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					

ELECTIVES.....6 units

			3					
			3					

***EDRE 203 prerequisite: EDRE 201/ EDUC 293**

PhD. 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

Prepared by:	*Approved by:*	*Noted by:*
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:

I will only take the courses included in my Program of Study. "*In consideration of my admission to the University of the Philippines and of the privileges of a student in this institution, I hereby promise and pledge to abide by and comply with all the rules and regulations laid down by competent authority in the University and in the college in which I am enrolled. Refusal to take this pledge or violation of its terms shall be sufficient cause for summary dismissal or denial of admission.*" (Academic Information, University of the Philippines Diliman, General Catalogue 2004-2010).

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Name & Signature of Student Date