

BACHELOR OF SCIENCE IN BIOLOGY

FIRST YEAR						
FIRST SEMESTER						
CATALOGUE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
BIO	105	General Biology I	3	2	5	NONE
ENGL	100	Study and Thinking Skills	3	0	3	NONE
FILI	100	Komunikasyon sa Akademikong Filipino	3	0	3	NONE
HUMAN	100	Introduction to the Humanities	3	0	3	NONE
MATH	100	College Algebra	3	0	3	NONE
PI	100	Rizal's Life, Works and Writings	3	0	3	NONE
PE	100	Foundation of Physical Fitness	2	0	2	NONE
NSTP	1	National Service Training Program I	3	0	3	NONE
					TOTAL:	22
SECOND SEMESTER						
CATALOGUE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
BIO	110	General Biology II	3	2	5	BIO 105
CHEM	102	General & Inorganic Chemistry	3	2	5	NONE
ENGL	105	Speech Communication	3	0	3	ENGL 100
FILI	105	Pagbasa at Pagsulat tungo sa Pananaliksik	3	0	3	FILI 100
MATH	105	Plane Trigonometry	3	0	3	MATH 100
PE	105	Rhythmic Activities	2	0	2	PE 100
NSTP	2	National Service Training Program II	3	0	3	NSTP 1
					TOTAL:	21
SUMMER						
CATALOGUE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
					TOTAL:	

SECOND YEAR

FIRST SEMESTER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
CHEM	202	Organic Chemistry	3	2	5	CHEM 102
MATH	210	Calculus with Analytic Geometry	3	0	3	MATH 105
ENGL	115	Introduction to Literature	3	0	3	ENGL 110
PHILO	101	Intro to Philo w/ Logic & Critical Thinking	3	0	3	NONE
SOCSCI	100	Society & Culture w/ Family Planning	3	0	3	NONE
BIO	200	General Microbiology	2	1	3	BIO 105
PE	110	Individual and Dual Sports	2	0	2	PE 100
			TOTAL:		22	

SECOND SEMESTER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
COMSCI	100	Computer Fundamentals	2	1	3	MATH 100
ECON	100	Prin of Economics w/ Land Reform & Taxation	3	0	3	NONE
PHYS	115A	General Physics	2	2	4	MATH 105
STAT	200	Introduction to Statistics	2	1	3	MATH 100
BIO	205	Plant Morphology and Anatomy	2	1	3	BIO 105
BIO	210	Animal Morphology and Anatomy	2	1	3	BIO 105
PE	115	Team Sports	2	0	2	PE 100
			TOTAL:		21	

SUMMER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
			TOTAL:			

THIRD YEAR

FIRST SEMESTER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
PHYS	205A	Atomics and Modern Physics	2	2	4	PHYS 115A
POLSCI	101	Philippine History with Politics & Governance	3	0	3	NONE
BIO	215	Systematic Biology	2	1	3	BIO 110
ELECTIVE	1	BIO 220 -Biostatistics	2	1	3	STAT 200
ELECTIVE	2	BIO 225 -Biological Techniques	1	2	3	BIO 110
FREE ELECT	1	BIO 295 – Teaching of Biology	3	0	3	Junior Standing
			TOTAL:		19	

SECOND SEMESTER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
CHEM	220	Biochemistry	3	2	5	CHEM 202
PSYCH	100	General Psychology	3	0	3	NONE
BIO	230	Principles of Ecology	2	1	3	BIO 110
BIO	235	Animal Developmental Biology	2	1	3	BIO 110
ELECTIVE	3	BIO 240 - Methods of Biological Research	3	0	3	Junior Standing
ELECTIVE	4	BIO 285 - Bio-Industry	0	3	3	BIO 110
			TOTAL:		20	

SUMMER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
BIO	250	Biopractice	0	3	3	Junior Standing
			TOTAL:		3	

FOURTH YEAR

FIRST SEMESTER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
BIO	225	Plant Physiology	2	1	3	CHEM 220
BIO	260	Animal Physiology	2	1	3	CHEM 220
BIO	265	Genetics	2	1	3	BIO 105, CHEM 220, STAT 200
ELECTIVE	5	BIO 290 - Bioethics	3	0	3	BIO 110
ELECTIVE	6	BIO 275 - Biodiversity Conservation	2	1	3	BIO 230
BIO	400A	Undergraduate Thesis I	3	0	3	BIO 240
			TOTAL:		18	

SECOND SEMESTER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
BIO	280	Cell and Molecular Biology	3	0	3	CHEM 220
ELECTIVE	7	BIO 245 - Bio-Entrepreneurship	3	0	3	BIO 110
ELECTIVE	8	BIO 270 - Biotechnology	2	1	3	BIO 265
FREE ELECT	2	BIO 300 – Science, Technology and Society	3	0	3	Consent of Instructor
BIO	399	Undergraduate Seminar	1	0	1	Senior Standing
BIO	400B	Undergraduate Thesis II	0	3	3	BIO 400A
			TOTAL:		16	

SUMMER

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
			TOTAL:			

TOTAL NUMBER OF UNITS – 162