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					

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

PhD Educ. (Biology Education)

EDUCATIONAL FOUNDATIONS.....3 units

			3					

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

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