from a leave of absence, the student is required to repeat core subjects and after 5 years of absence, must repeat all core and major subjects. Refusal to repeat will mean the student is automatically dropped from M. S. Biology program.

At present, there is no formal foreign language requirement for the M. S. in Biology degree.

The minimum course requirement for the degree is thirty-six (36) units, distributed as follows: Core courses, 9 units; Major courses, 12; electives, 9; Master's thesis, 6; total - 36 units.

: Biology 101	Elements of Research and Biostatistics	3 units
Biology 102	Advanced Ecology	3 units
Biology 103	Principles of Systematics and Evolution	3 units
: Biology 104	Population Biology	3 units
Biology 106	Tropical Vertebrate Biology	3 units
Biology 107	Biology of Vascular Plants	3 units
Biology 108	Marine Biology and Oceanography	3 units
Biology 109	Freshwater Biology	3 units
(minimum of 9 units required)		
Biology 110	Seminar in Conservation Biology and Resource Mgt.	3 units
Biology 111	Ecology of Parasitism	3 units
Biology 113	Herpetology	3 units
Biology 114	Ornithology	3 units
Biology 115	Mammalogy	3 units
Biology 116	Biology of Marine Plants	3 units
Biology 117	Biology of Marine Mammals	3 units
Biology 118	Microbial Ecology	3 units
Biology 119	Biochemical Ecology	3 units
Biology 120	Plant Pathology	3 units
Biology 121	Seminar in Contemporary Concepts in Ecology	3 units
: Biology 250		6 units

Application of the principles of scientific research to problems. Theoretical and practical introduction to organized investigations, including methods of data gathering, and analysis. Prerequisite: Introduction statistics. Three hours lecture and student presentations. Project/thesis proposal to be presented in a quasi-colloquium.

Distribution, classification, physiology, ecology and evolution of amphibians and reptiles, with focus on Philippine species, field methods in herpetological collection. Two hours lecture and three hours discussion and lab demonstrations, field trips. Prerequisite: General Zoology. Independent project required.

Morphology, physiology, distribution, classification and evolution of birds, including flight and migration, reproductive and parental behavior, field methods in bird surveys. Three hours lecture/reports; field trips and or museum surveys. Prerequisite: Zoology. Independent project required.

Evolution, distribution, classification, morphology, physiology, behavior, and ecology of mammals, including research methods; classification and biogeography of Philippine mammals. Prerequisite: Zoology. Three hours lecture/discussions, field trips. Independent project required.

Structure, function and relationships of marine plants and algae, with emphasis on reproductive, physiological, and ecological adaptations, and distribution. Prerequisite: Botany. Three hours lecture/discussion; laboratory demonstrations. Independent project required.

Structure, function and relationship of marine animals, with emphasis of nutrition, respiration, osmoregulation, and excretion, ecological adaptations. Prerequisite: Zoology. Three hours lecture/discussion; laboratory demonstrations. Independent project required.

Understanding of microbial diversity, adaptations to various environments, role in biogeochemical cycling, interactions between microbes and other organisms; practical applications, including global impact of microbial lifirUial mn, anon G(u)3(n(d)14Ms)11(C q0.00000912)-262([P)-4(r)12(erh)14(o)-5n)3(,)]TJ(Ec4(d)3(er