



Republic of the Philippines
MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY
 Lapan, Cagayan De Oro City

COLLEGE OF SCIENCE AND MATHEMATICS

B.S. in Environmental Science & Technology
 Revised 2009

SUBJECT CODE	DESCRIPTIVE TITLE	HOUR		U N I T		PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC		
1ST YEAR - 1ST SEMESTER							
CHEM10a	General Chemistry 1	3.0	3.0	1.0	3.0	4.0	MATH13a
ENGL11	Study and Thinking Skills	0.0	3.0	0.0	3.0	3.0	
MATH13a	College Algebra	0.0	5.0	0.0	5.0	5.0	
NSTP10	ROTC/CWTS/LTS 1	0.0	3.0	0.0	3.0	3.0	
NSTP10a	ROTC1	0.0	0.0	0.0	3.0	3.0	
NSTP10b	CWTS 1	0.0	0.0	0.0	3.0	3.0	
PD10	Essence of Personality	0.0	1.0	0.0	1.0	1.0	
SS10a	New Constitution	0.0	3.0	0.0	3.0	3.0	
SS20a	Rizal's Life, Works & Writings	0.0	3.0	0.0	3.0	3.0	
		<u>3.0</u>	<u>21.0</u>	<u>1.0</u>	<u>27.0</u>	<u>28.0</u>	
1ST YEAR - 2ND SEMESTER							
ENV110	Environmental Science	0.0	3.0	0.0	3.0	3.0	CHEM10a
BIO12	Essentials of Biological Sciences	3.0	3.0	1.0	3.0	4.0	
CHEM11a	General Chemistry 2	3.0	3.0	1.0	3.0	4.0	CHEM10a
MATH20	Elementary Statistics	0.0	3.0	0.0	3.0	3.0	
ENGL20	Writing Across Disciplines	0.0	3.0	0.0	3.0	3.0	ENGL11
COMP45	Computer Applications w/ Programming 1	3.0	3.0	1.0	3.0	4.0	
MATH17	Plane Trigonometry	0.0	3.0	0.0	3.0	3.0	MATH13a
PD20	Social Graces & Social Relations	0.0	1.0	0.0	1.0	1.0	PD10
NSTP20	ROTC/CWTS/LTS 2	0.0	3.0	0.0	3.0	3.0	NSTP10b
		<u>9.0</u>	<u>25.0</u>	<u>3.0</u>	<u>25.0</u>	<u>28.0</u>	
2ND YEAR - 1ST SEMESTER							
ENV115	Fundamentals of Ecology	3.0	3.0	1.0	3.0	4.0	ENV110, BIO12
CHEM20	Introduction to Organic Chemistry	3.0	3.0	1.0	3.0	4.0	CHEM11a
MATH31	Introduction to Calculus	0.0	5.0	0.0	5.0	5.0	MATH13a
SS30	General Economics, Taxation & Agrarian Reform	0.0	3.0	0.0	3.0	3.0	
ENGL30	Speech & Oral Communication	0.0	3.0	0.0	3.0	3.0	
COMP46	Computer Applications w/ Programming 2	3.0	3.0	1.0	3.0	4.0	COMP45
		<u>9.0</u>	<u>20.0</u>	<u>3.0</u>	<u>20.0</u>	<u>23.0</u>	
2ND YEAR - 2ND SEMESTER							
ENV119	Fundamentals of Geology	0.0	3.0	0.0	3.0	3.0	
ENV125	Environmental Soil Science	3.0	3.0	1.0	3.0	4.0	ENV110, CHEM11a
ENV190	Statistics in Environmental Research	0.0	3.0	0.0	3.0	3.0	MATH20
PHYS10a	General Physics 1 - Mechanics and Heat	3.0	3.0	1.0	3.0	4.0	MATH13a, MATH17
ENGL40	Technical Writing & Reporting	0.0	3.0	0.0	3.0	3.0	ENGL20
CHEM50a	Biochemistry	3.0	3.0	1.0	3.0	4.0	CHEM20
		<u>9.0</u>	<u>18.0</u>	<u>3.0</u>	<u>18.0</u>	<u>21.0</u>	
3RD YEAR - 1ST SEMESTER							
ENV130	Environmental Microbiology	3.0	3.0	1.0	3.0	4.0	BIO12, CHEM50a
ENV140	Introduction to Industrial Processes & Waste Minization	0.0	3.0	0.0	3.0	3.0	CHEM20
ENV150	Environmental Monitoring & Evaluation	6.0	3.0	2.0	3.0	5.0	CHEM20
CHEM80	Environmental Chemistry(Elec)	0.0	3.0	0.0	3.0	3.0	ENV110, CHEM20
PHYS11a	General Physics 2 - Electricity and Magnetism	3.0	3.0	1.0	3.0	4.0	PHYS10a
PSYC20	Applied Psychology	0.0	3.0	0.0	3.0	3.0	
ENGL54	Culture, Arts & Literature	0.0	3.0	0.0	3.0	3.0	
		<u>12.0</u>	<u>21.0</u>	<u>4.0</u>	<u>21.0</u>	<u>25.0</u>	

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		LAB	LEC	LAB	LEC		
3RD YEAR - 2ND SEMESTER							
ENV180	Environmental Economics	0.0	3.0	0.0	3.0	3.0	SS30
ENV191	Methods of Environmental Research	0.0	3.0	0.0	3.0	3.0	ENV190
ENV155	Technology and Management of Waste Materials	0.0	3.0	0.0	3.0	3.0	CHEM20
ENV160	Water Pollution Control	3.0	3.0	1.0	3.0	4.0	CHEM20, ENV150
ENV175	Introduction to Environmental Health Toxicology	0.0	3.0	0.0	3.0	3.0	CHEM50a
ENV170	Aquatic and Marine Ecosystem Management	3.0	3.0	1.0	3.0	4.0	ENV115
ENV165a	Air Pollution Control	3.0	3.0	1.0	3.0	4.0	
		<u>9.0</u>	<u>21.0</u>	<u>3.0</u>	<u>21.0</u>	<u>24.0</u>	
3RD YEAR - SUMMER							
ENV192	On the Job Training	0.0	0.0	0.0	4.0	4.0	ENV180, ENV191, ENV155
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>4.0</u>	<u>4.0</u>	
4TH YEAR - 1ST SEMESTER							
ENV181	Environmental Sociology	0.0	3.0	0.0	3.0	3.0	
ENV171	Agro-forestry Management	0.0	3.0	0.0	3.0	3.0	ENV115
ENV193	Undergraduate Thesis 1	0.0	0.0	0.0	3.0	3.0	ENV191
HUM11b	Logic & Ethics	0.0	3.0	0.0	3.0	3.0	
		<u>0.0</u>	<u>9.0</u>	<u>0.0</u>	<u>12.0</u>	<u>12.0</u>	
4TH YEAR - 2ND SEMESTER							
ENV185	Elements of Environmental Impact Assessment	0.0	3.0	0.0	3.0	3.0	
ENV172	Applied Environmental Conservation and Management	0.0	3.0	0.0	3.0	3.0	ENV115
ENV182	Environmental Ethics, Policies & Laws	0.0	3.0	0.0	3.0	3.0	
ENV194	Undergraduate Thesis 2	0.0	0.0	0.0	3.0	3.0	ENV193
		<u>0.0</u>	<u>9.0</u>	<u>0.0</u>	<u>12.0</u>	<u>12.0</u>	