



Ateneo de Zamboanga University
COLLEGE OF SCIENCE & INFORMATION TECHNOLOGY
GRADUATE PROGRAM

MASTER IN SCIENCE EDUCATION major in GENERAL SCIENCE
(Professional Track)

The Master in Science Education major in General Science integrates content of science with pedagogy. It intends not only to enhance the basic education teachers' foundations in General Science concepts, it also aims to develop their critical thinking and problem solving skills as well as the ability to prepare pedagogical plans for elementary and junior high school levels using appropriate strategies. This program is designed for teachers in elementary and Junior High School who need a broad range of sciences such as Biology, Chemistry, Physics, and Earth Science and Astronomy.

(Admission Requirement: Applicant must be a graduate of BSED with major in Science or Biological Science or Physical Science or any bachelor's degree with at least 15 units in science subjects; Passing score in the Graduate Entrance Test; Successful interview with the department chair.)

CORE COURSES (9 UNITS)

	UNITS
CORE 500 Research Methods	3
COR 501 Statistics	3
COR 504 History and Philosophy of Science	3

MAJOR COURSES (21 UNITS)

GENSCI 520	Methods of Teaching Science	3
GENSCI 551	Biological Science for Teachers	3
GENSCI 552	Chemistry for Teachers	3
GENSCI 553	Physical Science for Teachers	3
GENSCI 524	Earth Science and Astronomy for Teachers	3
SCIED 515	Curriculum Design	3
SCIED 516	Environmental Science	3

Comprehensive Examinations

GENSCI 595	Capstone	3
	<i>(Framework Development, Citizen Science utilization/integration, Service Learning Program)</i>	

SUMMARY:

Core	9 units
Major Courses	21 units
Capstone	3 units
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Total	33 Units

Effective SY 2021-2022