



SILLIMAN UNIVERSITY

BACHELOR OF SCIENCE IN BIOLOGY

FIRST YEAR					
First Semester	Units	Pre-requisite	Second Semester	Units	Pre-requisite
GE 5 Purposive Communication	3		GE 2 Readings in Philippine History	3	
GE 7 Science, Technology & Society	3		GE 4 Mathematics in the Modern World	3	
BIO 11 General Zoology	5		BIO 12 Animal Physiology	3	BIO 11
BIO 13 General Botany	5		BIO 14 Comparative Vertebrate Anatomy	5	BIO 13
CHS 1 Reading & Interpreting the Hebrews	3		CHEM 18 Analytical Chemistry	5	
PE 1 Physical Fitness and Swimming	2		CHS 2 Reading & Interpreting the Christian Scriptures	3	CHS 1
NSTP 1 National Service Training Program	(3)		PE 2 Physical Education	2	PE 1
PEP1 Personal Enhancement Program			NSTP 2 National Service Training Program	(3)	NSTP 1
			PEP 2 Personal Enhancement Program		PEP 1
Total Number of Units	24		Total Number of Units	27	
SECOND YEAR					
First Semester	Units	Pre-requisite	Second Semester	Units	Pre-requisite
GE 1 Understanding the Self	3		GE 6 Art Appreciation	3	
BIO 21 Biological Techniques & Instrumentation	3	BIO 11, 13	GE 8 Ethics	3	
BIO 23 Ecology and Field Biology	5	BIO 11,12, 13	BIO 22 General Microbiology	5	BIO 11,13, 50
BIO 25 Plant Physiology	3	BIO 13	BIO 24 Introduction to Genetics	5	BIO 12, 14
CHEM 19 Organic Chemistry	5	CHEM 18	BIO 26 Invertebrate Zoology	3	BIO 11
PHYS 8 Biophysics	5		CHEM 20 Biochemistry	5	CHEM 19
PE 3 Physical Education	2	PE 2	PE 4 Physical Education	2	PE 3
Total Number of Units	26		Total Number of Units	26	
THIRD YEAR					
First Semester	Units	Pre-requisite	Second Semester	Units	Pre-requisite
GE 3 The Contemporary World	3		GE 10 Whole Person Education	3	
GE 9 The Life and Works of Jose Rizal	3		BIO 32 Principles of Systematics	5	BIO 11,13, 14,31, 37
BIO 31 Animal Developmental Biology	3	BIO 11,12, 24	BIO 36 Into to Research / Thesis 1	3	BIO 21, 23
BIO 33 Plant Developmental Biology	3	BIO 13, 25	Major Elective 1	3	
BIO 35 Cell & Molecular Biology	5	BIO 11, 13 CHEM 19	Major Elective 2	3	
BIO 37 Biometry	3	BIO 11,13 GE 4	Major Elective 3	3	
Free Elective 1	3		Free Elective 2	3	
Total Number of Units	23		Total Number of Units	23	
SUMMER					
Biology 40 Research Apprenticeship/On the Job Training - 3 Units					
FOURTH YEAR					
First Semester	Units	Pre-requisite	Second Semester	Units	Pre-requisite
BIO 41 Evolutionary Biology	5	BIO 11,13,14, 24, 31	GE 12/CHS 3 Christianity & Peace-Building	3	
BIO 43 Undergraduate Thesis 2	3	BIO 36	Major Elective 6	3	
Major Elective 4	3		Major Elective 7	3	
Major Elective 5	3		Major Elective 8	3	
GE 11 Free Elective 3	3		Major Elective 9	3	
Total Number of Units	17		Total Number of Units	15	

Revisions:

GE 10 Whole Person Education

GE 11 Free Elective 3