

**GRADUATE OFFICE
COLLEGE OF SCIENCE**
University of the Philippines
Diliman, Quezon City
Tel no. 981-8500 local 3803; Telefax 924-7674

TRUE COPY OF GRADES

SALAPARE, HERNANDO III S.

Student No.: **01-02699**

Course: **MS Physics**

Taken at College of Science
2nd Semester, 2007-08

	Grade	Re-exam	Units
Phys 142	1.75		3
Phys 251	2.50		3
Phys 290	P		1
Phys 305	1.25		3
No entry follows			

Taken at College of Science
NO ENTRY

Grade	Re-exam	Units
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Remarks:

Not valid
Without
Dry Seal

Prepared by: **Precy**
Date: 29 April 2008

Certified True Copy:

Ivy A. Martirez
IVY A. MARTIREZ
Student Records Evaluator II

NOTED BY:

Ronald S. Banzon
RONALD S. BANZON, Ph.D.
Associate Dean for Academic Affairs

PROGRAM OF STUDY

NAME: Hernando Salapare III
 Previous Degree: BS App. Physics -NIP
 Date of Admission: 2nd semester, AY 2007-2008

DEGREE SOUGHT: Master of Science
 MAJOR: Physics

YEAR I**1st Semester**

Course No.	Units

2nd Semester

Course No.	Units
Phys. 142 Quantum Physics II	3
Phys. 251 Statistical Mechanics I	3
Phys. 305 Graduate Elective I	3
Phys. 290 Graduate Colloquium	(1)
	9

YEAR II**1st Semester**

Course No.		Units
Phys. 241	Quantum Mechanics I	3
	Graduate Elective II	3
	Physics Teaching	(1)
		6

2nd Semester

Course No.		Units
Phys. 242	Quantum Mechanics II	3
	Physics Teaching	(1)
		3

YEAR III (Thesis)**1st Semester**

Course No.	Units
Phys. 300 Masteral Thesis	(3)
Phys. 290 Graduate Colloquium	(1)
Phys. 231 Classical Electrodynamics I	3
Phys. 221 Classical Dynamics I	3
	6

2nd Semester

Course No.		Units
Phys. 300	Masteral Thesis	(3)
Phys. 296	Graduate Seminar	(1)
Phys. 232	Classical Electrodynamics II	3
		3

Note:

1. An MS Physics student under the non-thesis option is allowed to shift to the thesis option once the student is accepted as an advisee by a member of the NIP faculty. A student is usually considered for acceptance as an advisee when he/she has demonstrated satisfactory performance in most of the core courses. The timing for such an application normally falls on the summer of the Year I of the program.
2. The nonthesis option curriculum requires 5 Graduate Physics Elective, while the thesis option requires only 2.
3. The thesis option does not include the comprehensive examination.

NOTED:


DR. HENRY J. RAMOS

Program Adviser

(Signature over Printed Name)

PROGRAM OF STUDY

NAME: Hernando Salapare III
 Previous Degree: BS App. Physics -NIP
 Date of Admission: 2nd semester, AY 2007-2008

DEGREE SOUGHT: Master of Science
 MAJOR: Physics

YEAR I**1st Semester**

Course No.	Units

2nd Semester

Course No.	Units
Phys. 142 Quantum Physics II	3
Phys. 251 Statistical Mechanics I	3
Phys. 305 Graduate Elective I	3
Phys. 290 Graduate Colloquium	(1)
	9

YEAR II**1st Semester**

Course No.	Units
Phys. 241 Quantum Mechanics I	3
Graduate Elective II	3
Physics Teaching	(1)
	6

2nd Semester

Course No.	Units
Phys. 242 Quantum Mechanics II	3
Physics Teaching	(1)
	3

YEAR III (Thesis)**1st Semester**

Course No.	Units
Phys. 300 Masteral Thesis	(3)
Phys. 290 Graduate Colloquium	(1)
Phys. 231 Classical Electrodynamics I	3
Phys. 221 Classical Dynamics I	3
	6

2nd Semester

Course No.	Units
Phys. 300 Masteral Thesis	(3)
Phys. 296 Graduate Seminar	(1)
Phys. 232 Classical Electrodynamics II	3
	3

Note:

1. An MS Physics student under the non-thesis option is allowed to shift to the thesis option once the student is accepted as an advisee by a member of the NIP faculty. A student is usually considered for acceptance as an advisee when he/she has demonstrated satisfactory performance in most of the core courses. The timing for such an application normally falls on the summer of the Year I of the program.
2. The nonthesis option curriculum requires 5 Graduate Physics Elective, while the thesis option requires only 2.
3. The thesis option does not include the comprehensive examination.

NOTED:


DR. HENRY J. RAMOS

Program Adviser

(Signature over Printed Name)



Entrance Data:

Date/Semester admitted 1st Semester, 2003-2004

Category Transfer Student

Diploma/Title/Degree

High School/College University of the Philippines Manila

Date graduated/last attended 2nd Semester, 2002-2003

NCEE Rating Year Taken

S.O. No.: Date

Name SALAPARE, HERNANDO III SIY

Student No. 01-02699 Sex Male

Date & Place of Birth March 4, 1984; Camarines Sur

Father's Name Hernando Salapare, Sr.

Mother's Name Ana Siy

Degree/Title/Course BACHELOR OF SCIENCE IN

APPLIED PHYSICS

Major

Date Graduated November 2, 2007

COLLEGIATE RECORD

Course Number	DESCRIPTIVE TITLE OF THE COURSE	Grades		Credits
		Final	Residual Status/ Completion	
	<p>Records from the University of the Philippines Diliman begin on page 2.</p> <p>Entrance credential shows enrolment in:</p> <p>University of the Philippines Manila</p> <p>1st Semester, 2001-2002</p> <p>2nd Semester, 2001-2002</p> <p>1st Semester, 2002-2003</p> <p>2nd Semester, 2002-2003</p> <p>A certified true copy of the official transcript of records from the above school is attached as page 4.</p>			

Remarks

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional; 5.0 - Fail; Drp - Dropped; Inc - Incomplete.

*Only for colleges and units officially adopting these additional grades.

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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Encoded by mlAbella Date 1/29/08
Checked by ECCabrera Date 1/31/08
Updated by Date 2-14-08
Printed by jcadiz Date 2/11/08
Issued by Date MAR 17 2008

PAMELA C. CONSTANTINO, Ph. D.
University Registrar

UNIVERSITY OF THE PHILIPPINES DILIMAN
OFFICE OF THE UNIVERSITY REGISTRAROFFICIAL TRANSCRIPT OF RECORDS
(Revised October 1994)Name SALAPARE, HERNANDO III SIYStudent No. 01-02699

		Grades		Credits
Course Number	DESCRIPTIVE TITLE OF THE COURSE	Final	Re-examination/Completion	
COLLEGE OF SCIENCE /				
<u>1st Semester, 2003-2004 /</u>				
Anthro 182	Culture and Personality	1.25		3
Geog 1	Places and Landscapes in a Changing World	1.25		3
Geology 11.1	Laboratory in Principles of Geology	1.25		1
Math 53	Elementary Analysis I	2.25		5
Pan Pil 50	Panitikang Makabayan	1.75		3
<u>2nd Semester, 2003-2004</u>				
Anthro 118	Prehistory of the Philippines	1.5		3
Math 54	Elementary Analysis II	2.25		5
Physics 10	Physics and Astronomy for Pedestrians	1.25		3
Physics 101	Fundamental Physics I	2.75		4
Physics 101.1	Fundamental Physics I Laboratory	2.5		1
<u>Summer, 2004</u>				
Math 55	Elementary Analysis III	2.5		3
<u>1st Semester, 2004-2005</u>				
Chem 16	General Chemistry I	2		5
Math 121.1	Elementary Differential Equations	2.75		3
MBB 10	Introduction to Molecular Biology	1.25		2
Physics 102	Fundamental Physics II	3		4
Physics 102.1	Fundamental Physics II Laboratory	1.5		1
Physics 111	Mathematical Physics I	2.5		3
<u>2nd Semester, 2004-2005</u>				
Chem 1	Chemistry: Science that Matters	1		3
Chem 17	General Chemistry II	5	5	-
Physics 103	Fundamental Physics III	4	No Grade	- 3
Physics 103.1	Fundamental Physics III Laboratory	1.5		1
Physics 112	Mathematical Physics II	3		3
<u>Summer, 2005</u>				
Physics 103	Fundamental Physics III	3		4
<u>1st Semester, 2005-2006</u>				
Chem 17	General Chemistry II	2		5
Physics 104	Modern Physics I	4	3	4
Physics 113	Mathematical Physics III	3		3
Physics 121	Theoretical Mechanics I	2		3
Physics 131	Electromagnetic Theory I	2.5		3
<u>2nd Semester, 2005-2006</u>				
A Physics 155	Computer Methods in Physics	2.5		4
A Physics 181	Physical Electronics I	1.5		4
Physics 132	Electromagnetic Theory II	3		3

Remarks

continued on page 3

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional; 5.0 - Fail; Drp - Dropped; Inc - Incomplete.
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 Checked by LCCabrera Date 1/31/08
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 Issued by _____ Date MAR 17 2008

Pamela C. Constantino
PAMELA C. CONSTANTINO, Ph.D.
 University Registrar

Name SALAPARE, HERNANDO III SIY

Student No. 01-02699

		Grades		Credits
Course Number	DESCRIPTIVE TITLE OF THE COURSE	Final	Re-examination/Completion	
<u>2nd Semester, 2005-2006</u> (cont'n)				
Physics 141	Quantum Physics I	3		3
Physics 151	Statistical Physics I	2.5		3
<u>Summer, 2006</u>				
P I 100	The Life and Works of Jose Rizal	2		3
<u>1st Semester, 2006-2007</u>				
A Physics 156	Computer Methods in Physics II	1		4
A Physics 173	Solid State Physics	2.75		3
A Physics 182	Physical Electronics II	1.25		4
A Physics 199	Undergraduate Research	Pass		3
Physics 165	Optical Physics I	1.5		3
Physics 191	Experimental Physics I	1.25		4
<u>2nd Semester, 2006-2007</u>				
A Physics 183	Control Systems Approach to Physics Modeling	2.5		3
A Physics 185	Instrumentation Physics I	1.5		4
Biology 11	Fundamentals of Biology I	2.25		5
Physics 135	Introductory Plasma Physics	1		3
Physics 166	Optical Physics II	1		3
Physics 192	Experimental Physics II	1		3
<u>1st Semester, 2007-2008</u>				
A Physics 186	Instrumentation Physics II	1.75		4
A Physics 187	Photonics and Applied Optics	1		4
A Physics 200	Undergraduate Thesis	Pass		3
Physics 104.1	Modern Physics I Laboratory	1		1
Physics 161	Introductory Laser Physics	3		3
Physics 196	Undergraduate Seminar	1		1
Graduated with the degree of BACHELOR OF SCIENCE IN APPLIED PHYSICS on November 2, 2007.				
<u>GRADUATE PROGRAM</u>				
<u>2nd Semester, 2007-2008</u>				
Physics 142	Quantum Physics II	In Progress		
Physics 251	Statistical Mechanics I			
Physics 290	Graduate Colloquium			
Physics 305	Special Topics in Theoretical Physics			
NO ENTRY FOLLOWS				

NO ENTRY FOLLOWS

Remarks

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional; 5.0 - Fail; Drp - Dropped; Inc - Incomplete.
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Printed by jcadiz Date 2/11/08
Issued by _____ Date MAR 17 2008

p. constantino
PAMELA C. CONSTANTINO, Ph.D.
University Registrar

University of the Philippines System
UNIVERSITY OF THE PHILIPPINES MANILA
Office of the University Registrar

OFFICIAL TRANSCRIPT OF RECORD
(Revised March 1981)

Entrance Data
Date/Semester admitted 1st Sem. 2001-2002
Category High School Graduate
Diploma/Title/Degree X-X-X-X-X
High School/College Makati Science High Sch.
Date graduated/last attended SY 2000-2001
NCEE Rating _____ Year Taken _____
S. O. No.: _____ Date _____

Name SALAPARE, HERNANDO III SIY
Student No. 2001-02699 Sex Male
Date & Place of Birth March 4, 1984 / Tigaon, Camarines Sur
Father's Name Hernando Salapare
Mother's Name Ana Siy
Degree/Title/Course X-X-X-X-X
Major X-X-X-X-X
Date graduated X-X-X-X-X

COLLEGIATE RECORD

COLLEGIATE RECORD		Grades		Credits
Course Number	DESCRIPTIVE TITLE OF THE COURSE	Final	Reexamination/Completion	
<u>COLLEGE OF PHARMACY</u>				
<u>1st Semester, 2001-2002</u>				
Math 17	Algebra and Trigonometry	1.50		5
Geo 11	Principles of Geology	1.75		3
Bot 11	General Botany	2.25		5
Comm I	Communication Skills	2.25		3
Hist I	Philippine History	1.50		3
P.E. 1	Foundations of Physical Fitness	1.50		(2)
Military Science 11		2.75		(1.5)
<u>2nd Semester, 2001-2002</u>				
Math 101	Elementary Statistics	2.50		3
Chem 14	Fundamentals of General Chemistry I	2.50		3
Chem 14.1	Fundamentals of General Chemistry I lab.	2.00		1
Comm II	Communication Skills	1.75		3
Hist II	Asia and the World	2.50		3
Soc Sci I	Foundations of Behavioral Sciences	2.50		3
Pharm 21	Elementary Pharmaceutical Technology	3.00		3
P.E. 2	Karate	1.25		(2)
Military Science 12		2.50		(1.5)
<u>COLLEGE OF ARTS AND SCIENCES</u>				
<u>1st Semester, 2002-2003</u>				
P.E. 2	Philippine Games	1.25		(2)
Philo I	Philosophical Analysis	1.75		3
Physics 51.1	General Physics I lab.	1.25		1
Physics 51	General Physics I	2.00		3
Comm III	Speech Communication	1.50		3
Hum I	Literature, Society and Individual	2.00		3
CMSC 10	Introduction to Internet	2.00		1
CMSC 11	Introduction to Computer Science	4.00	3.00	3
<u>2nd Semester, 2002-2003</u>				
CMSC 21	Fundamentals of Programming	2.75		3
CMSC 55	Discrete Mathematical Structures in Comp.Sci.	2.75		5
Math 73	Fundamentals of Analysis I	2.00		3
Physics 52	General Physics II	2.25		3
Physics 52.1	General Physics II Lab.	2.25		1
P.E. 2	Basketball	2.25		(2)
CERTIFIED TRUE COPY OF THE ORIGINAL				

CERTIFIED TRUE COPY OF THE ORIGINAL

PAMELA C. CONSTANTINO, Ph.D.

Remarks Cleared as of May 30, 2003

UNIVERSITY REGISTRAR

UNIVERSITY OF THE PHILIPPINES DILIMAN

Grading System: 1—Excellent; 1.5—Very good; 2—Good; 2.5—Satisfactory; 3—Pass; 4—Conditional failure; 5—Failure; Inc.—Incomplete.

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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Typed by: J. CLAUDIO Date: 7-9-2003
Checked by: [Signature] Date: 7/9/03
Issued by: [Signature] Date: 7-18-03

[Signature]
POLICARPIA M. MAGPILI, MPH, PTRP
University Registrar

**GRADUATE OFFICE
COLLEGE OF SCIENCE**
University of the Philippines
Diliman, Quezon City
Tel no. 981-8500 local 3803; Telefax 924-7674

TRUE COPY OF GRADES

PABELIÑA, KAREL G.

Student No.: **02-53868**

Course: **MS Physics**

Taken at College of Science

2nd Semester, 2007-08

	Grade	Re-exam	Units
Phys 141	3.0		3
Phys 290	P		1
Phys 305	1.25		3
No entry follows			

Taken at College of Science

1st Semester, 2008-09

	Grade	Re-exam	Units
Phys 221	2.25		3
Phys 231	4.0		--
Phys 290	P		1
Phys 295	1.0		3
No entry follows			

Taken at College of Science

2nd Semester, 2008-09

	Grade	Re-exam	Units
Phys 151	2.0		3
Phys 142	2.25		3
MSE 298	1.25		3
Phys 296	1.0		1
No entry follows			

Taken at College of Science

1st Semester, 2009-2010

	Grade	Re-exam	Units
Phys 231	1.25		3
Phys 241	2.25		3
Phys 300 (Thesis)	P		6
Phys 210.1	P		2
No entry follows			

Taken at College of Science

2nd Semester, 2009-2010

	Grade	Re-exam	Units
Phys 251	2.5		3
Phys 232	1.5		3
Phys 242	1.5		3
Phys 210.2	P		3
No entry follows			

Taken at College of Science

Summer, 2010

Residence

Remarks:

Candidate for Graduation
Summer, 2010

Prepared by: *[Signature]*
Date: 05 July 2010

Certified True Copy:

NOTED BY:

[Signature]
RONALD S. BANZON, Ph.D.
Associate Dean for Academic Affairs

[Signature]
Student Records Evaluator II
Date: 05 July 2010



Entrance Data: Name SALAPARE, HERNANDO III SIY
Student No. 01-02699 / Sex Male
Date/Semester admitted 1st Semester, 2003-2004 Date & Place of Birth March 4, 1984; Camarines Sur
Category Transfer Student Father's Name Hernando Salapare, Sr.
Diploma/Title/Degree Mother's Name Ana Siy
High School/College University of the Philippines Manila Degree/Title/Course BACHELOR OF SCIENCE IN
Date graduated/last attended 2nd Semester, 2002-2003 APPLIED PHYSICS and MASTER OF SCIENCE
NCEE Rating _____ Year Taken _____ Major Physics
S.O. No.: _____ Date _____ Date Graduated November 2, 2007 & April 25, 2010,
respectively.

COLLEGIATE RECORD

Course Number	DESCRIPTIVE TITLE OF THE COURSE	Grades		Credits
		Final	Rescore student Completion	
	<p>Records from the University of the Philippines Diliman begin on page 2.</p> <p>Entrance credential shows enrolment in:</p> <p><u>University of the Philippines Manila</u> , 1st Semester, 2001-2002 2nd Semester, 2001-2002 1st Semester, 2002-2003 2nd Semester, 2002-2003</p> <p>A certified true copy of the official transcript of records from the above school is attached as page 5.</p>			

Remarks

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional; 5.0 - Fail; Drp - Dropped; Inc - Incomplete.
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Checked by ECCabrera Date 1/31/08 ess 5.29.2010
Updated by _____ Date _____
Printed by jeadiz Date 5/31/2010
Issued by _____ Date JUN 03 2010

Pamela C. Constantino
PAMELA C. CONSTANTINO, Ph.D.
University Registrar

UNIVERSITY OF THE PHILIPPINES DILIMAN
OFFICE OF THE UNIVERSITY REGISTRAROFFICIAL TRANSCRIPT OF RECORDS
(Revised October 1994)Name SALAPARE, HERNANDO III SIYStudent No. 01-02699 /

Course Number	DESCRIPTIVE TITLE OF THE COURSE	Grades		Credits
		Final	Revised notation/Completion	
COLLEGE OF SCIENCE				
1st Semester, 2003-2004				
Anthro 182	Culture and Personality	1.25		3
Geog 1	Places and Landscapes in a Changing World	1.25		3
Geology 11.1	Laboratory in Principles of Geology	1.25		1
Math 53	Elementary Analysis I	2.25		5
Pan Pil 50	Panitikang Makabayan	1.75		3
2nd Semester, 2003-2004				
Anthro 118	Prehistory of the Philippines	1.5		3
Math 54	Elementary Analysis II	2.25		5
Physics 10	Physics and Astronomy for Pedestrians	1.25		3
Physics 101	Fundamental Physics I	2.75		4
Physics 101.1	Fundamental Physics I Laboratory	2.5		1
Summer, 2004				
Math 55	Elementary Analysis III	2.5		3
1st Semester, 2004-2005				
Chem 16	General Chemistry I	2		5
Math 121.1	Elementary Differential Equations	2.75		3
MBB 10	Introduction to Molecular Biology	1.25		2
Physics 102	Fundamental Physics II	3		4
Physics 102.1	Fundamental Physics II Laboratory	1.5		1
Physics 111	Mathematical Physics I	2.5		3
2nd Semester, 2004-2005				
Chem 1	Chemistry: Science that Matters	1		3
Chem 17	General Chemistry II	5		-
Physics 103	Fundamental Physics III	4	No Grade	-
Physics 103.1	Fundamental Physics III Laboratory	1.5		1
Physics 112	Mathematical Physics II	3		3
Summer, 2005				
Physics 103	Fundamental Physics III	3		4
1st Semester, 2005-2006				
Chem 17	General Chemistry II	2		5
Physics 104	Modern Physics I	4	3	4
Physics 113	Mathematical Physics III	3		3
Physics 121	Theoretical Mechanics I	2		3
Physics 131	Electromagnetic Theory I	2.5		3
2nd Semester, 2005-2006				
A Physics 155	Computer Methods in Physics	2.5		4

Remarks continued on page 3

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional;
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Encoded by mfAbella Date 1/29/08
Checked by ECCabrera Date 1/31/08
Updated by _____ Date _____
Printed by jeadiz Date 5/31/2010
Issued by _____ Date JUN 03 2010

Pamela C. Constantino
PAMELA C. CONSTANTINO, Ph.D.
University Registrar

Name SALAPARE, HERNANDO III SIYStudent No. 01-02699

Course Number	DESCRIPTIVE TITLE OF THE COURSE	Grades		Credits
		Final	Re-examination/Completion	
<u>2nd Semester, 2005-2006</u> (cont'n)				
A Physics 181	Physical Electronics I	1.5		4
Physics 132	Electromagnetic Theory II	3		3
Physics 141	Quantum Physics I	3		3
Physics 151	Statistical Physics I	2.5		3
<u>Summer, 2006</u>				
P I 100	The Life and Works of Jose Rizal	2		3
<u>1st Semester, 2006-2007</u>				
A Physics 156	Computer Methods in Physics II	1		4
A Physics 173	Solid State Physics	2.75		3
A Physics 182	Physical Electronics II	1.25		4
A Physics 199	Undergraduate Research	Pass		3
Physics 165	Optical Physics I	1.5		3
Physics 191	Experimental Physics I	1.25		4
<u>2nd Semester, 2006-2007</u>				
A Physics 183	Control Systems Approach to Physics Modeling	2.5		3
A Physics 185	Instrumentation Physics I	1.5		4
Biology 11	Fundamentals of Biology I	2.25		5
Physics 135	Introductory Plasma Physics	1		3
Physics 166	Optical Physics II	1		3
Physics 192	Experimental Physics II	1		3
<u>1st Semester, 2007-2008</u>				
A Physics 186	Instrumentation Physics II	1.75		4
A Physics 187	Photonics and Applied Optics	1		4
A Physics 200	Undergraduate Thesis	Pass		3
Physics 104.1	Modern Physics I Laboratory	1		1
Physics 161	Introductory Laser Physics	3		3
Physics 196	Undergraduate Seminar	1		1
Graduated with the degree of BACHELOR OF SCIENCE IN APPLIED PHYSICS on November 2, 2007.				
<u>MASTER'S PROGRAM</u>				
<u>2nd Semester, 2007-2008</u>				
Physics 142	Quantum Physics II	1.75		3
Physics 251	Statistical Mechanics I	2.5		3
Physics 290	Graduate Colloquium	Pass		1
Physics 305	Special Topics in Theoretical Physics	1.25		3

Remarks

Continued on page 4

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional; 5.0 - Fail; Drp - Dropped; Inc - Incomplete.
*Only for colleges and units officially adopting these additional grades.

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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Encoded by mfAbella Date 1/29/08
Checked by EC Cabrera Date 1/31/08 ess 5.29.2010
Updated by _____ Date _____
Printed by icadiz Date 5/31/2010
Issued by _____ Date JUN 03 2010

Pamela C. Constantino
PAMELA C. CONSTANTINO, Ph.D.
University Registrar

Name SALAPAStudent No. 01-02699

Course Number	DESCRIPTIVE TITLE OF THE COURSE	Grades		Credits
		Final	Resumi nation/ Completion	
<u>1st Semester, 2008-2009</u>				
Physics 221	Classical Dynamics I	2.25		3
Physics 241	Quantum Mechanics I	1.5		3
Physics 295	Experimental Methods of Plasma Physics	1		3
<u>2nd Semester, 2008-2009</u>				
MSE 298	Special Problems	1		3
Physics 242	Quantum Mechanics II	2		3
Physics 290	Graduate Colloquium	Pass		1
Physics 296	Graduate Seminar	1		1
<u>Summer, 2009</u>				
Residence				
<u>1st Semester, 2009-2010</u>				
Physics 231	Classical Electrodynamics I	1.25		3
Physics 300	MS Thesis	Pass		6
<u>2nd Semester, 2009-2010</u>				
Physics 232	Classical Electrodynamics II	1.25		3
NO ENTRY FOLLOWS "Thesis Title: Bacterial Adhesion Performance of Poly (Tetrafluorethylene) After Surface Modification Using Hydrogen and Oxygen Low-Energy Gas Discharges". -Graduated with the degree of MASTER OF SCIENCE (Physics) on April 25, 2010.-				

Remarks

Cleared - May 24, 2010

Grading System: 1.0 - Excellent; 1.25*-1.5 - Very Good; 1.75*-2.0 - Good; 2.25*-2.5 - Satisfactory; 2.75*-3.0 - Pass; 4.0 - Conditional;
 5.0 - Fail; Drp - Dropped; Inc - Incomplete.
 *Only for colleges and units officially adopting these additional grades.

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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Encoded by J. Salapang Date 5/28/10
 Checked by essonza Date 5.29.2010
 Updated by W. G. G. G. Date 6/1/10
 Printed by jeadiz Date 5/31/2010
 Issued by JUN 03 2010

Pamela C. Constantino
 PAMELA C. CONSTANTINO, Ph.D.
 University Registrar

University of the Philippines System
 CITY OF THE PHILIPPINES MANILA
 Office of the University Registrar

OFFICIAL TRANSCRIPT OF RECORD
 (Revised March 1981)

Name SALAPARE, HERNANDO III SIY
 Student No. 001-02699 Sex Male
 Date & Place of Birth March 4, 1984 / Tigaon, Camarines Sur
 Father's Name Hernando Salapare
 Mother's Name Ana Siy
 Degree/Title/Course x-x-x-x-x
 Major x-x-x-x-x
 Date graduated x-x-x-x-x

Entrance Data
 Date/Semester admitted 1st Sem. 2001-2002
 Category High School Graduate
 Diploma/Title/Degree x-x-x-x-x
 High School/College Makati Science High Sch.
 Date graduated/last attended SY 2000-2001
 NCEE Rating _____ Year Taken _____
 S. O. No.: _____ Date _____

COLLEGIATE RECORD

COLLEGIATE RECORD		Grades		Credits
Course Number	DESCRIPTIVE TITLE OF THE COURSE	Final	Reexami- nation/ Completion	
<u>COLLEGE OF PHARMACY</u>				
1st Semester, 2001-2002				
Math 17	Algebra and Trigonometry	1.50		5
Geo 11	Principles of Geology	1.75		3
Bot 11	General Botany	2.25		5
Comm I	Communication Skills	2.25		3
Hist I	Philippine History	1.50		3
P.E. 1	Foundations of Physical Fitness	1.50		(2)
Military Science 11		2.75		(1.5)
2nd Semester, 2001-2002 :				
Math 101	Elementary Statistics	2.50		3
Chem 14	Fundamentals of General Chemistry I	2.50		3
Chem 14.1	Fundamentals of General Chemistry I lab.	2.00		1
Comm II	Communication Skills	1.75		3
Hist II	Asia and the World	2.50		3
Soc Sci I	Foundations of Behavioral Sciences	2.50		3
Pharm 21	Elementary Pharmaceutical Technology	3.00		3
P.E. 2	Karate	1.25		(2)
Military Science 12		2.50		(1.5)
<u>COLLEGE OF ARTS AND SCIENCES</u>				
1st Semester, 2002-2003				
P.E. 2	Philippine Games	1.25		(2)
Philo I	Philosophical Analysis	1.75		3
Physics 51.1	General Physics I lab.	1.25		1
Physics 51	General Physics I	2.00		3
Comm III	Speech Communication	1.50		3
Hum I	Literature, Society and Individual	2.00		3
CMSC 10	Introduction to Internet	2.00		1
CMSC 11	Introduction to Computer Science	4.00	3.00	3
2nd Semester, 2002-2003				
CMSC 21	Fundamentals of Programming	2.75		3
CMSC 55	Discrete Mathematical Structures in Comp.Sci.	2.75		5
Math 73	Fundamentals of Analysis I	2.00		3
Physics 52	General Physics II	2.25		3
Physics 52.1	General Physics II Lab.	2.25		1
P.E. 2	Basketball	2.25		(2)

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CERTIFIED TRUE COPY OF THE ORIGINAL

Remarks Cleared as of May 30, 2003

PAMELA C. CONSTANTINO, Ph. D.
 University Registrar

University of the Philippines Diliman

Grading System: 1-Excellent; 1.5-Very good; 2-Good; 2.5-Satisfactory; 3-Pass; 4-Conditional failure; 5-Failure; Inc.-Incomplete.

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 16 to 17 weeks. In all courses, two and a half to three hours of laboratory work, and, in technical courses, three hours of drafting or shop work, are regarded as the equivalent of one hour of recitation or lecture.

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Typed by: J. CLAUDIO Date: 7-9-2003
 Checked by: [Signature] Date: 7/9/03
 Issued by: [Signature] Date: 7-15-03

POICARPIA M. MAGPILI, MPH, PTRP
 University Registrar

**GRADUATE OFFICE
COLLEGE OF SCIENCE**
University of the Philippines
Diliman, Quezon City
Tel no. 981-8500 local 3803; Telefax 924-7674

TRUE COPY OF GRADES

SALAPARE, HERNANDO III S.

Student No.: **01-02699**

Course: **MS Physics**

Taken at College of Science

2 nd Semester, 2007-08	Grade	Re-exam	Units
Phys 142	1.75		3
Phys 251	2.5		3
Phys 290	P		1
Phys 305	1.25		3
No entry follows			

Taken at College of Science

1 st Semester, 2008-09	Grade	Re-exam	Units
Phys 295	1.0		3
Phys 241	1.5		3
Phys 221	2.25		3
No entry follows			

Taken at College of Science

2 nd Semester, 2008-09	Grade	Re-exam	Units
Phys 242	2.0		3
Phys 290	P		1
MSE 298	1.0		3
Phys 296	1.0		1
No entry follows			

Taken at College of Science

Summer, 2009
Residence

Taken at College of Science

1 st Semester, 2009-2010	Grade	Re-exam	Units
Phys 231	1.25		3
Phys 300 (Thesis)	P		6
No entry follows			

Taken at College of Science

2 nd Semester, 2009-2010	Grade	Re-exam	Units
Phys 232	1.25		3
No entry follows			

Remarks:

Candidate for Graduation
Second Semester,
2009-2010

Prepared by: *Precy*
Date: April 22, 2010

Certified True Copy:

NOTED BY:

Ronald S. Banzon
RONALD S. BANZON, Ph.D.

Associate Dean for Academic Affairs

for *deon*
Student Records Evaluator II
Date: April 22, 2010

GRADUATE OFFICE
COLLEGE OF SCIENCE
University of the Philippines
Diliman, Quezon City
Tel no. 981-8500 local 3803; Telefax 924-7674

TRUE COPY OF GRADES

SALAPARE, HERNANDO III S.

Student No.: **01-02699**

Course: **MS Physics**

Taken at College of Science

2 nd Semester, 2007-08	Grade	Re-exam	Units
Phys 142	1.75		3
Phys 251	2.5		3
Phys 290	P		1
Phys 305	1.25		3
No entry follows			

Taken at College of Science

1 st Semester, 2008-09	Grade	Re-exam	Units
Phys 295	1.0		3
Phys 241	1.5		3
Phys 221	2.25		3
No entry follows			

Taken at College of Science

2 nd Semester, 2008-09	Grade	Re-exam	Units
Phys 242	2.0		3
Phys 290	P		1
MSE 298	1.0		3
Phys 296	1.0		1
No entry follows			

Taken at College of Science

Summer 2009
Residence

Taken at College of Science

1 st Sem. 2009-10	Grade	Re-exam	Units
Phys 231	1.25		3
Phys 300- Thesis			
No entry follows			

Remarks:

Not valid
Without
Dry Seal

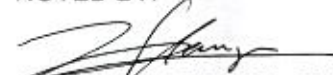
Prepared by: Ivy

Date: 4 November 2009

Certified True Copy:


IVY A. MARTIREZ
Student Records Evaluator II

NOTED BY:


RONALD S. BANZON, Ph.D.
Associate Dean for Academic Affairs



NATIONAL INSTITUTE OF PHYSICS
COLLEGE OF SCIENCE

University of the Philippines
Diliman, Quezon City 1101 Metro-Manila

Tel. No. (632) 920-9749

Fax. No. (632) 928-0296

NAME: Hernando S. Salapare III
Previous Degree: BS App Physics – NIP

PROGRAM OF STUDY

DEGREE SOUGHT: Master of Science
MAJOR: Physics

AY 2008-2009

Course No.		Units
Phys. 241	Quantum Mechanics I	3
Phys. 221	Classical Dynamics I	3
Phys. 295	Experimental Plasma Physics	3
		9

Course No.		Units
Phys. 242	Quantum Mechanics II	3
MSE 298	Plasma Chemistry	3
Phys. 290	Graduate Colloquium	1
Phys. 296	Graduate Seminar	1
		8

AY 2009-2010

Course No.		Units
Phys. 300	Masteral Thesis	6
Phys. 231	Classical Electrodynamics I	3
		9

Course No.		Units
Phys. 232	Classical Electrodynamics II	3
		3*

Notes:

- (1) *Final semester isider loaded because Mr. Salapare is exempted from taking the 3 units of Physics teaching & he already earned 7 graduate units [Physics 251 (3 units), Physics 290 (1 unit), Physics 305 units)] during the 2nd Semester of AY 2007-2008.
- (2) Thesis defense will be conducted after passing all the core courses.
- (3) The thesis option does not include the comprehensive examination.

PREPARED BY:


DR. HENRY J. RAMOS
Program Adviser/Thesis Adviser

GRADUATE OFFICE
COLLEGE OF SCIENCE
University of the Philippines
Diliman, Quezon City
Tel no. 981-8500 local 3803; Telefax 924-7674

TRUE COPY OF GRADES

SALAPARE, HERNANDO III S.

Student No.: **01-02699**

Course: **MS Physics**

Taken at College of Science

2nd Semester, 2007-08

	Grade	Re-exam	Units
Phys 142	1.75		3
Phys 251	2.5		3
Phys 290	P		1
Phys 305	1.25		3
No entry follows			

Taken at College of Science

1st Semester, 2008-09

	Grade	Re-exam	Units
Phys 295	1.0		3
Phys 241	1.5		3
Phys 221	2.25		3
No entry follows			

Taken at College of Science

2nd Semester, 2008-09

	Grade	Re-exam	Units
Phys 242	2.0		3
Phys 290	P		1
MSE 298	1.0		3
Phys 296	1.0		1
No entry follows			

Taken at

1st Semester

NO ENTRY

Remarks:

Not valid
Without
Dry Seal

Prepared by: **Gigi**

Date: 14 April 2009

Certified True Copy:

Ivy A. Martirez
IVY A. MARTIREZ

Student Records Evaluator II

NOTED BY:


RONALD S. BANZON, Ph.D.
Associate Dean for Academic Affairs



NATIONAL INSTITUTE OF PHYSICS

COLLEGE OF SCIENCE
University of the Philippines
Diliman, Quezon City 1101 Metro-Manila

Tel. No. (632) 920-9749

Fax. No. (632) 928-0296



PROGRAM OF STUDY

NAME: Hernando S. Salapare III
Previous Degree: BS App Physics – NIP

DEGREE SOUGHT: Master of Science
MAJOR: Physics

AY 2008-2009

Course No.		Units
Phys. 241	Quantum Mechanics I	3
Phys. 221	Classical Dynamics I	3
Phys. 295	Experimental Plasma Physics	3
		9

Course No.		Units
Phys. 242	Quantum Mechanics II	3
MSE 298	Plasma Chemistry	3
Phys. 290	Graduate Colloquium	1
Phys. 296	Graduate Seminar	1
		8

AY 2009-2010


Course No.		Units
Phys. 300	Masteral Thesis	6
Phys. 231	Classical Electrodynamics I	3
		9


Course No.		Units
Phys. 232	Classical Electrodynamics II	3
	Graduate Elective	3
	*Optional Graduate Elective	(3)
		*6 or 9

Notes:

- (1) *Additional graduate elective is optional since Mr. Salapare is exempted from taking the 3 units of Physics teaching.
- (2) Thesis defense will be conducted after passing all the core courses.
- (3) The thesis option does not include the comprehensive examination.

PREPARED BY:


DR. HENRY J. RAMOS
Program Adviser/Thesis Co-Adviser


DR. GENE Q. BLANTOCAS
Thesis Adviser

**GRADUATE OFFICE
COLLEGE OF SCIENCE**
University of the Philippines
Diliman, Quezon City
Tel no. 981-8500 local 3803; Telefax 924-7674

TRUE COPY OF GRADES

SALAPARE, HERNANDO III S.

Student No.: **01-02699**

Course: **MS Physics**

Taken at College of Science

2nd Semester, 2007-08

	Grade	Re-exam	Units
Phys 142	1.75		3
Phys 251	2.5		3
Phys 290	P		1
Phys 305	1.25		3

No entry follows

Taken at College of Science

1st Semester, 2008-09

	Grade	Re-exam	Units
Phys 295	1.0		3
Phys 241	1.5		3
Phys 221	2.25		3

No entry follows

Remarks:

Not valid
Without
Dry Seal

Prepared by: **Gigi**

Date: 30 October 2008

Certified True Copy:

Ivy A. Martirez
IVY A. MARTIREZ

Student Records Evaluator II

NOTED BY:

Ronald S. Banzon
RONALD S. BANZON, PH.D.

Associate Dean for Academic Affairs



NATIONAL INSTITUTE OF PHYSICS

COLLEGE OF SCIENCE

University of the Philippines

Diliman, Quezon City 1101 Metro-Manila

Tel. No. (632) 920-9749

Fax. No. (632) 928-0296



PROGRAM OF STUDY

NAME: Hernando Salapare III
Previous Degree: BS App. Physics -NIP

DEGREE SOUGHT: Master of Science
MAJOR: Physics

YEAR I

1st Semester

Course No.		Units
Phys. 241	Quantum Mechanics I	3
Phys. 221	Classical Dynamics I	3
Phys. 295	Experimental Plasma Physics	3
		9

2nd Semester

Course No.		Units
Phys. 242	Quantum Mechanics II	3
MSE 298	Plasma Chemistry	3
MSE 298	Plasma Chemistry	3
Phys. 290	Graduate Colloquium	(1)
Phys. 296	Graduate Seminar	(1)
		8

1st Semester


Course No.		Units
Phys. 300	Masteral Thesis	(3)
Phys. 305	Graduate Elective	3
Phys. 231	Classical Electrodynamics I	3
		9

YEAR II

2nd Semester

Course No.		Units
Phys. 300	Masteral Thesis	(3)
Phys. 232	Classical Electrodynamics II	3
Phys. 305	Graduate Elective	3
		9

PREPARED BY:


DR. HENRY J. RAMOS
Program Adviser



NATIONAL INSTITUTE OF PHYSICS

COLLEGE OF SCIENCE

University of the Philippines

Diliman, Quezon City 1101 Metro-Manila

Tel. No. (632) 920-9749

Fax. No. (632) 928-0296



PROGRAM OF STUDY

NAME: Hernando S. Salapare III
Previous Degree: BS App Physics – NIP

DEGREE SOUGHT: Master of Science
MAJOR: Physics

AY 2008-2009

Course No.	Units
Phys. 241 Quantum Mechanics I	3
Phys. 221 Classical Dynamics I	3
Phys. 295 Experimental Plasma Physics	3
	9

Course No.	Units
Phys. 242 Quantum Mechanics II	3
Phys. 305 Special Topics in Theoretical Physics	3
Phys. 290 Graduate Colloquium	(1)
Graduate Elective	3

AY 2009-2010

Course No.	Units
Phys. 300 Master's Thesis	(3)
Phys. 305 Special Topics in Theoretical Physics	3
Phys. 231 Classical Electrodynamics I	3
	9

Course No.	Units
Phys. 300 Master's Thesis	(3)
Phys. 296 Graduate Seminar	(1)
Phys. 232 Classical Electrodynamics II	3
Physics Teaching	(2)
	9

APPROVED BY:

DR. HENRY J. RAMOS
Program Adviser

180-723