

**CENTRO ESCOLAR UNIVERSITY
Manila**

GRADUATE SCHOOL

**DOCTOR OF PHILOSOPHY/DOCTOR OF EDUCATION
(Science Education)
Effective School Year 2014-2015**

Degree Requirements

Core Courses.....		6 units
Area of Specialization.....		30 units
Cognates.....		9 units
Foreign Language.....		6 units
Dissertation.....		12 units
	Total	(for Ph.D.) 63 units
		(for Ed.D.) 57 units

Core Courses..... 6

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Philo 300	Philosophical Studies	3
Stat. 318	Advanced Research Statistics	3

Area of Specialization (Any 10 of the following)..... 30

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Bio. Sci. 310	History and Philosophy of Science and Scientific Thought	3
Bio. Sci. 311	Theoretical Biology	3
Bio. Sci. 312	Recent Advances in Scientific Research: Philosophy and Practice	3
Bio. Sci. 313	Philosophical Problems and Issues in Science Education	3
Bio. Sci. 314	Advances in Science Education	3
Bio. Sci. 315	Seminar in Environmental Education: Philosophy and Practice	3
Sci. Ed. 310	Curriculum Development and Supervision in Science Education: Philosophy and Practice	3
Sci. Ed. 311	The Uses of Educational Technology in Science Education	3
Sci. Ed. 312	Seminar in Evaluation and Science Education	3
Sci. Ed. 313	Evolution and Education	3
Sci. Ed. 314	Science Education and the College Science Professor	3
Sci. Ed. 315	Research and Teaching in Science: Philosophy and Practice	3

Cognates (Any 3 of the following)..... 9

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Ed. 315	Advanced Educational Psychology	3
Ed. 301	Comparative Education	3
Ed. 304	The Organization, Administration and Supervision of Basic Education	3
Ed. 305	The Organization, Administration and Supervision of Higher Education	3
Ed. 308	Human Relations in Education	3
Ed. 313	Educational Anthropology	3
Ed. 333	Supervision and Instruction	3

Foreign Language (Ph.D. only)..... 6

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
FRL 311	Foreign Language I	3
FRL 312	Foreign Language II	3

Dissertation..... 12

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Res. 391	Dissertation I*	6
Res. 392	Dissertation II	6

Total (for Ph.D.) 63 units
(for Ed.D.) 57 units

- **Students must pass the Comprehensive Exam prior to enrolment in Dissertation I.**