



University of the Philippines Los Baños
Graduate School

Certificate of Completion

ANATOLIO NAROLLO POLINAR

has completed all requirements for the degree of

DOCTOR OF PHILOSOPHY IN FORESTRY
(Silviculture and Forest Influences) with cognate
in Environmental Science on 20 January 2016.


JOSE V. CAMACHO, JR.

Dean

725
201 fl



UNIVERSITY OF THE PHILIPPINES LOS BAÑOS
GRADUATE SCHOOL
 College, Laguna

TRUE COPY OF GRADES

Student Number : 200896461
 Student Name : ANATOLIO NAROLLO POLINAR
 Program : Doctor of Philosophy in Forestry: Silviculture and Forest Influences
 Cognate(s) : Environmental Science

TERM	COURSES TAKEN	COURSE TITLE	FINAL GRADE	COMPLETION GRADES	UNIT(S)	REMARKS
1st Semester 2008-2009	ENS 275	Contemporary Issues in Environment and Development	1.50		3	
	SFI 221	Advanced Nursery and Plantation Techniques	1.25		3	
	SFI 223	Advanced Silviculture	1.00		3	
	SFI 271	Advanced Silvics	1.50		3	
2nd Semester 2008-2009	ENS 201	Ecosystem Structure and Dynamics	1.50		3	
	ENS 220	Institution and the Environment	1.25		3	
	FRM 167	Experimental Designs in Forestry Research	1.50		3	
	SFI 290	Special Problems	1.75		3	
Summer 2009	ENS 296	Environmental Impact Assessment: Perspectives from the Natural and Social Sciences	1.00		4	
1st Semester 2009-2010	FOR 400	Doctoral Dissertation	S		3	
	SFI 201	Advanced Forest Soils	1.50		3	
	SFI 299	Graduate Seminar	S		1	
2nd Semester 2009-2010	FOR 400	Doctoral Dissertation	S		3	
1st Semester 2010-2011	FOR 400	Doctoral Dissertation	S		3	
2nd Semester 2010-2011	FOR 400	Doctoral Dissertation	S		3	
Summer 2011	FOR 400	Doctoral Dissertation	S		1	
1st Semester 2011-2012	FOR 400	Doctoral Dissertation	S		1	
2nd Semester 2011-2012	FOR 400	Doctoral Dissertation	S		1	
Summer 2012	FOR 400	Doctoral Dissertation	S		1	
1st Semester 2012-2013	FOR 400	Doctoral Dissertation	S		1	
2nd Semester 2012-2013	FOR 400	Doctoral Dissertation	S		1	
Summer 2013	FOR 400	Doctoral Dissertation	S		12	
1st Semester 2013-2014	FOR 400	Doctoral Dissertation	S		1	
2nd Semester 2013-2014	FOR 400	Doctoral Dissertation	S		1	
Summer 2014	FOR 400	Doctoral Dissertation	S		1	
1st Semester 2014-2015	FOR 400	Doctoral Dissertation	S		1	
Midyear Term 2015	FOR 400	Doctoral Dissertation	S		1	
1st Semester 2015-2016	FOR 400	Doctoral Dissertation	1.75		12	

END OF LIST

Grading System: 1 - Excellent; 1.5 - Very Good; 2 - Good; 2.5 - Satisfactory; 3 - Passed; 4 - Conditional Failure; 5 - Failed
 S - Satisfactory; U - Unsatisfactory; Inc - Incomplete; Drp - Dropped; NG - No Grade



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Program : Doctor of Philosophy in Forestry: Silviculture and Forest Influences
Cognate(s) : Environmental Science

TGU (Total Grade x Unit): 63.25

TU (Total Units): 43.00

GWA (General Weighted Average) = TGU/TU

GWA: 1.4709

FOR EVALUATION PURPOSES ONLY

Certified Correct: 
LESLIE G. BOLANOS
SRE II

Grading System: 1 - Excellent; 1.5 - Very Good; 2 - Good; 2.5 - Satisfactory; 3 - Passed; 4 - Conditional Failure; 5 - Failed
S - Satisfactory; U - Unsatisfactory; Inc - Incomplete; Dnp - Dropped; NG - No Grade



LEYTE STATE UNIVERSITY

MAIN CAMPUS

ViSCA, Baybay, Leyte 6521-A

Philippines

OFFICIAL TRANSCRIPT OF RECORDS

121

Students Name

POLINAR

Last Name

ANATOLIO

First Name

NAROLLO

Middle Name

Student No. 861076

PERSONAL	EDUCATIONAL
	Elementary: Bontoc Central School Bontoc, So. Leyte
	Secondary: S.L.A.F.T.I. Bontoc, So. Leyte
	Tertiary: Visayas State College of Agric. Baybay, Leyte
ENTRANCE CREDENTIALS TO COLLEGE	
Name and Address of School	
T.C.	
TOR	Visayas State College of Agric. Baybay, Leyte
PERMIT	
OTHER UPDATED INFORMATION:	
Graduated on April 2, 2002 with the degree of Master of Science (M.S.), major in Agricultural Extension, as per LSU Board of Regents Resolution No. 7, S. 2002, dated February 8, 2002.	

PERSONAL DATA

Sex: Male

Religion: Roman Catholic

Citizenship: Filipino

Date of Birth: November 20, 1968

Place of Birth: Bontoc, So. Leyte

Civil Status: Single

Home Address:
Sto. Niño
Bontoc, So. Leyte

Parents:
Father: Bernabe G. Polinar
Mother: Iluminada N. Polinar

Parents Address:
Sto. Niño
Bontoc, So. Leyte

Guardian:

Guardians Address:

Note: This transcript of record is considered original when it bears the seal of the College and the original signature of the Registrar.
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School



LEYTE STATE UNIVERSITY

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OFFICIAL TRANSCRIPT OF RECORDS

Name : POLINAR, ANATOLIO NAROLLO
Course: Master of Science (M.S.)

Student No.: 861076

VISAYAS STATE COLLEGE OF AGRICULTURE, Baybay, Leyte
Graduated on April 26, 1990 with the degree of Bachelor of
Science in Forestry (BSF) as per VisCA BOT Res.No. 16, s.1990
dated April 30, 1990.

LEYTE STATE UNIVERSITY (LSU), Visca, Baybay, Leyte

Course No	Descriptive Title	Grade	Credits
-----	-----	-----	-----
	Extramural Program: School Year 1996-1997		
AGDEV201	RURAL DEV'T. THEORIES & APPROACHES	1.50	3
AGDEV202	PROB. & ISSUES IN AGRIC. & RURAL DEV'T	1.50	3
AGEX217	TEACHING FARMER CLASSES IN AGRIC.	1.25	3
AGEX233	COMMUNICATION IN EXTENSION	1.25	3
	Second Semester, SY 1997-1998		
EDUC134	TESTS MEASUREMENTS AND EVALUATION	1.25	3
	Extramural Program: School Year 1997-1998		
AGED145	PRIN. & METHODS OF TEACHING AGRIC.	Inc. 1.75	3
AGEX215	RURAL SOCIAL SYSTEMS	Inc. 1.50	3
AGEX218	EXTENSION STRATEGIES FOR RURAL DEV.	Inc. 1.50	3
AGEX234	PARA-PROFESSIONALS IN ADULT EDUC.	Inc. 1.50	3
AGEX244	EVALUATION IN ADULT EDUCATION	Inc. 1.25	3
	First Semester, SY 1998-1999		
STAT221	SOCIAL SCIENCE STATISTICS	Inc. 1.75	3
	Second Semester, SY 1998-1999		
AGEX299	GRADUATE SEMINAR	S	In Progress
AGEX300	MASTER'S THESIS	S	In Progress
	Extramural Program: School Year 1998-1999		
ADE 222	SOCIAL SCIENCE RESEARCH	Inc. 1.50	3
AGED241	NON-FORMAL EDUC. IN AGRICULTURE	Inc. 1.25	3
	First Semester, SY 1999-2000		
AGEX300	MASTER'S THESIS	S	In Progress
EDUC121	PRINCIPLES OF EDUCATION	2.25	3
EDUC122	EDUCATIONAL PSYCHOLOGY	1.50	3
	Second Semester, SY 1999-2000		
AGEX300	MASTER'S THESIS	S	In Progress
	First Semester, SY 2000-2001		
AGEX300	MASTER'S THESIS	S	In Progress
	Second Semester, SY 2000-2001		
AGEX300	MASTER'S THESIS	S	In Progress
	First Semester, SY 2001-2002		
AGEX300	MASTER'S THESIS	S	In Progress
	Second Semester, SY 2001-2002		
AGEX299	GRADUATE SEMINAR	1.25	1

-< Continued on next page >-

Grading System:

1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory;
2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure; INC Incomplete; DR Dropped; S Satisfactory;
US Unsatisfactory; Audit

Note: This transcript is considered original when it bears the seal of the University and the original signature of the Registrar.
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REMARKS : _____

Date Issued : _____

School
Seal

LINDA N. MARISCAL
Registrar



LEYTE STATE UNIVERSITY

MAIN CAMPUS • Visca, Baybay, Leyte • 6521-A • Philippines

OFFICIAL TRANSCRIPT OF RECORDS

119

Name : POLINAR, ANATOLIO NAROLLO
Course: Master of Science (M.S.)

Student No.: 861076

LEYTE STATE UNIVERSITY (LSU), Visca, Baybay, Leyte

Course No	Descriptive Title	Grade	Credits
-----	-----	-----	-----
AGEX300	Second Semester, SY 2001-2002 MASTER'S THESIS	1.50	6

Thesis:

FACTORS AFFECTING THE ADOPTION OF TREE CONSERVATION
PRACTICES AMONG UPLAND FARMERS IN SOUTHERN, LEYTE

Graduated on April 2, 2002 with the degree of Master of Science (M.S)
major in Agricultural Extension
as per LSU Board of Regents Resolution No. 07
s. 2002 dated February 8, 2002.

ANY ENTRY BELOW THIS LINE IS NULL AND VOID

Grading System:

1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory;
2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure; INC Incomplete; DR Dropped; S Satisfactory;
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REMARKS :

FOR EVALUATION

Date Issued :

JAN 29 2003

Zeugnis über die Masterprüfung

Herr **Anatolio Narollo Polinar**,
geboren am **20.11.1968**.....in **Sto Nino, Philippinen**
hat die Masterprüfung im Studiengang Forstwissenschaften und Waldökologie,
Studienschwerpunkt „**Tropical and International Forestry**“,
mit der Gesamtnote **2,0 = gut** bestanden.

Fachprüfungen im Pflichtbereich (Gewichtungsfaktor 0,4)

Beurteilungen

Forest ecology and tropical silviculture.....	1,0 = sehr gut
International forest economics.....	2,3 = gut
Biometric data analysis and forest dynamics.....	2,1 = gut
Forest inventory.....	2,7 = befriedigend
Forest development policy	1,5 = sehr gut
Ecopedology of the tropics and subtropics.....	3,0 = befriedigend
Project planning, management and evaluation	2,7 = befriedigend
Forest utilization and wood processing.....	3,6 = ausreichend

Fachprüfungen im Wahlpflichtbereich (Gewichtungsfaktor 0,2)

Forest genetics and plantation forestry.....	1,7 = gut
Tropical dendrology and wood science.....	1,0 = sehr gut
Nature conservation and wildlife management.....	3,0 = befriedigend
Forestry in Germany.....	2,7 = befriedigend
Physiology and biotechnology of trees and fungi.....	2,7 = befriedigend
Forest protection and agroforestry	2,0 = gut
Multidisciplinary research in tropical production systems.....	1,7 = gut

Fachprüfungen im Wahlbereich

Bioclimatology and global change.....	3,0 = befriedigend
---------------------------------------	--------------------

Projektarbeit (Gewichtungsfaktor 0,1)..... 2,0 = gut

über das Thema:

„Managing sustainable forestry systems (in Germany)“

Masterarbeit (Gewichtungsfaktor 0,3)..... 1,6 = gut

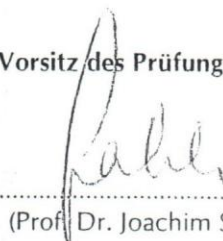
über das Thema:

„Diversity and structure of tree species in Leyte State University (LSU)
forest reservation, Philippines“

Göttingen, den 13.10.2004

Notenstufen: sehr gut, gut, befriedigend, ausreichend

Vorsitz des Prüfungsausschusses



(Prof. Dr. Joachim Saborowski)

Student's Name

POLINAR ANATOLIO Narollo Student No.: 860176

(Last Name) (First Name) (Middle Name)

PERSONAL



PERSONAL DATA

Sex: Male

Religion: Roman Catholic

Citizenship: Filipino

Date of Birth: November 20, 1968

Place of Birth: Bontoc, So. Leyte

Civil Status: Single

Home Address: Sto. Niño, Bontoc, So. Leyte

Parents:

Father: Bernabe G. Polinar

Mother: Iluminada N. Polinar

Parent's Address: Sto. Niño, Bontoc, So. Leyte

Guardian:

Guardian's Address:

EDUCATIONAL

Elementary:	Bontoc Central School Bontoc, Southern Leyte	
Secondary:	Southern Leyte Agro-Fishery Technical Institute, Bontoc, Southern Leyte	
Curriculum Year	Name and Address of School	School Year
1st	Bontoc National Agric'l and Fishery School, Bontoc, So. Leyte	1981-82
2nd	-do-	1982-83
3rd	Southern Leyte Agro-Fishery Technical Institute, Bontoc, Southern Leyte	1983-84
4th	-do-	1984-85

ENTRANCE CREDENTIALS TO COLLEGE

	Name of School
Form 138	Southern Leyte Agro-Fishery Technical Institute, Bontoc, Southern Leyte
T.C	
T.O.R.	
PERMIT	
NCEE SCORE	62%(1984)

OTHER UPDATED INFORMATION:

Graduated on April 26, 1990 with the degree of Bachelor of Science in Forestry (BSF) as per VISCA Board of Trustees Resolution No. 16, s. 1990 dated April 30, 1990.

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School Seal

LINDA N. MARISCAL
Registrar

OFFICIAL TRANSCRIPT OF RECORD

860176 POLINAR, ANATOLIO N. BSF 1
 FIRST SEMESTER, SY 1986-1987 Grade Credits
 BIO 11 GENERAL BIOLOGY 2.00 4.0
 CMT 11 FIRST YEAR BASIC COURSE 1.50 1.5
 ENGL 11 COMMUNICATION SKILLS I 2.50 3.0
 MATH 10 BASIC COLLEGE MATHEMATICS 2.25 3.0
 PHYED11 PHYSICAL FITNESS AND GYMNASTICS 1.50 2.0
 PSYC 11 GENERAL PSYCHOLOGY 1.50 3.0
 SCSC 13 SOCIO-ECONOMIC SYSTEMS 1.75 3.0
 SPAN 11 COMMUNICATION SKILLS I 2.00 3.0
 NCEE SCORE: 62.00 (1984)

860176 POLINAR, ANATOLIO N. BSF 1
 SECOND SEMESTER, SY 1986-1987 Grade Credits
 CHEM 11 GENERAL CHEMISTRY I 1.75 4
 CMT 12 FIRST YEAR BASIC COURSE 2.00 1.5
 ENGL 12 COMMUNICATION SKILLS II Inc. 1.75 3
 HUM 11 INTRODUCTION TO HUMANITIES 2.00 3
 MATH 11 COLLEGE ALGEBRA 2.00 3
 PHYED12 RECREATIONAL GAMES AND RHYTHMIC ACT. 2.00 2
 SOCI 11 GENERAL SOCIOLOGY 1.25 3
 SPAN 12 COMMUNICATION SKILLS II 2.50 3

860176 POLINAR, ANATOLIO N. BSF 1
 SUMMER 1987 Grade Credits
 MATH 21 PLANE TRIGONOMETRY 2.00 4
 PHYS 11 GENERAL PHYSICS 2.00 4

860176 POLINAR, ANATOLIO N. BSF 2
 FIRST SEMESTER, SY 1987-1988 Grade Credits
 CMT 21 SECOND YEAR BASIC COURSE 1.75 1.5
 FBS 21 DENDROLOGY I 1.25 3
 FBS 111 FOREST ECOLOGY 1.75 3
 FRM 22 INTRODUCTION TO FORESTRY 1.00 2
 FRM 27 NURSERY & PLANTATION ESTABLISHMENT 1.25 3
 PHYED13 TEAM SPORTS 2.00 2.0
 SPCH 11 SPEECH COMMUNICATION 1.75 3
 STAT 21 ELEMENTARY STATISTICS 1.75 3
 WST 21 WOOD IDENTIFICATION 1.75 3

860176 POLINAR, ANATOLIO N. BSF 2
 SECOND SEMESTER, SY 1987-1988 Grade Credits
 AE 121F FUNDAMENTALS OF SURVEYING 1.75 3
 CMT 22 SECOND YEAR BASIC COURSE 1.75 1.5
 FBS 22 DENDROLOGY II 1.00 3
 FRM 23 FOREST LAWS AND ADMINISTRATION 1.00 3
 FRM 24 FUNDAMENTALS OF FOREST PROTECTION 1.00 2
 FRM 25 FOREST CONSTRUCTION & IMPROVEMENT 1.50 3
 MATH 22 PLANE TRIGONOMETRY 2.75 3
 PHYED14 INDIVIDUAL-DUAL SPORTS 1.75 2.0
 SS 22 FUNDAMENTALS OF SOIL SCIENCE 2.00 3

(CONTINUED ON PAGE THREE)

Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50; Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure, Incomplete; Dropped; Audit In Progress

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REMARKS:

Date Issued:

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 Registrar



VISAYAS STATE COLLEGE OF AGRICULTURE

ViSCA, Baybay, Leyte 7127-A

Philippines

OFFICIAL TRANSCRIPT OF RECORD

860176	POLINAR, ANATOLIO N.	BSF	2		
	SUMMER 1988		Grade		Credits
SCSC 11N	LIFE AND WORKS OF RIZAL		Inc.	1.25	3
SCSC 12N	PHILIPPINE HISTORY AND INSTITUTION		1.75		3
SPAN 13	READING & LITERATURE I		1.25		3
860176	POLINAR, ANATOLIO N.	BSF	4		
	FIRST SEMESTER, SY 1988-1989		Grade		Credits
FRM 21	TECHNICAL DRAWING		1.25		1
FRM 26	FOREST MENSURATION		1.75		3
FRM 115	FOREST ECONOMICS AND FINANCE		1.75		3
FRM 131	FOREST POLICY		2.25		3
FRM 135	FOREST ORGANIZATION & MGT. PLANNING		1.25		3
PHYS 21N	COLLEGE PHYSICS		2.25		3
SCSC 14	PHIL.SOC.PROBS., LAND REFORM & TAXN		1.25		3
WST 111	FOREST PRODUCTS		1.75		3
860176	POLINAR, ANATOLIO N.	BSF	3		
	SECOND SEMESTER, SY 1988-1989		Grade		Credits
AGEX132N	PRIN., METHODS & STRATEGIES IN EXTN		Inc.	1.75	3
BOT 21	GENERAL BOTANY		2.50		3
ENGL 13	WRITING SCIENTIFIC PAPER		1.75		3
FBS 131	TREE PHYSIOLOGY		2.00		3
FRM 111	TIMBER HARVESTING		2.00		3
FRM 113	SILVICULTURAL SYSTEM		1.50		3
WST 112	LUMBER MANUFACTURE AND GRADING		1.50		3
860176	POLINAR, ANATOLIO N.	BSF	3		
	SUMMER 1989		Grade		Credits
FS 200A	FOREST FIELD PRACTICE		1.25		6
860176	POLINAR, ANATOLIO N.	BSF	8		
	FIRST SEMESTER, SY 1989-1990		Grade		Credits
CHEM 21	GENERAL CHEMISTRY II		2.75		3
FBS 141	FOREST PEST CONTROL I		2.00		3
FEX 141	FORESTRY EXTENSION & INFORMATION		1.50		3
FRM 141	AERIAL PHOTO-INTERPRETATION		2.75		3
MATH 23	ANALYTIC GEOMETRY		1.50		3
WST 141	WOOD PHYSICS & MECHANICS		2.25		3
ZOO 21	GENERAL ZOOLOGY		1.75		3
860176	POLINAR, ANATOLIO N.	BSF	4		
	SECOND SEMESTER, SY 1989-1990		Grade		Credits
FBS 142	FOREST PEST CONTROL II		1.50		3
FRM 142	TIMBER MANAGEMENT		1.75		3
FRM 145	WATERSHED MANAGEMENT		2.50		3
FRM 146	FOREST RANGE MANAGEMENT		1.25		3
FS 121	FUNDAMENTALS OF FARMING SYSTEMS		1.50		3
FS 199	UNDERGRADUATE SEMINAR		3.00		1
SPAN 14	READING & LITERATURE II		1.75		3
IST 142	WOOD PRESERVATION		2.50		3
Graduated on April 26, 1990 with the degree of					
Bachelor of Science in Forestry (BSF)					
as per ViSCA Board of Trustees Resolution No. 16, s. 1990					
dated April 30, 1990.					

ANY ENTRY BELOW THIS LINE IS NULL AND VOID

Grading System: 1.00 Excellent; 1.25 Highly Outstanding; 1.50 Outstanding; 1.75 Very Good; 2.00 Good; 2.25 Very Satisfactory; 2.50 Satisfactory; 2.75 Fair; 3.00 Passing; 5.00 Failure, Incomplete; Dropped; Audit; Satisfactory; Unsatisfactory

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MARKS:

Issued: SEP 18 2001

school

LINDA M. MARISCAT