



Republic of the Philippines  
Mindanao State University  
**ILIGAN INSTITUTE OF TECHNOLOGY**  
Andres Bonifacio Avenue, Tibanga, 9200 Iligan City

**CERTIFICATE OF REGISTRATION**  
**SY 2009-2010, 2nd Term**

ID NUMBER: 2004-2097  
NAME: Apao, Monabel May N.  
GENDER: F

COURSE/MAJOR: MSBIO  
SCHOOL/COLLEGE: SGS  
YEAR LEVEL: 2

PREVIOUS GPA: 1.4375  
SCHOLARSHIP STATUS: DOST  
SCHOLASTIC STATUS: REGULAR

Code	Section	Title	Days	Time	Room	Bldg	Lab	Lec	Unit
BIO 296	AAA	Seminar in Biology					0	1	
BIO 300	AAA	Master's Thesis					0	6	
*****NOTHING FOLLOWS*****									TOTAL UNITS: 7.

Transaction #: 200911190035

Date Registered: 11/19/2009

TOTAL ASSESSMENT: 6,175.0

[Signature]  
Student's Signature

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Adviser

[Signature]  
JERSON N. OREJUDOS  
Dean

[Signature]  
FELICIDAD C. GADIANO  
Registrar

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11/23/09  
per POS

Name of Student : Apao, Monabel May N.

COURSE NO.	DESCRIPTIVE TITLE OF THE COURSE	HOURS/WEEK		FINAL		UNITS
		LECT.	LAB.	GRADE	GRADE	

Second Semester 2008-2009

MAJOR : MSBIO

BIO 253	Molecular Genetics	2	3	1.25		3
BIO 264N	Molecular Basis of Growth Regulation	2	1	INC	1.00	3
BIO 248	Radiation Biology	2	3	1.50		3
BIO 281	Advanced Cell and Mol. Biology	2	3	1.25		3

GPA: 1.25000 Units Load: 12

Summer 2008-2009

MAJOR : MSBIO

BIO 261	Developmental Biology	2	3	INC	1.50	3
BIO 211	Advanced Systematics	2	3	1.25		3

GPA: 1.37500 Units Load: 6

First Semester 2009-2010

MAJOR : MSBIO

BIO 241	Advanced Physiology	2	3	1.25		3
MCB 241	Microbial Physiology	2	3	1.50		3
MCB 208	Microbiological Techniques	1	6	1.25		3
BIO 298	Advanced Research Methodology	3	0	1.75		3

GPA: 1.43750 Units Load: 12

Second Semester 2009-2010

MAJOR : MSBIO

BIO 296	Seminar in Biology	1	0			0
BIO 300	Master's Thesis	6	0			0

GPA: N/A Units Load: 0

Name of Student -

Spao, Monabel May N.

COURSE NO.	DESCRIPTIVE TITLE OF THE COURSE	HOURS/WEEK LECT.	LAB.	FIN GRADE	GRADE	UNITS
<b><u>Second Semester 2008-2009</u></b>		<b>MAJOR : MSBIO</b>				
BIO 253	Molecular Genetics	2	3	1.25		3
BIO 264N	Molecular Basis of Growth Regulation	2	1	INC	1.00	3
BIO 248	Radiation Biology	2	3	1.50		3
BIO 281	Advanced Cell and Mol. Biology	2	3	1.25		3
		GPA: 1.25000 Units Load: 12				
<b><u>Summer 2008-2009</u></b>		<b>MAJOR : MSBIO</b>				
BIO 261	Developmental Biology	2	3	INC	1.50	3
BIO 211	Advanced Systematics	2	3	1.25		3
		GPA: 1.37500 Units Load: 6				
<b><u>First Semester 2009-2010</u></b>		<b>MAJOR : MSBIO</b>				
BIO 241	Advanced Physiology	2	3	1.25		3
MCB 241	Microbial Physiology	2	3	1.50		3
MCB 208	Microbiological Techniques	1	6	1.25		3
BIO 298	Advanced Research Methodology	3	0	1.75		3
		GPA: 1.43750 Units Load: 12				
<b><u>Second Semester 2009-2010</u></b>		<b>MAJOR : MSBIO</b>				
BIO 296	Seminar in Biology	1	0			0
BIO 300	Master's Thesis	6	0			0
		GPA: N/A Units Load: 0				



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Mindanao State University  
 ILLIGAN INSTITUTE OF TECHNOLOGY  
 Andres Bonifacio Ave., Illigan City

**CERTIFICATE OF REGISTRATION**  
 SY: 2009-2010, 1st Term

APAO, MONABEL

Transaction #: 2009061800

ID No.: 2004-2097  
 NAME: APAO, Monabel May N.  
 Course/Division: MSRM  
 Year/Level: 1

DATE REGISTERED: Jan-18-2009  
 GENDER: F  
 SCHOLARSHIP STATUS: None

Course No.	Section/Description Title	Time	Days	Sec	Bldg	1st	2nd	3rd	4th	5th
MSR 241	001 Advanced Biotechnology		TRD			2	3			
MSR 242	002 Advanced Research Methodology		TRD			3	0			
MSR 202	003 Microbiological Techniques		TRD			1	6			
MSR 241	003 Microbial Physiology		TRD			2	3			
*****NOTHING FOLLOWS*****										
						Total Units: 1				

ASSESSMENT OF FEES

Registration Fee	40.00
Tuition Fee	7,200.00
Laboratory Fee	1,500.00
Lab Rug Fee	100.00
Library Fee	500.00
Orientation Fee	40.00
Medical Fee	25.00
Student Pub Fee	40.00
Student Fee	100.00
Facilities Dev. Fee	650.00
ID Validation	5.00
Technology Fee	350.00
Internet Fee	100.00
=====	
Total Assessment	10,650.00

APAO, Monabel  
 STUDENT

APAO, Monabel  
 ADVISER

APAO, Monabel  
 DEAN

APAO, Monabel  
 REGISTRAR

200-289

ASTHRDP  
 ok  
 8/4/09  
 Grades?

10/15/09



## Second Year, Second Semester

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
Bio 300	Master's Thesis	6				
Bio 296	Seminar in Biology	1				
	Total	7				

## Second Year, Summer

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
300	Master's Thesis	6				
	Total	6				

S.Y. 2010

## Second Year, First Semester

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
Bio 300	Master's Thesis	6				
	Total	6				

Prepared by:

*Francisco Teves*  
Francisco Teves, Ph.D.  
 Adviser/Chair/Guidance Committee

Approved by:

*Dr. Cesar G. Demayo*  
Dr. Cesar G. Demayo  
 Chairman, Bio. Dept./Graduate Program Committee



Name of Student : Apao, Monabel May N.

COURSE NO.	DESCRIPTIVE TITLE OF THE COURSE	HOURS/WEEK		FINAL		UNITS
		LECT.	LAB.	GRADE	GRADE	
BIO 105.2	Systematics Laboratory	0	6	2.75		2
BIO 109.2	General Physiology Lab.	0	6	1.75		2
STAT 33	Biostatistics	4	0	3.00		4
BIO 109	General Physiology	2	0	2.50		2
ENG 3	Oral Communication	3	0	1.25		3
P.E. 3	Minor/Individual Sports	2	0	1.75		2

GPA: 2.09783 Units Load: 23

**Second Semester 2005-2006**

MAJOR : BSBIO(GEN)

CHEM 16	General Chemistry II	3	0	2.75		3
BIO 104.1	Biodiversity Lab.	0	3	1.25		1
BIO 104	Biodiversity Lec.	2	0	2.75		2
P.E. 4	Team Sports	2	0	1.75		2
BIO 106	General Genetics Lec.	2	0	2.25		2
BIO 106.2	General Genetics Lab.	0	6	1.50		2
CHEM 16.2	General Chemistry II Lab.	0	6	2.50		2
MATH 42	Calculus for Life Science	5	0	3.00		5

GPA: 2.42105 Units Load: 19

**First Semester 2006-2007**

MAJOR : BSBIO(GEN)

PHYS 11.1N	Introductory Physics Laboratory I	0	3	2.00		1
BIO 110	Evolution Biology	3	0	1.00		3
BIO 108	Cell Biology	2	0	2.75		2
CHEM 32	Elementary Organic Chemistry Lec.	3	0	2.50		3
PHYS 11	Intro to Physics I Lec.	3	0	3.00		3
CHEM 32.2	Elementary Organic Chemistry Lab.	0	6	2.50		2
ANTHRO 1	Introduction to Anthropology	3	0	1.50		3
POL.SCI. 2	Phil. Gov't & Const, Agr Refrm, Tax'n, FP & Pop Ed	3	0	2.25		3
BIO 108.1	Cell Biology Lab	0	3	2.75		1

GPA: 2.19048 Units Load: 21

**Second Semester 2006-2007**

MAJOR : BSBIO(GEN)

BIO 113.1	Human Genetics Lab.	0	3	INC	1.25	1
BIO 157.2	Comparative Vertebrate Anatomy and Phylogeny Lab.		6	1.75		2
BIO 157N	Comparative Vertebrate Anatomy and Phylogeny	2	0	2.00		2
CHEM 45	Elementary Biochemistry Lec.	3	0	2.50		3
CHEM 45.2	Elementary Biochemistry Lab.	0	6	2.00		2
BIO 127.2	General Microbiology Lab.	0	6	1.75		2
BIO 127	General Microbiology	2	0	1.75		2



Name of Student: **Adan, Monabel May N.**

COURSE NO.	DESCRIPTIVE TITLE OF THE COURSE	HOURS/ WEEK		FINAL GRADE	COMP GRADE	CREDIT UNITS
		LECT.	LAB			
BIO 248	Radiation Biology	2	3	1.50		3
BIO 264N	Molecular Basis of Growth Regulation	2	1	INC	1.00	3
BIO 281	Advanced Cell and Mol. Biology	2	3	1.25		3
BIO 253	Molecular Genetics	2	3	1.25		3

GPA: .25000 Units Load: .12

Summer 2008-2009

MAJOR :

MSBIO

BIO 211	Advanced Systematics	2	3	1.25		3
BIO 261	Developmental Biology	2	3	INC	1.50	3

GPA: 1.37500 Units Load: 6

First Semester 2009-2010

MAJOR :

MSBIO

MCB 241	Microbial Physiology	2	3			0
BIO 298	Advanced Research Methodology	3	0			0
BIO 241	Advanced Physiology	2	3			0
MCB 208	Microbiological Techniques	1	6			0

GPA: N/A Units Load: 0



**DEPARTMENT OF BIOLOGICAL SCIENCES**  
**College of Science and Mathematics**  
**MSU-Iligan Institute of Technology**

**MASTER OF SCIENCE IN BIOLOGY**  
 (Courses in the Program of Study)

Name: Monabel May N. Apao

S.Y. 2008-2009

First Year, Second Semester

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
Bio 281	Advanced Cell and Molecular Biology	3	2	1	3	Cell Biology
Bio 248 (Major)	Radiation Biology	3	2	1	3	
Bio 264 (Major)	Molecular Basis of Growth Regulation	3	3	0	3	
Bio 253 (Major)	Molecular Genetics	3	2	1	3	
Total		12	9	3	12	

First Year, Summer

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
Bio 211	Advanced Systematics	3	2	1	3	Systematics
Bio 261 (Major)	Advanced Developmental Biology	3	2	1	3	
Total		6	4	2	6	

S.Y. 2009-2010

First Year, First Semester

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
MCB 208 (Major)	Microbiological Techniques	3	1	2	3	
Bio 241 (Major)	Advanced Physiology	3	2	1	3	
MCB 241 (Major)	Microbial Physiology	3	2	1	3	
Bio 298	Advanced Research Methodology	3				Biostatistics
Total		12				

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Mindanao State University  
ILIGAN INSTITUTE OF TECHNOLOGY  
Andres Bonifacio Ave., Iligan City

**CERTIFICATE OF REGISTRATION**  
SY: 2008-2009, Summer

ID No.: 2004-2097  
NAME : Apao, Monabel May M.  
Course/Major: MS BIO  
Year Level : 1

DATE REGISTERED: Apr-15-2009  
GENDER : F  
SCHOLASHIP STATUS :  
POST

Course no.	Section	Descriptive Title	Time	Days	Room	Bldg	Lec	Lab	Cred
BIO 211	JDV	Advanced Systematics			TBA		2	3	3
BIO 261	EGT	Developmental Biology			TBA		2	3	3
*****NOTHING FOLLOWS*****								Total Units : 6	

ASSESSMENT OF FEES

Registration Fee	40.00
Tuition Fee	3,600.00
Laboratory Fee	1,000.00
Late Reg Fee	50.00
Library Fee	500.00
Medical Fee	10.00
Student Fee	100.00
Facilities Dev. Fee	650.00
ID Validation	5.00
Technology Fee	350.00
Internet Fee	100.00
<b>Total Assessment</b>	<b>6,405.00</b>

*[Signature]*  
STUDENT

*[Signature]*  
ADVISER

*[Signature]*  
DEAN

*[Signature]*  
REGISTRAR

based on POS  
Apr 4/29/09

*[Signature]*



Mindanao State University  
Iligan Institute of Technology  
Iligan City

STUDENT EVALUATION

IDNO of Student : 2004-2097  
Name of Student : Apao, Monabel May N.

GPA : 2.01216

COURSE NO. DESCRIPTIVE TITLE OF THE COURSE

First Semester 2004-2005

2004-2005		MAJOR :		BSIEDDT		GRADE		GRADE		UNITS	
MATH 1	Introduction to College Mathematics	3	0	3.00						3	
ENG 1	College English 1	3	0	2.00						3	
FIL 1	Sining ng Komunikasyon	3	0	1.75						3	
P.E. 1	Gymnastics and Health	2	0	1.75						2	
TD 1	Technical Drawing	2	3	1.50						3	
PHILO 1N	Intro To Issues and ISMS	3	0	2.75						3	
NAT SCI 1	Foundations of Physical Science	3	0	2.75						3	
MS-1	Military Science	3	0	1.00						(3)	
HIST 1	Philippine History	3	0	1.75						3	
2nd Semester 2004-2005											

Second Semester 2004-2005

MAJOR : BSBIO(BOT)						
101N	Introduction to Biological Science Lec	2	0	1.50		2
2	Dance/ Combative Sports	2	0	1.25		2
	Military Science	3	0	1.00		(3)
	College English II	3	0	1.75		3
	General Chemistry I Lab.	0	6	2.75		2
	Life and Works of Rizal	3	0	1.50		3
	College Algebra and Trigonometry	6	0	3.00		6
	Summaeral Chemstry I	3	0	2.75		3
BIO 103.4	Introduction to Biological Science Lab	0	3	1.25		1

GPA: 2.11391 Units Load: 23

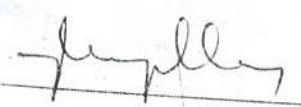
MAJOR : BSBIO(BOT)						
BIO 102	Plant Biology Lab	0	6	3.00		2
BIO 102.2	Animal Biology Lec.	2	0	1.25		2
BIO 103N	Animal Biology Lab.	0	6	1.50		2
	Plant Biology	2	0	3.00		2

GPA: 2.19318 Units Load: 22

First Semester 2005-2006

MAJOR : BSBIO(GEN)						
HUM 1	Introduction to Humanities	3	0	2.25		3
BIO 105	Systematics	2	0	1.50		2
COMP SCI 1	Introduction to computer	2	3	1.75		3

GPA: 2.18150 Units Load: 8

Certified By: 



Student : Apao, Monabel May N.

COURSE NO.	DESCRIPTIVE TITLE OF THE COURSE	HOURS/WEEK		FINAL GRADE	GRADE POINT
		LECT.	LAB.		
BIO 211	Advanced Systematics	2	3		
BIO 261	Developmental Biology	2	3		

GPA: N/A

Units Load: 0

Certified By: [Signature]



of Student : Apao, Monabel May N.

COURSE NO.	DESCRIPTIVE TITLE OF THE COURSE	HOURS/WEEK		FINAL GRADE	GRADE	UNITS
		LECT.	LAB.			
BIO 107.2	General Ecology Lab.	0	6	2.00		2
BIO 107	General Ecology Lec.	2	0	1.50		2
BIO 113	Human Genetics	2	0	INC	1.25	2

GPA: 1.83/50 Units Load: 20

**Summer 2006-2007**

MAJOR : BSBIO(GEN)

ENG 4	Introduction to Literature	3	0	1.50		3
PHYS 12	Intro to Physics II Lec.	3	0	1.75		3
BIO 198	Methods of Research	3	0	1.00		3

GPA: 1.4166/ Units Load: 9

**First Semester 2007-2008**

MAJOR : BSBIO(GEN)

BIO 120.1	Developmental Biology Lab.	0	3	1.50		1
BIO 136	Biogeography	3	0	2.00		3
PSYCH 1	Introduction to Psychology	3	0	2.00		3
BIO 158	Animal Histology	2	0	1.25		2
BIO 158.1	Animal Histology Lab.	0	3	1.50		1
BIO 121N	Immunology	2	0	2.25		2
BIO 121.1	Immunology Lab.	0	3	1.75		1
BIO 128	General Virology	2	0	1.50		2
PHYS 12.1N	Introductory Physics Laboratory II	0	3	1.25		1
BIO 120	Developmental Biology	2	0	INC	2.25	2
BIO 196	SEMINAR IN BIOLOGY	1	0	1.00		1

GPA: 1.76316 Units Load: 19

**Second Semester 2007-2008**

MAJOR : BSBIO(GEN)

BIO 160	Parasitology	2	0	2.25		2
HIST. 3N	History of Filipino Muslims and IP's of Minsupala	3	0	1.50		3
BIO 199N	Undergraduate Thesis	3	0	P		3
SOCIO 1	Introduction to Sociology	3	0	2.50		3
BIO 160.1	Parasitology Lab.	0	3	1.75		1

GPA: 2.02118 Units Load: 9

**Second Semester 2008-2009**

MAJOR : MS BIO

BIO 248	Radiation Biology	2	3	1.50		3
BIO 264N	Molecular Basis of Growth Regulation	2	1	INC	1.00	3
BIO 281	Advanced Cell and Mol. Biology	2	3	1.25		3
BIO 253	Molecular Genetics	2	3	1.25		3

GPA: 1.25000 Units Load: 12

**Summer 2008-2009**

MAJOR : MS BIO