



ATENEO DE MANILA UNIVERSITY

SCHOOL OF SCIENCE AND ENGINEERING

Department of Environmental Science

B.S. ENVIRONMENTAL SCIENCE

EFFECTIVE SY 2009-2010

FRESHMAN YEAR			
<u>First Semester</u>	<u>Units</u>	<u>Second Semester</u>	<u>Units</u>
En 11 Communication in English I	3	En 12 Communication in English II	3
Lit 13 Introduction to Fiction	3	Lit 14 Introduction to Poetry	3
Fil 11 Sining ng Pakikipagtalastasan sa Filipino I	3	Ma 20.3a Applied Calculus for Life Sciences I	3
Ma 18a Principles of Modern Mathematics I	3	Ch 7 General Chemistry I (lec.)	3
ES 10 Intro. To Environmental Sciences (lec.)	3	Ch 8 General Chemistry I (lab.)	2
ES 12 Intro. To Environmental Sciences (lab.)	1	FL 1 Jsp1/Chn 1/Sp1/Fr1/Bh1/Ital 1/Gr 1 (choose one)	3
PE 1 Physical Education	(2)	PE 2 Physical Education - Swimming ®	(2)
Total :	16(18)	Total :	17(19)

SOPHOMORE YEAR			
<u>First Semester</u>	<u>Units</u>	<u>Second Semester</u>	<u>Units</u>
Ma 20.3b Applied Calculus for Life Sciences II	3	Th 121 An Intro. To Doing a Catholic Theology	3
Ch 11 General Chemistry II (lec.)	3	ES 155/156 Introduction to Earth Sciences (lec./lab.)	3/2
Ch 12 General Chemistry II (lab.)	2	Bi 101/101.1 General Biology II (lec./lab.)	3/2
Bi 100/100.1 General Biology I (lec./lab.)	3/2	Hi 16/18 Asian/Western History (choose one)	3
Stat 105 Statistics for Life Sciences	3	Fil 12 Sining ng Pakikipagtalastasan sa Filipino II	3
PE 3 Physical Education	(2)	PE 4 Physical Education	(2)
NSTP 1	(3)	NSTP 2	(3)
Total :	16(21)	Total :	19(24)

JUNIOR YEAR			
<u>First Semester</u>	<u>Units</u>	<u>Second Semester</u>	<u>Units</u>
Ph 101 Philosophy of the Human Person I	3	Ph 102 Philosophy of the Human Person II	3
Ps 31/31.1 Elementary Physics I (lec./lab.)	3/2	Th 131 Marriage, Family Life, & Human Sexuality in a Catholic Perspective	3
ES 110 Environmental Ecology (lec.)	3	Ch 35 Quantitative Analysis (lec.)	3
ES 111 Environmental Ecology (lab.)	2	Ch 36 Quantitative Analysis (lab.)	2
Fil 14 Panitikan ng Pilipinas	3	Bi 120/120.1 Introduction to Microbiology (lec./lab.)	2/1
Total :	16	Ec 102 Basic Economics, Agrarian Reform & Taxation	3
		Total :	17

SENIOR YEAR			
<u>First Semester</u>	<u>Units</u>	<u>Second Semester</u>	<u>Units</u>
Ph 103 Philosophy of Religion	3	Ph 104 Foundations of Moral Value	3
Th 141 A Theology of the Catholic Social Vision	3	Th 151 The Catholic Commitment of Today's Filipino: A Synthesis	3
ES Elective (Science)	3	Bi 171/175 Principles of Systematics/Biodiversity & Conservation (choose one)	2
ES 160/161 Introduction to Env'tal Pollution (lec./lab.)	3/1	ES 180 Special Topics in Environmental Science	3
Pos 100 Politics and Governance	3	ES 131 Introduction to Computer Modeling & Simulation (lec.)	3
SA 21 Introduction to Sociology & Anthropology	3	ES 132 Introduction to Computer Modeling & Simulation (lab.)	1
Total :	19	Psy 101 General Psychology	3
		Total :	18

(Continuation at the back)

SUPER SENIOR YEAR

<u>Summer</u>	<u>Units</u>
ES 100 Environmental Monitoring (lec.)	3
ES 101 Environmental Monitoring (lab.)	3
Total :	6

<u>First Semester</u>	<u>Units</u>
Free Elective	3
ES Elective (Env'tal Studies/Management)	3
ES Elective (Env'tal Studies/Management)	3
Hi 165 Rizal & the Emergence of the Phil. Nation	3
ES 190 Senior Thesis I	3
Total :	15

<u>Second Semester</u>	<u>Units</u>
Free Elective	3
ES 176 Environmental Impact Assessment	3
ES Elective (Env'tal Studies/Management)	3
Hi 166 Philippine History	3
ES 191 Senior Thesis II	3
Total :	15