

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE (ENVS)

(Curriculum applicable to students who entered as freshmen beginning school year 2015-2016)

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	1	NSTP010	OVERVIEW OF THE NATIONAL SERVICE TRAINING PROGRAM	3.0	-	(3.0)	NONE	NONE
1	1	CHM021	GENERAL CHEMISTRY 1	3.0	-	2.0	NONE	NONE
1	1	CHM021L	GENERAL CHEMISTRY 1 LABORATORY	-	3.0	1.0	NONE	CHM021
1	1	ENG021	ENGLISH FOR ACADEMIC STUDIES 1	4.5	-	3.0	NONE	NONE
1	1	FIL001	KOMUNIKASYON SA AKADEMIKONG FILIPINO	4.5	-	3.0	NONE	NONE
1	1	MATH005	FUNDAMENTALS OF ALGEBRA	4.5	-	3.0	NONE	NONE
1	1	PE011	PHYSICAL FITNESS AND GYMNASTICS	-	3.0	(2.0)	NONE	NONE
1	1	VE011	VALUES EDUCATION 1	1.5	-	(1.0)	NONE	NONE
Total				21.0	6.0	12 +		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	2	CHM022	GENERAL CHEMISTRY 2	3.0	-	2.0	CHM021	NONE
1	2	CHM022L	GENERAL CHEMISTRY 2 LABORATORY	-	3.0	1.0	CHM021, CHM021L	CHM022
1	2	CS001P	COMPUTER FUNDAMENTALS & PROGRAMMING 1 (PAIRED)	1.5	3.0	2.0	NONE	NONE
1	2	ENG022	ENGLISH FOR ACADEMIC STUDIES 2	4.5	-	3.0	ENG021	NONE
1	2	FIL002	PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK	4.5	-	3.0	FIL001	NONE
1	2	MATH006	FUNDAMENTALS OF PLANE & SPHERICAL TRIGONOMETRY	4.5	-	3.0	MATH005	NONE
1	2	PE012	DANCE AND MARTIAL ARTS	-	3.0	(2.0)	PE011	NONE
1	2	VE012	VALUES EDUCATION 2	1.5	-	(1.0)	VE011	NONE
Total				19.5	9.0	14+		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	3	NSTP011-2P	LITERACY TRAINING SERVICE	4	3.0	(3.0)	NSTP010	NONE
1	3	CHM023	GENERAL CHEMISTRY 3	3.0	-	2.0	CHM022	NONE
1	3	CHM023L	GENERAL CHEMISTRY 3 LABORATORY	-	3.0	1.0	CHM022, CHM022L	CHM023
1	3	CS002P	COMPUTER FUNDAMENTALS & PROGRAMMING 2 (PAIRED)	1.5	3.0	2.0	CS001P	NONE
1	3	ENG023	ENGLISH FOR ACADEMIC STUDIES 3	4.5	-	3.0	ENG022	NONE
1	3	ES101	INTRODUCTION TO ENVIRONMENTAL SCIENCE	4.5	-	3.0	NONE	NONE
1	3	ES101L	INTRODUCTION TO ENVIRONMENTAL SCIENCE LABORATORY	-	3.0	1.0	NONE	ES101
1	3	HUM011	LOGIC REASONING WITH CRITICAL THINKING	4.5	-	3.0	NONE	NONE
1	3	PE013	INDIVIDUAL/DUAL SPORTS	-	3.0	(2.0)	NONE	NONE
Total				22.0	15.0	15+		

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Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	1	BIO015	GENERAL BIOLOGY 1	4.5	-	3.0	NONE	NONE
2	1	BIO015L	GENERAL BIOLOGY 1 LABORATORY	-	9.0	2.0	NONE	BIO015
2	1	CHM130	ANALYTICAL CHEMISTRY	4.5	-	3.0	CHM023	NONE
2	1	CHM130L	ANALYTICAL CHEMISTRY LABORATORY	-	6.0	2.0	CHM023, CHM023L	CHM130
2	1	SCI100	INTRODUCTION TO EARTH SCIENCES	4.5	-	3.0	NONE	NONE
2	1	SCI100L	INTRODUCTION TO EARTH SCIENCES LABORATORY	-	6.0	2.0	NONE	SCI100
Total				13.5	21.0	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	2	BIO016	GENERAL BIOLOGY 2	4.5	-	3.0	BIO015	NONE
2	2	BIO016L	GENERAL BIOLOGY 2 LABORATORY	-	6.0	2.0	BIO015, BIO015L	BIO016
2	2	HUM014	PHILIPPINE LITERATURE IN ENGLISH	4.5	-	3.0	NONE	NONE
2	2	MATH030	CALCULUS FOR THE LIFE SCIENCES	4.5	-	3.0	MATH006	NONE
2	2	PHY016	GENERAL PHYSICS 1	4.5	-	3.0	MATH006	NONE
2	2	PHY016L	GENERAL PHYSICS 1 LABORATORY	-	3.0	1.0	MATH006	PHY016
Total				18.0	9.0	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	3	BIO017	INTRODUCTION TO MICROBIOLOGY	3.0	-	2.0	BIO016	NONE
2	3	BIO017L	INTRODUCTION TO MICROBIOLOGY LABORATORY	-	3.0	1.0	BIO016, BIO016L	BIO017
2	3	MATH112	ELEMENTARY STATISTICS	4.5	-	3.0	MATH005	NONE
2	3	PHY017	GENERAL PHYSICS 2	4.5	-	3.0	PHY016	NONE
2	3	PHY017L	GENERAL PHYSICS 2 LABORATORY	-	3.0	1.0	PHY016, PHY016L	PHY017
2	3	SS012	GENERAL PSYCHOLOGY	4.5	-	3.0	NONE	NONE
2	3	PE014	TEAM SPORTS	-	3.0	(2.0)	PE013	NONE
2	3	VE013	VALUES EDUCATION 3	1.5	-	(1.0)	VE011	NONE
Total				18.0	9.0	13.0+		

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Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	1	BIO120	PRINCIPLES OF SYSTEMATICS/BIODIVERSITY	3.0	-	2.0	COM112	NONE
3	1	CHM141	ORGANIC CHEMISTRY 1	3.0	-	2.0	CHM023	NONE
3	1	CHM141L	ORGANIC CHEMISTRY 1 LABORATORY	-	3.0	1.0	CHM023 CHM023L	CHM141
3	1	ES105	ENVIRONMENTAL ECOLOGY	4.5	-	3.0	BIO017	NONE
3	1	ES105L	ENVIRONMENTAL ECOLOGY LABORATORY	-	4.5	1.0	BIO017, BIO017L	ES105
3	1	SS019	PHILIPPINE HISTORY, GOVERNMENT AND CONSTITUTION	4.5	-	3.0	NONE	NONE
Total				15.0	7.5	12.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	2	ES110	INTRODUCTION TO ENVIRONMENTAL POLLUTION	4.5	-	3.0	ES105	NONE
3	2	ES110L	INTRODUCTION TO ENVIRONMENTAL POLLUTION LABORATORY	-	4.5	1.0	ES105, ES105L	ES110
3	2	ES150	INTRODUCTION TO COMPUTER MODELLING AND SIMULATION	4.5	-	3.0	CS002P	NONE
3	2	ES150L	INTRODUCTION TO COMPUTER MODELLING AND SIMULATION LABORATORY	-	6.0	2.0	CS002P	ES150
3	2	ES180-1P	ENVIRONMENTAL MONITORING 1 (PAIRED)	1.5	6.0	3.0	ES110, ES110L	NONE
3	2	RES120P	METHODS OF RESEARCH (PAIRED)	1.5	3.0	2.0	MATH112	NONE
Total				12.0	19.5	14.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	ENG041L	ENGLISH FOR THE WORKPLACE 1	-	3.0	1.0	ENG023	NONE
3	3	ES151P	COMPUTER MODELLING APPLICATIONS	1.5	9.0	3.0	ES150, ES150L	NONE
3	3	ES180-2P	ENVIRONMENTAL MONITORING 1 (PAIRED)	1.5	6.0	3.0	ES180-1P	NONE
3	3	ES175	ENVIRONMENTAL LAW, POLICY & ETHICS	4.5	-	3.0	SS019, ES110	NONE
3	3	ES181	NATURAL RESOURCE MANAGEMENT	4.5	-	3.0	ES110	NONE
3	3	ES200-1	THESIS 1	-	4.5	1.0	RES120P, BIO120	NONE
3	3	VE014	VALUES EDUCATION 4	1.5	-	(1.0)	VE013	NONE
Total				13.5	22.5	14+		

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4	1	ENG042L	ENGLISH FOR THE WORKPLACE 2	-	3.0	1.0	ENG041L	NONE
4	1	ES170	SPECIAL TOPICS IN ENVIRONMENTAL SCIENCE	4.5	-	3.0	ES175	NONE
4	1	ES182	INDUSTRIAL ECOLOGY & SUSTAINABILITY	4.5	-	3.0	ES105, ES105L	NONE
4	1	ES183	WASTE MANAGEMENT	4.5	-	3.0	ES110, ES110L	NONE
4	1	ES200-2	THESIS 2	-	4.5	1.0	ES200-1	NONE
4	1	SS017	SOCIETY,CULTURE AND FAMILY LIFE	4.5	-	3.0	NONE	NONE
Total				18.0	7.5	14.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	2	ENG043L	ENGLISH FOR THE WORKPLACE 3	-	3.0	1.0	ENG042L	NONE
4	2	ES191	ENVIRONMENTAL IMPACT ASSESSMENT	4.5	-	3.0	ES110, ES110L	NONE
4	2	ES200-3	THESIS 3	-	4.5	1.0	ES200-2	NONE
4	2	HUM012	PHILOSOPHY OF THE HUMAN PERSON	4.5	-	3.0	NONE	NONE
4	2	SS013	ECONOMICS, TAXATION AND AGRARIAN REFORM	4.5	-	3.0	NONE	NONE
4	2	SS014	JOSE RIZAL AND THE DEVELOPMENT OF FILIPINO NATIONALISM	4.5	-	3.0	NONE	NONE
Total				18.0	7.5	14.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	3	ES199R	INTERNSHIP OR PRACTICUM	-	40.0	3.0	ES175, ES182	NONE
Total				0.0	40.0	3.0		

Total Academic Units : 155.00

Non-academic Units : 18

GRAND TOTAL: 173 UNITS