

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Anthropology/Sociology of Education)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

Course Number	Course Title	Prerequisites	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
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Major Courses 18 units

EDFD 321	Anthroethnography in Education	EDFD 221/ 225/ 331/ COI	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/ equiv	3					
EDFD 332	Education in Plural Societies	EDFD 221/ 225/ 331/COI	3					

Any two of the following:

EDFD 225	Educational Anthropology		3					
EDFD 325	Special Topics in Anthropology of Education	EDFD 225/ COI	3					
EDFD 335	Special Topics in Sociology & Education	EDFD 331	3					

Any one of the following:

Anthro. 292	Seminar in Anthropological Theory		3					
Socio 293	Seminar in Sociological Theory (UP Catalogue 1996-1997)	COI	3					

RESEARCH.....6 units

EDRE 302	Research Seminar in Education	COI	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					

EDUCATIONAL FOUNDATIONS.....6 units

EDFD 302	Seminar in the Psychology of Human Learning	EDFD 301	3					
EDFD 341	Seminar in Philosophy of Philippine Education	EDFD 241/equiv	3					

ELECTIVES.....3-6 units

Graduate course in Education outside the major

			3					
			3					

COGNATES.....9 units

Nine units in **ONE** (1) area from the CSSP and Asian Center: (Anthropology for those with concentration in Anthropology of Education; Sociology for those with concentration in Sociology of Education)

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)**DOCTORAL DISSERTATION (EDUC. 400).....12 units****Total Number of Units54-57 units**

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

NOTE: PLEASE FOLLOW YOUR PROGRAM OF STUDY. ALWAYS CONSULT YOUR ADVISER.**CONFORME:**

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Name & Signature of Student_____
Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Biology Education)**

(Approved in the 116th UC meeting on December 13, 2010) (Effective 1st Semester 2011-2012)

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....9 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
Required								
EDSC 310	History & Philosophy of Science and Technology Education	COI	3					
EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	COI	3					
EDSC 313	Research Seminar in Science Education	COI	3					

12 units of the following 12 units

EDSC 350	Advanced Topics in Biology for Teachers	COI	3					
Bio 210	Advanced Systematics	Bio 191/COI	3					
Bio 220	Chemical Physiology	Bio 121/122/COI	3					
Bio 224	Stress Physiology	Bio 121, 122/equivs.	3					
Bio 234	Developmental Morphology of Vascular Plants	Bio 133/equiv.	3					
Bio 230	Differentiation in Embryonic Systems	Bio 133/equiv./COI	3					
Bio 240	Advanced Genetics	Bio 140/equiv.	3					
Bio 241	Advanced Molecular Genetics	COI	3					
Bio 250	Advanced Cell and Molecular Biology	Bio 150	3					
Bio 260	Advanced Ecology	Bio 160/COI	3					
Bio 262	Freshwater Ecology	Bio 160/COI	3					
Bio 263	Terrestrial Ecology	Bio 160/COI	3					
Bio 265	Advanced Biogeography	Bio 160/equiv.	3					
Microbiology 217	Principle of Microbial Taxonomy	COI	3					

RESEARCH.....6 units

6 units of the following:

EDRE 361	Advanced Data Analysis	EDRE 261	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					
EDRE 316	Qualitative Evaluation in Education	EDRE 203	3					

EDUCATIONAL FOUNDATIONS.....3 units

			3					
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ELECTIVES.....6 units

			3					
			3					

COGNATES.....6 units

SIX (6) units of 200-level courses in **one** of the following fields: Biology, Molecular Biology and Biotechnology, Physics, Chemistry, Mathematics, Statistics, Marine Biology or*graduate courses in the following areas: Educational Technology, Educational Research and Evaluation.

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)**DOCTORAL DISSERTATION (EDUC. 400)12 units****Total Number of Units 54 units**

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student_____
Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

DOCTOR OF PHILOSOPHY IN EDUCATION

(Chemistry Education)

(Approved in the 116th UC meeting on December 13, 2010)

(Effective 1st Semester 2011-2012)

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's and MA degrees): _____

A. MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDSC 310	History & Philosophy of Science and Technology Education	COI	3					
EDSC 311	Seminar on Curriculum Design & Instruction for Science Education	COI	3					
EDSC 313	Research Seminar in Science Education	COI	3					

12 units of the following:

EDSC 360	Advanced Topics in Chemistry for Teachers	COI	3					
Chem 203	Environmental Chemistry		3					
Chem 211	Systematic Inorganic Chemistry	Chem 112, 156/COI	3					
Chem 220	Instrumental Methods of Analysis	Chem 123/COI	3					
Chem 223	Theoretical Analytical Chemistry	Chem 123/COI	3					
Chem 230	Physical Organic Chemistry	Chem 154, 34/COI	3					
Chem 231	Polymer Chemistry	Chem 230/COI	3					
Chem 239	Natural Products Chemistry	Chem 230/COI	3					
Chem 240	Advanced Biochemistry	Chem 146/COI	3					
Chem 247	Molecular Biochemistry	Chem 240/COI	3					
Chem 250	Chemical Thermodynamics I	Chem 153/COI	3					
Chem 257	Chemical Kinetics	Chem 154/COI	3					

RESEARCH (6 units of the following).....6 units

EDRE 361	Advanced Data Analysis	EDRE 261	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/ Equiv	3					
EDRE 316	Qualitative Evaluation in Education	EDRE 203	3					

EDUCATIONAL FOUNDATIONS.....3 units

			3					
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ELECTIVES.....6 units

			3					
			3					

Ph.D.Educ. (Chemistry Education)

COGNATES..... 6 units

Six (6) units of 200-level courses in **one** of the following fields: Biology, Chemistry, Physics, Meteorology , Statistics or 300-level courses in the following areas: Science Education, Educational Research & Evaluation

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total No. of Units 54 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

NOTE: PLEASE FOLLOW YOUR PROGRAM OF STUDY. ALWAYS CONSULT YOUR ADVISER.

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY
DOCTOR OF PHILOSOPHY IN EDUCATION
(Curriculum Studies)

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....18 – 21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDCS 301	Foundations of Curriculum Studies	COI	3					

Choose one (1) of the following:

EDCS 302	Seminar in Curriculum Studies	COI	3					
EDCS 308	Analysis of Curriculum Models Across Disciplines	COI	3					

Choose any three (3) courses of the following:

EDCS 303	Curriculum Planning	EDCS 211	3					
EDCS 311	Seminar in Designing Curriculum and Instruction		3					
EDCS 305	Curriculum Implementation	COI	3					
EDCS 306	Curriculum Evaluation	COI	3					
EDCS 307	Instructional Evaluation	EDCS 221/COI	3					
**EDCS 211	Curriculum Theory and Development		3					

Choose any one (1) course of the following

EDUC 380	Seminar in College Teaching	GS/COI	3					
EDUC 390	Independent Study		3					
EDFD 342	Seminar in Philippine Education		3					
EDUC 382	Professional Laboratory Experiences in Education		3					

RESEARCH.....6 units

EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					
EDRE 317	Advanced Educational Evaluation	EDRE 217/COI	3					
EDUC 385	Research Colloquium		Non-credit					

EDUCATIONAL FOUNDATIONS.....6 units

Choose any two (2) courses from the following:

EDFD 302	Seminar in the Psychology of Human Learning	EDFD 301	3					
EDFD 341	Seminar in Philosophy of Philippine Education	EDFD 241/equiv	3					
EDFD 335 or	Special Topics in Sociology and Education	EDFD 331	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					

**Those who have taken this in their Master's degree need not take it again.

Program of Study – page 2**Ph.D.Educ. (Curriculum Studies)****ELECTIVES.....3-6 units****Any two (2) of the following:**

EDRE 261	Data Analysis		3					
EDRE 361	Advance Data Analysis	EDRE 261	3					
EDRE 316	Qualitative Evaluation in Education	EDRE 203	3					

Other courses in their major field**COGNATES.....9 units**

Any 200 level course (not more than 9 units or higher level courses from: Asian Center, College of Arts & Letters, College of Business Administration, College of Home Economics, College of Social Work and Community Development, School of Labor and Industrial Relations, National College of Public Administration & Governance, College of Social Science and Philosophy or **graduate courses in the College of Education in the following areas: Language Education, Science Education, Special Education, Reading Education, Research & Evaluation. (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)**DOCTORAL DISSERTATION (EDUC. 400).....12 units****Total Number of Units 54-57 units**

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student_____
Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Educational Administration)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDAD 341	Field Project	Completion of 12 units in the doctoral program including EDAD 310	3					

And any six of the following:

EDAD 302	Problems and Issues in Education and National Development		3					
EDAD 306	Seminar in Legal Problems and Issues in Education		3					
EDAD 310	Seminar in Educational Planning	EDAD 202/ COI	3					
EDAD 311	Seminar in Management Controls of Educational Institutions	EDAD 231	3					
EDAD 312	Comparative Educational Administration	EDAD 211	3					
EDAD 318	Seminar: Management of Educational Institutions/Systems		3					
EDAD 331	Seminar: Economics of Education		3					
EDAD 350	Seminar: Advanced Administrative Thought Applied to Education		3					
EDAD 351	Seminar: Advanced Policy Analysis Applied to Education		3					

RESEARCH.....6 units

EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					
EDAD 379	Research Seminar: Educational Management	Completion of 12 units in the doctoral program including EDAD 310	3					

EDUCATIONAL FOUNDATIONS.....3 units

(Any 3-unit subject (300-level course) preferably Philosophy of Education)

			3					
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Program of Study – page 2
PhD. Educ. (Educational Administration)

ELECTIVE 3 units
(One 3-unit subject of the student's choice in the College of Education)

			3					
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COGNATES.....6 units

SIX (6) units (**one area in any of these basic disciplines**): Anthropology, Economics, Philosophy, Political Science, Psychology and Sociology) or** courses in the College of Education in the following areas: Research and Evaluation, Curriculum Studies, Educational Psychology. (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units 51 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		LORELEI R. VINLUAN
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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 Name & Signature of Student

 Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Guidance)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....19 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDCO 301	Epistemology of Guidance		3					
EDCO 302	Seminar in Guidance	EDRE 201	3					
EDCO 303	Individual Testing		3					
EDCO 304	Counseling Practicum		3					
EDCO 351	Research Seminar in Guidance	EDCO 251/equiv	3					
EDCO 370	Internship in Student Development Services & Guidance Intervention Programs	EDCO PhD core, skills courses	4					

RESEARCH.....6 units

EDRE 302	Research Seminar in Education	COI	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					

EDUCATIONAL FOUNDATIONS.....3 units

Either one of the following:

EDFD 341	Seminar in Philosophy of Philippine Education	EDFD 241/equiv	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					

ELECTIVES.....6 units

			3					
			3					

COGNATES.....6 units

Suggested areas: Anthropology, Family Life and Child Development, Industrial Relations, Philippine Studies, Psychology, Public Administration, Social Work, Sociology

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units53 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		LORELEI R. VINLUAN
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Language Education)**

Student's Name: _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDL 301	Seminar: Grammar of Contemporary English/Filipino for Teachers		3					
EDL 305	Seminar: Theory and Practice of Language Acquisition in Bilingual Education	GS	3					
EDL 321	Seminar: Issues and Trends in Language Teaching	GS	3					
EDL 331	Seminar: Language Across the Curriculum	EDL 305	3					
EDL 341	Oral and Written Discourse in Language Education	GS	3					
EDL 351	Practicum: Development of Instructional Materials and Evaluation Instruments in Language Teaching		3					
EDL 361	Seminar: Instructional Management of Bilingual Education Programs	GS	3					

RESEARCH.....6 units

EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					
EDL 371	Research Colloquium in Applied Linguistics	GS	3					

EDUCATIONAL FOUNDATIONS.....6 units

EDFD 341	Seminar in Philosophy of Philippine Education	EDFD 241/equiv	3					
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OR

EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					
EDFD 302	Seminar in the Psychology of Human Learning	EDFD 301	3					

Program of Study – page 2
PhD. Educ. (Language Education)

COGNATES.....9 units

Any THREE (3) graduate subjects (**9 units**) in Linguistics, Speech and Drama, Mass Comm., English Studies Comparative Literature, Filipino or ****graduate** courses in the College of Education in the following areas: Reading Education, Curriculum Studies, Educational Administration, Educational Technology. (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					
			3					

ELECTIVES.....6 units

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units60 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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 Name & Signature of Student

 Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Educational Psychology)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisites	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDFD 301	Ecology of Human Development & Learning	EDFD 210/COI	3					
EDFD 302	Seminar in the Psychology of Human Learning	EDFD 301	3					
EDFD 303	Motivation in Education	EDFD 301/COI	3					
EDRE 346	Test & Scale Development	One course in statistics	3					
Psych. 248	Behavior Modification I	Psych 140/ written COI	3					

Any 6 units of the following:

EDFD 317	Selected Topics in Educational Psychology	COI	3					
EDFD 318	Seminar: Research in Educational Psychology	EDFD 317/ COI	3					
EDUC 382	Professional Laboratory Experiences in Education		3					
Psych. 252	Theories of Personality	COI	3					
Psych. 341	Seminar in Learning	COI	3					

RESEARCH.....6 units

EDRE 302	Research Seminar in Education	COI	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					

EDUCATIONAL FOUNDATIONS.....6 units

EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					
EDFD 341	Seminar in Philosophy of Philippine Education	EDFD 241/equiv	3					

ELECTIVES.....3-6 units

			3					
			3					

Program of Study – page 2

Ph.D.Educ. (Educational Psychology)

COGNATES.....9 units

NINE (9) units in **one** of the following areas: Anthropology, Social Work, Psychology and Sociology field, which will complement or enrich the major courses, or ******courses in the College of Education in the following areas: Guidance, Educational Administration, Curriculum Studies. (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400).....12 units

Total Number of Units..... 57-60 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

NOTE: PLEASE FOLLOW YOUR PROGRAM OF STUDY. ALWAYS CONSULT YOUR ADVISER.

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Reading Education)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES18-21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDR 305	Theoretical Models of Reading		3					
EDR 315	Program Development in Reading Education	EDR 305	3					
EDR 335	Assessment of Reading Abilities	EDR 305	3					

Choice of 3-4 of the following:

EDR 306	The Psychology of Writing	EDL 341/COI	3					
EDR 326	Seminar on Children's Literature Across Cultures		3					
EDR 330	Writing for Reading Education	COI	3					
EDR 356	The Reading Clinic	EDR 335	3					
EDR 241	Construction of Reading Tests	EDR 201, 210	3					
EDR 255	Alternative Literacy Programs	COI	3					
EDAD 223	Supervision of Instruction: Theory and Practice		3					
EDL 341	Oral and Written Discourse in Language Education	GS	3					

RESEARCH.....6 units

EDR 360	Research Colloquium in Reading Education	COI	3					
EDRE 331	Seminar in Advanced Statistics as Applied to Education	EDRE 231/equiv.	3					

EDUCATIONAL FOUNDATIONS.....6 units

Any two of the following:

EDFD 202	Cognitive Learning	EDFD 116/COI	3					
EDFD 301	Ecology of Human Development and Learning	EDFD 210/COI	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					

Program of Study – page 2**Ph.D.Educ. (Reading Education)****ELECTIVES.....6 units**

			3					
			3					

COGNATES.....9 units

Any NINE (9) units of graduate courses in any one of the following areas: Psychology, Linguistics, English Studies, Mass Communication, Filipino or ****graduate courses in the College of Education in any of the following areas: Language Education, Educational Foundation, Guidance, Research and Evaluation.** (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)**DOCTORAL DISSERTATION (EDUC. 400)12 units****Total Number of Units57-60 units**

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

NOTE: PLEASE FOLLOW YOUR PROGRAM OF STUDY. ALWAYS CONSULT YOUR ADVISER.

CONFORME:

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Research and Evaluation)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDRE 301	Advanced Research Design	COI	3					
EDRE 316	Qualitative Evaluation in Education	*EDRE 203	3					
EDRE 317	Advanced Educational Evaluation	EDRE 217/COI	3					
EDRE 346	Test and Scale Development	One course in statistics	3					
EDRE 361	Advanced Data Analysis	EDRE 261	3					
EDRE 371	Special Topics in Research and Evaluation	COI	3					
EDRE 375	Practicum in Research and Evaluation	EDRE 346	3					

RESEARCH.....6 units

EDRE 302	Research Seminar in Education	COI	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv.	3					

EDUCATIONAL FOUNDATIONS.....3-6 units

			3					
			3					

ELECTIVE.....3 units

			3					
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***EDRE 203 has a prerequisite: **EDRE 201/EDUC 293**

****EDRE 201 has a prerequisite: EDRE 101/ EQUIV**

Program of Study – Page 2

Ph.D. Educ. (Research & Evaluation)

COGNATES.....9 units

Any **NINE** (9) units of graduate courses in Psychology, Statistics or Computer

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units54-57 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		LORELEI R. VINLUAN
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Educational History and Philosophy)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....9 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDFD 341	Seminar in Philosophy of Philippine Education	EDFD 241/ equiv	3					
EDFD 342	Seminar in Philippine Education		3					
EDFD 359	Seminar on Special Problems in Philosophy of Education	EDFD 341	3					

RESEARCH.....6 units

EDRE 302	Research Seminar in Education	COI	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					

EDUCATIONAL FOUNDATIONS.....6 units

EDFD 301 OR	Ecology of Human Development & Learning OR	EDFD 210/COI	3					
EDFD 302	Seminar in the Psychology of Human Learning	EDFD 301	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					

ELECTIVES.....3-6 units

Any graduate Education course or

*EDUC 390	Independent Study		3					
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*(May be taken for a total of 6 units; each time enrolled with 2 units credit)

OR

EDRE 261	Data Analysis		3					
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PhD. Educ. (Educational History & Philosophy)

COGNATES.....9 units

Philosophy courses to be taken in the College of Social Sciences and Philosophy

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units 45 - 48 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

DOCTOR OF PHILOSOPHY IN EDUCATION

(Mathematics Education)

(Approved in the 116th UC meeting on December 13, 2010)

(Effective 1st Semester 2011-2012)

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisites	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
Required								
EDSC 310	History and Philosophy of Science & Technology Education	COI	3					
EDSC 311	Seminar on Curriculum Design & Instruction for Science Education	COI	3					
EDSC 313	Research Seminar in Science Education	COI	3					
Math 210.1	Modern Algebra I	COI	3					
Math 202.1 or Math 202.2	Analysis I Analysis II	COI Math 202.1	3					
Math 249 or Math 240 or Math 241	Selected Topics in Geometry & Topology Geometric Crystallography Hyperbolic Geometry	COI Math 210.1/equiv Math 210.1/equiv	3					

3 units of any of the following:

EDSC 320	Advanced Topics in Math for Teachers	COI	3					
Math 202.2	Analysis II	Math 202.1/COI	3					
Math 203 or Math 211 (one only)	Matrices and Applications Linear Algebra	COI Math 110.2/ 114/ COI						
Math 220.1	Theory of Functions of a Real Variable I	Math 123.1, COI	3					
Math 258	Combinatorial Mathematics	COI	3					
Math 280	Linear Programming	Math 114, 180.2						
Math 297	Special Topics	COI						

RESEARCH.....6 units

6 units of the following:

EDRE 361	Advanced Data Analysis	EDRE 261	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					
EDRE 316	Qualitative Evaluation in Education	EDRE 203	3					

PhD. Educ. (Mathematics Education)

EDUCATIONAL FOUNDATIONS.....3 units

			3					
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ELECTIVES.....6 units

			3					
			3					

COGNATES.....6 units

SIX (6) units of graduate courses in **one** of the following fields: Mathematics, Physics, Statistics, Educational Technology, Educational Research & Evaluation.

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units54 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

NOTE: PLEASE FOLLOW YOUR PROGRAM OF STUDY. ALWAYS CONSULT YOUR ADVISER.

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Name & Signature of Student

Date

PROGRAM OF STUDY

DOCTOR OF PHILOSOPHY IN EDUCATION

(Physics Education)

(Approved in the 116th UC meeting on December 13, 2010)

(Effective 1st Semester 2011-2012)

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's and MA degrees): _____

MAJOR COURSES.....21 units

Course Number	Course Title	Prerequisite	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
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Required

EDSC 310	History and Philosophy of Science & Technology Education	COI	3					
EDSC 311	Seminar on Curriculum Design and Instruction for Science Education	COI	3					
EDSC 313	Research Seminar in Science Education	COI	3					

12 units of the following:

EDSC 370	Advanced Topics in Physics for Teachers	COI	3					
Physics 201	Foundations of Mathematical Physics	COI	3					
Physics 202.1	Foundations of Mechanics I	COI	3					
Physics 202.2	Foundations of Mechanics II	Physics 202.1	3					
Physics 203.1	Foundations of Electromagnetism I	COI	3					
Physics 203.2	Foundations of Electromagnetism II	Physics 203.1	3					
Physics 204.1	Foundations of Modern Physics I	COI	4					
Physics 204.2	Foundations of Modern Physics II	Physics 204.1	3					
Physics 205	Foundations of Statistical Physics	Physics 202.1	3					
Physics 206.5	Foundations of Optics	Physics 203.2	3					
Physics 209.1	Foundations of Experimental Physics I	Physics 208	4					
Physics 211	Mathematical Methods of Physics I	Physics 113 / equiv.	3					
Physics 212	Mathematical Methods of Physics II	Physics 113 / equiv.	3					

RESEARCH (6 units of the following).....6 units

EDRE 361	Advanced Data Analysis	EDRE 261	3					
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/ equiv	3					
EDRE 316	Qualitative Evaluation in Education	EDRE 203	3					

EDUCATIONAL FOUNDATIONS.....3 units

			3					
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Ph.D.Educ. (Physics Education)

ELECTIVES.....6 units

			3					
			3					

COGNATES6 units

SIX (6) units of graduate courses in **one** of the following fields: Mathematics, Chemistry, Physics, Meteorology, Statistics, Educational Research & Evaluation.

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400)12 units

Total Number of Units..... 54 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
Name & Signature of Student	Name & Signature of Program Adviser	EDWEHNA ELINORE S. PADERNA Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student

Date

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Social Studies Education)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....18-21 units

Course Number	Course Title	Prerequisites	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDSSE 331	Social Studies in the Elementary School		3					
EDSSE 332	Social Studies in the Secondary Schools		3					
EDSSE 336	Instructional Procedures in Secondary Economics and Geography		3					
EDUC 382	Professional Laboratory Experiences in Education		3					
EDUC 383	Practicum: Preparation of Instructional Materials	GS	3					

Any 6 units of the following:

Geog. 301	Environmental Geography		3					
Kas. 328	Seminar on Contemporary Philippines		3					
Kas. 297	Teaching of History in the Tertiary Level: Theory and Practice		3					

RESEARCH.....6 units

EDRE 302	Research Seminar in Education	COI	3					
OR								
EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/ equiv	3					
EDRE 316	Qualitative Evaluation in Education	EDRE 203	3					

EDUCATIONAL FOUNDATIONS.....3-6 units

EDFD 341	Seminar in Philosophy of Phil. Education	EDFD 241/ equiv	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/ equiv	3					

ELECTIVES.....3-6 units

			3					
			3					

Ph.D.Educ. (Social Studies Education)**COGNATES.....9 units**

Any **NINE** (9) graduate units in **two areas** in the Social Sciences, Philippine Studies or Asian Studies or ****graduate courses** in the College of Education in the following areas: Reading Education, Educational Foundation, Educational Research, Language Education, Curriculum Studies (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)**DOCTORAL DISSERTATION (EDUC. 400)12 units**

Total Number of Units: 51-60 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student

Date

COLLEGE OF EDUCATION
University of the Philippines Diliman

PROGRAM OF STUDY

**DOCTOR OF PHILOSOPHY IN EDUCATION
(Special Education)**

Student's Name _____ Student No.: _____

Date Admitted/Started: _____ Start Date of MRR: _____

Highest Degree Attained (Bachelor's & MA degrees): _____

MAJOR COURSES.....18-21 units

Course Number	Course Title	Prerequisites	Units	Semester	Academic Year	Grade	Advised by: (Signature of Program Adviser)	Date Advised
EDSP 301	Theoretical Analysis and Development in Special Education		3					
EDSP 324	Curriculum Development and Evaluation in Special Education		3					
EDSP 341	Theory and Practice in Clinical Supervision		3					

9-12 units of the following courses:

EDSP 302	Seminar in Comparative Special Education	EDSP 201/ COI	3					
EDSP 314	Seminar in Organization, Administration and Supervision of Special Education Programs	EDSP 214	3					
EDSP 326	Multidisciplinary Assessment in Special Education		3					
EDSP 331	Therapeutic Education for Exceptional Children		3					
EDSP 351	Special Topics in Special Education		3					

RESEARCH.....6 units

EDSP 308	Research Seminar in Special Education		3					
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Any one of the following courses:

EDRE 331	Seminar in Advanced Statistics Applied to Education	EDRE 231/equiv	3					
EDRE 361	Advanced Data Analysis	EDRE 261	3					

EDUCATIONAL FOUNDATIONS.....6 units

EDFD 302	Seminar in the Psychology of Human Learning	EDFD 301	3					
EDFD 331	Seminar: Educational Sociology in Philippine Setting	EDFD 231/equiv	3					

Program of Study – page 2

Ph.D. Educ. (Special Education)

COGNATES.....6-9 units

Nine (9) units in 1 or 2 of the following areas: Anthropology, Nursing, Psychology, Public Administration, Public Health, Social Work and Community Development and Sociology or

****courses in the College of Education in the following areas:** Educational Administration, Educational Foundations, Language Teaching, Reading, Research. (**Approved in the 95th UC Meeting on April 19, 2006, effective 1st Semester 2006-2007).

			3					
			3					
			3					

ELECTIVES.....6 units

			3					
			3					

COMPREHENSIVE EXAMINATION (To be taken after completion of all academic subjects)

DOCTORAL DISSERTATION (EDUC. 400).....12 units

Total Number of Units57-60 units

<i>Prepared by:</i>	<i>Approved by:</i>	<i>Noted by:</i>
		EDWEHNA ELINORE S. PADERNA
Name & Signature of Student	Name & Signature of Program Adviser	Name & Signature of Division Chair

Received by: (OSEC) _____ Date received: _____

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Name & Signature of Student

Date