

SCHOOL OF EDUCATION
Graduate Studies
Xavier University-Ateneo de Cagayan



CURRICULUM FOR MASTER IN ARTS EDUCATION
MAJOR IN TEACHING NATURAL SCIENCES
(Effective 2015-2016)

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COURSE CODE	COURSE DESCRIPTION	UNITS		
		lec	lab	total
BASIC COURSES (9 units)				
Educ 100.1	Philosophical & Ethical Foundation of Science Education	3	0	3
Educ 103	Research Methods	3	0	3
Educ 124	Inferential Statistics	3	0	3
MAJOR FIELD OF CONCENTRATION (23 units)				
Educ 106	Teaching Strategies/Approaches in Science Teaching	3	0	3
Educ 107	Earth Science	3	2	5
Educ 108	Advanced Biology	3	2	5
Educ 109	Advanced Chemistry	3	2	5
Educ 110	Advanced Physics	3	2	5
COGNATES (6 units)				
Educ 115	ICT in Science Education	3	0	3
Educ 111	Assessment/Evaluation in Science Teaching	3	0	3
Educ 112	Environmental Science	3	0	3
Educ 113	Technical Writing in Research	3	0	3
Educ 114	School-Based Management	3	0	3
COMPREHENSIVE EXAMINATION (written)				
THESIS WRITING (6 units)				6

SUMMARY

Basic Courses	9 units
Major Field of Concentration	23 units
Cognates	6 units
Thesis Writing	6 units
	Total 44 units