

Bachelor of Science in Environmental Science

Z S C M S T



BAGONG PILIPINAS



AREA II

Parameter F: PROFESSIONAL PERFORMANCE AND SCHOLARLY WORKS

IMPLEMENTATION

I.1 |

Demonstrate Skills and competencies in all of the following:

- I.1.7 integration of values and work ethic in the teaching -learning process



Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY
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COLLEGE OF FISHERIES AND MARINE SCIENCES
BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

OUTCOMES-BASED EDUCATION (OBE) COURSE SYLLABUS IN

ES 10
(ENVIRONMENTAL LAWS AND POLICIES)

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Date of Effectivity:

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I. COLLEGE

Vision: A world-class institution for higher learning, research, development and innovation in fisheries, marine sciences, maritime education, and technology by 2024.

Mission: Provide quality education and relevant research and extension to produce globally competitive human capital for fisheries and marine-based industries.

Core Values: CARE - C-Commitment A-Attitude R-Relationship E-Excellence

II. PROGRAM: Bachelor of Science in Environmental Science

III. INSTITUTIONAL GOALS

1. Develop a breed of qualified graduates with high standards of work ethics and with specialized skills in the field of fisheries, natural and applied sciences.
2. Enhance faculty expertise in their respective disciplines and upgrade instructional facilities.
3. Provide degree of fellowship/training opportunities to faculty and research staff on following areas of concern: computer-based stocks assessment methodologies and research analysis, ecological systems modelling, environmental impact assessment, fish genetics, fish nutrition, development of research tools, technical writing, bio-assay, bio-technology, socio-economic research and research management.
4. Initiate/spearhead the rational exploitation of the region's fisheries and marine resources thru the necessary leadership in multi and inter-disciplinary undertakings, training and development programs.
5. Promote environmental protection and rehabilitation of identified marine ecosystems by developing and implementing an effective resource management program.
6. Coordinate with concerned government and private institutions in the monitoring, evaluation and documentation of the fishery and other marine resources in the primary service area.
7. Conduct basic and applied researches to generate the much-needed information and technology for the fishery/food sector and ecosystem management.

IV. INSTITUTIONAL OBJECTIVES

1. Equip students with the appropriate knowledge and skills (technical, managerial and critical thinking) in the sustainable/responsible fisheries and ecosystem management.
2. Enhance the capability of students on the areas of research, extension, and production.
3. Enhance the students the value of commitment, attitude, relationships and excellence.
4. Enhance the students understanding and appreciation of the arts and culture.
5. Strengthen linkages with the fishery/food/environmental industry/sector for OJT and job placement.
6. Increase the passing rate of BSFI students in the Fisheries Technologists Board Examination and;
7. Improve the employment rate of graduates.



Copies of the syllabi with program objectives/outcomes

V. PROGRAM OBJECTIVES

The graduates have the ability to:

- a) Demonstrate broad and coherent knowledge and understanding in the core areas of environmental science.
- b) Disseminate effectively knowledge pertaining to sound environmental protection, conservation, utilization and management.
- c) Apply appropriate knowledge and innovation related to the environment.
- d) Demonstrate the ability to contribute in the protection and management of the environment.
- e) Analyze local environmental issues and problems in the regional and global context.

Course Name	Environmental Laws and Policies
Course Credits	3 Units Lecture
Course Description	<p>Laws and policies play a major role in the conservation and management of natural resources as well as pollution control. This course intends to introduce the students to the vast field of Environmental Law and Policy. The course would be divided into three broad areas. The first part would cover the basic concepts and principles of Environmental Laws. This would include latest trends on environmental laws, newly approved and implemented ordinances and policies, judicial precedents, which now form an essential part of environmental jurisprudence. The second part would be divided into specific introductory modules on forests and wild life including bio-diversity related laws; Air and Water related laws including mega projects and marine laws; and laws relating to hazardous wastes and substances. The third part would discuss the developments at the international level in the field of environmental law. It will also cover international treaties and agreements. At the end of the course it is expected that the students would be familiar with the overall Environmental Law and Policy regime of the country as well as its international obligations. It is expected that the case studies, case digest would equip them with basic knowledge and skills to understand environmental law issues.</p>

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	<p>This course discusses the different laws governing the environment as well as the standards and policies to be followed during project construction.</p>
Contact Hours/Week	3 hours
Pre-Requisite	
Course Outcomes	<p>At the end of the course, the students shall be able to:</p> <ol style="list-style-type: none"> 1. Discuss the different local, national, international environmental laws, policies and ordinances governing the Philippine Environment. 2. Describe and understand the fundamentals of national and international air, water and waste environmental laws and legislations. 3. Perceive and apply accepted and desired legal and institutional arrangements for applying principles and policies on environmental procedures and Environmental Management. 4. Describe and apply legal instruments, legal basis for the application of permits and other documents needed for the project implementation with the emphasis on functional requirements, decentralization, planning and decision making. 5. Explain the concept of multi-level governance and the relationship between national and international legal and policy systems and the applicable and operational treaties, protocols and agreements.

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