



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

COLLEGE OF SCIENCE AND MATHEMATICS

B.S. in Food Science & Technology
 Revised March 18, 2008

SUBJECT CODE	DESCRIPTIVE TITLE	H O U R		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	
BIO13	General Biology 1	3.0	3.0	1.0	3.0	4.0	
MATH13b	College Algebra w/ Plane Trigonometry	0.0	6.0	0.0	6.0	6.0	
ENGL11	Study and Thinking Skills	0.0	3.0	0.0	3.0	3.0	
SS10a	New Constitution	0.0	3.0	0.0	3.0	3.0	
PD10	Essence of Personality	0.0	1.0	0.0	1.0	1.0	
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	
		<u>6.0</u>	<u>22.0</u>	<u>2.0</u>	<u>28.0</u>	<u>30.0</u>	
1ST YEAR - 2ND SEMESTER							
CHEM11a	General Chemistry 2	3.0	3.0	1.0	3.0	4.0	CHEM10a
BIO14	General Biology 2	3.0	3.0	1.0	3.0	4.0	BIO13
MATH17	Plane Trigonometry	0.0	3.0	0.0	3.0	3.0	MATH13b
MATH32a	Differential Calculus w/ Analytic Geometry	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
SS20a	Rizal's Life, Works & Writings	0.0	3.0	0.0	3.0	3.0	
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	NSTP10
		<u>6.0</u>	<u>22.0</u>	<u>2.0</u>	<u>22.0</u>	<u>24.0</u>	
2ND YEAR - 1ST SEMESTER							
CHEM21	Basic Organic Chemistry	3.0	4.0	1.0	4.0	5.0	CHEM11a
PHYS10a	General Physics 1 - Mechanics and Heat	3.0	3.0	1.0	3.0	4.0	MATH17
MATH35	Applied Integral Calculus	0.0	3.0	0.0	3.0	3.0	MATH32a
ENGL30	Speech & Oral Communication	0.0	3.0	0.0	3.0	3.0	
SS30	General Economics, Taxation & Agrarian Reform	0.0	3.0	0.0	3.0	3.0	
BTech 20	General Microbiology	3.0	3.0	1.0	3.0	4.0	BIO14
		<u>9.0</u>	<u>19.0</u>	<u>3.0</u>	<u>19.0</u>	<u>22.0</u>	
2ND YEAR - 2ND SEMESTER							
FST20	Food Microbiology	3.0	3.0	1.0	3.0	4.0	BTech 20
FST21	Food Safety & Standard	0.0	3.0	0.0	3.0	3.0	
CHEM40	Fundamentals of Analytical Chemistry	3.0	4.0	1.0	4.0	5.0	MATH13a, CHEM11a
PHYS11a	General Physics 2 - Electricity and Magnetism	3.0	3.0	1.0	3.0	4.0	MATH17
MATH20	Elementary Statistics	0.0	3.0	0.0	3.0	3.0	MATH13a, MATH17
ENGL40	Technical Writing & Reporting	0.0	3.0	0.0	3.0	3.0	ENGL20
		<u>9.0</u>	<u>19.0</u>	<u>3.0</u>	<u>19.0</u>	<u>22.0</u>	
3RD YEAR - 1ST SEMESTER							
FST30	Food Engineering	0.0	3.0	0.0	3.0	3.0	PHYS11a
FST31	Fruits & Vegetable Processing	3.0	2.0	1.0	2.0	3.0	
FST32	Statistical Methods in FST	0.0	3.0	0.0	3.0	3.0	MATH20
PSYC20	Applied Psychology	0.0	3.0	0.0	3.0	3.0	
ENTREP10	Entrepreneurship	0.0	3.0	0.0	3.0	3.0	
CHEM50a	Biochemistry	3.0	3.0	1.0	3.0	4.0	CHEM21
ACTG10	Basic Accounting	0.0	3.0	0.0	3.0	3.0	
		<u>6.0</u>	<u>20.0</u>	<u>2.0</u>	<u>20.0</u>	<u>22.0</u>	

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		LAB	LEC	LAB	LEC		
<u>3RD YEAR - 2ND SEMESTER</u>							
FST33	Food Chemistry	3.0	2.0	1.0	2.0	3.0	CHEM21
FST34	Food Analysis	6.0	2.0	2.0	2.0	4.0	CHEM40, MATH20
FST35	Sensory Evaluation of Food	3.0	2.0	1.0	2.0	3.0	MATH20, FST32
FST36	Research Methods in FST	0.0	3.0	0.0	3.0	3.0	FST32
CHEM59	Elementary Physical Chemistry	0.0	3.0	0.0	3.0	3.0	CHEM11a, MATH35, PHYS11a
ENVI10	Environmental Science	0.0	3.0	0.0	3.0	3.0	CHEM11a
HUM11b	Logic & Ethics	0.0	3.0	0.0	3.0	3.0	
		<u>12.0</u>	<u>18.0</u>	<u>4.0</u>	<u>18.0</u>	<u>22.0</u>	
<u>3RD YEAR - SUMMER</u>							
FST37	On the Job Training	0.0	0.0	0.0	6.0	6.0	
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>6.0</u>	<u>6.0</u>	
<u>4TH YEAR - 1ST SEMESTER</u>							
FST40	Fishery & Related Products Processing	3.0	2.0	1.0	2.0	3.0	
FST41	Meat & Dairy Processing	3.0	2.0	1.0	2.0	3.0	
FST42	Food Packaging	3.0	2.0	1.0	2.0	3.0	
FST43	Food Biochemistry & Biotechnology	0.0	3.0	0.0	3.0	3.0	FST20, CHEM50a
FST44	Seminar on Recent Advances in FST	0.0	1.0	0.0	1.0	1.0	
FST45	Quality Control in Food Industries	0.0	3.0	0.0	3.0	3.0	FST20, FST34
FST46	Undergraduate Thesis 1	0.0	3.0	0.0	3.0	3.0	
ACTG30	Managerial Accounting	0.0	3.0	0.0	3.0	3.0	ACTG10
		<u>9.0</u>	<u>19.0</u>	<u>3.0</u>	<u>19.0</u>	<u>22.0</u>	
<u>4TH YEAR - 2ND SEMESTER</u>							
FST47	Food Processing Management	0.0	3.0	0.0	3.0	3.0	ACTG30
FST48	Undergraduate Thesis 2	0.0	3.0	0.0	3.0	3.0	FST46
5MGT1	Concepts and Dynamics of Management	0.0	0.0	0.0	3.0	3.0	ACTG30
ENVI22	Environmental Technology & Management 1	0.0	3.0	0.0	3.0	3.0	ENVI10
ENGL54	Culture, Arts & Literature	0.0	3.0	0.0	3.0	3.0	
		<u>0.0</u>	<u>12.0</u>	<u>0.0</u>	<u>15.0</u>	<u>15.0</u>	