self	3
CELLMOL	Cell and Molecular Biology (Lec)*	3
LBYBI16	Cell & Molecular Biology (Lab)*	2
INTRGEN	Genetics (Lec)*	3
LBYBI17	Genetic (Lab)*	2
	Total Units	18

Academic Year III, First Trimester		
Course Code	Course Title	Units
GEARTAP	Art Appreciation	3
GETEAMS	Physical Fitness and Wellness in Team Sports	2
BIOINFR	Bioinformatics (Lec)*	3
LBYBI29	Bioinformatics (Lab)*	2
DEVBIOL	Developmental Biology (Lec)*	3
LBYBI19	Developmental Biology (Lab)*	2
THBIOL1	Biological Research 1*	2
BIORES	Fundamentals of Biological Research*	1
LCLSTRI	Lasallian Studies3	(1)
LASARE3	Lasallian Recollection 3	0
	Total Units	18 (1)

Academic Year III, Second Trimester		
Course Code	Course Title	Units
GERIZAL	Life and Works of Rizal	3
GESTSOC	Science, Technology and Society	3
MDMICRO	Medical Microbiology (Lec)*	3
LBYBI20	Medical Microbiology (Lab)*	2
HISTOLO	Histology (Lec)*	1
LBYBIO7	Histology (Lab)*	2
THBIOL2	Biological Research 2*	2
SAS3000	Student Affairs Services 3000	0
	Total Units	16

Academic Year III, Third Trimester		
Course Code	Course Title	Units
LCASEAN	The Filipino and ASEAN	3
GELECST	G.E. Science and Technology Elective	3
INDUBIO	Industrial Biotechnology and Enterprise (Lec)*	3
LBYBI31	Industrial Biotechnology and Enterprise (Lab)*	2
GPROMIC	Genomics and Proteomics (Lec)*	3
LBYBI32	Genomics and Proteomics (Lab)*	2
	Total Units	16

Academic Year IV, First Trimester		
Course Code	Course Title	Units
LCENWRD	Encountering the Word in the World	3
BIMEDIC	Biomedical Ethics*	3
PHYBIO3	Biophysics (Lec)*	3
LBYPHO3	Biophysics (Lab)*	1
AGRIBIO	Agricultural Biotechnology (Lec)*	3
LBYBI33	Agricultural Biotechnology (Lab)*	2
THBIOL3	Biological Research 3*	2
	Total Units	17

Academic Year IV, Second Trimester		
Course Code	Course Title	Units
PRACGEP	Practicum*	3
	Total Units	3

Academic Year IV, Third Trimester		
Course Code	Course Title	Units
GERPHIS	Readings in the Philippine History	3
GEWORLD	The Contemporary World	3
	Total Units	6

** This refers to a course subject with respective pre-requisites. Subjects should not be enrolled without passing their respective pre-requisite. Be reminded that subjects taken without having passed the pre-requisites will be INVALIDATED. Subjects without pre-requisite can be taken in any term.*