

# 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.1.4 proficiency in the use of the language of  
instruction



## Teaching Materials and Delivery

- Course syllabi, lesson plans, PowerPoint presentations, and lecture guides written in the language of instruction, English.

<b>Course Name</b>	General Ecology
<b>Course Credits</b>	3 units lecture
<b>Course Description</b>	This course is designed to provide you with a basic understanding and appreciation of ecological principles, from the individual to the ecosystem level, that govern the distribution and abundance of organisms. In addition, we will cover ecological topics as they relate to human interactions with the environment.
<b>Contact Hours/Week</b>	3 Hours
<b>Pre-Requisite</b>	None
<b>Course Outcomes</b>	<ol style="list-style-type: none"> <li>1. Define the general principles of ecology and its relation to other sciences.</li> <li>2. Describe the relationship between the principles of evolution and ecology</li> <li>3. Explain the general behavioral ecology (examples: costs and benefits, territorial defense, foraging, migration, group living).</li> <li>4. Discuss population structure, growth, and density; and interactions of organism in a population.</li> <li>5. Explain the concept of community ecology in terms of diversity; habitat, and community changes.</li> <li>6. Identify basic applications/conservation measures and the impacts of human populations have had on the environment</li> <li>7. Identify and explain the methods of treating wastes/ pollutants and their effects on human health.</li> </ol>

Desired Learning Outcomes (DLO)	Course Content/Subject Matter	Textbooks/References	Teaching and Learning Activities (TLAs)	Assessment of Tasks (ATs)	Resource Materials	Time Table
<ol style="list-style-type: none"> <li>1. Be familiar with the Institutions VMGO, Classroom Policies, Course Overview, Course Requirements, and Grading System</li> <li>2. Get acquainted with class members</li> </ol>	<b>Orientation</b>		Write personal information on a 1/8 index card			2 hours
<ol style="list-style-type: none"> <li>1. Define Ecology and discuss the branches of ecology.</li> <li>2. Explain the graphical model of nature.</li> <li>3. Discuss the variation of the levels of organization-parts and wholes.</li> <li>4. Identify and discuss how nature put together</li> </ol>	<ol style="list-style-type: none"> <li>2. Introduction to Ecology               <ol style="list-style-type: none"> <li>2.1 What is Ecology?</li> <li>2.2 A graphical model of nature</li> <li>2.3 Levels of organization-parts and wholes</li> <li>2.4 Hierarchy and scale: how is nature put together</li> </ol> </li> </ol>	Robert E. Ricklef, 2006. The Economy of Nature Sixth Edition	Readings	Oral recitation and Picture Analysis	Flash cards, Pictures, Visual Aids	(2 weeks) 6 hours
<ol style="list-style-type: none"> <li>1. Explain the life processes and different adaptations of the physical environment.</li> <li>2. Discuss the variation of the environment and the biome concept in ecology</li> </ol>	<ol style="list-style-type: none"> <li>3. Life and the Physical Environment               <ol style="list-style-type: none"> <li>3.1 Adaptations to the Physical Environment: Water and Nutrients</li> <li>3.2 Adaptations to the Physical Environment: Light, Energy, and Heat</li> <li>3.3 Variation in the Environment: Climate, Water, and Soil</li> </ol> </li> </ol>	Robert E. Ricklef 2006. The Economy of Nature Sixth Edition	Brain Storming	Moving exam	Questions and answer sheet	(2 weeks) 6 hours



- Classroom observation reports noting fluency, clarity, and correct usage of language in lectures/discussions.

(062) 994-3092 Telefax: (062) 991-0777 website: <http://www.zscmst.edu.ph>

**EVALUATION FORM FOR FACULTY CLASSROOM VISIT**

Name: KIA P. PINERO Mark: VERY SATISFACTORY  
Subject Observed: ES 13 (ENVIRONMENTAL IMPACT ASSESSMENT)  
Date: OCTOBER 21, 2022  
Time: 5:20 PM - 7:00 PM  
Room: BL-05

**INSTRUCTIONS:** Score from 1 to 10 points for each quality demonstrated on the space provided for.

<u>9</u>	1. Was the Information in small logical units and in logical sequence?
<u>10</u>	2. Did the lecturer have Opening, Body and Close?
	3. Did the lecturer use good platform skills?
<u>10</u>	A. Speak clearly and loudly enough for students to hear.
<u>10</u>	B. Maintain eye contact with the students, use normal gestures and avoid distracting speech or other habits.
<u>9</u>	4. Did the lecturer use classroom teaching aids appropriately?
<u>9</u>	5. Was the class time distributed appropriately and effectively?
<u>9</u>	6. Did the lecturer use appropriate teaching methods and techniques?
<u>9</u>	7. Did the lecturer achieve the intended learning outcomes?
<u>9</u>	8. Were the activities student-centered?
<u>10</u>	9. Was there a mastery of the subject matter?

Rating: 94

**Strengths:**  
She has a good communication skill. Interact students enthusiastically and has a good mastery of the subject matter.

**Areas of Improvement:**

Attested: ANITA D. TITO, Ph.D.  
Dean

Evaluated by: ANITA D. TITO, Ph.D.  
Program Adviser/Department Chair

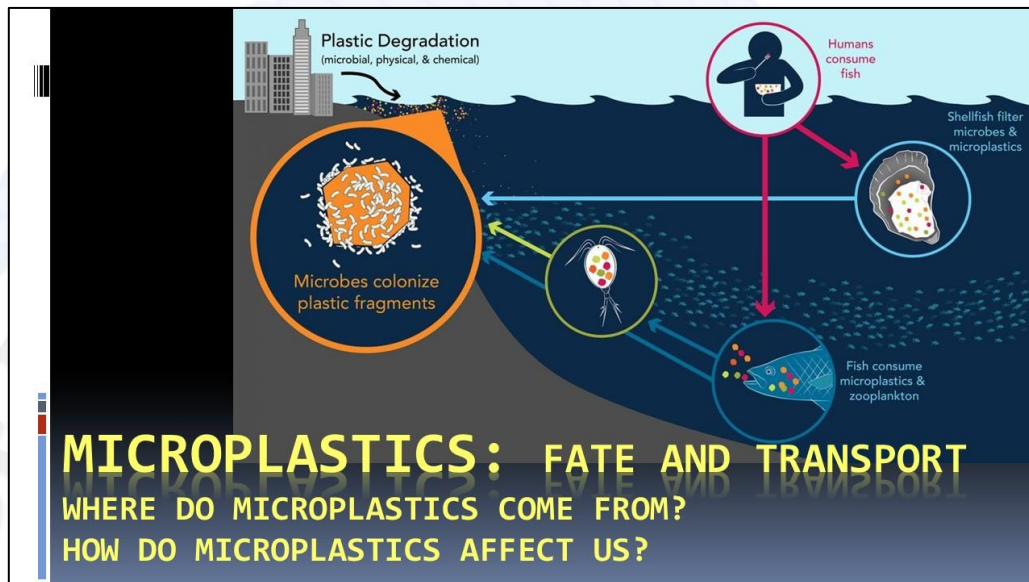
Noted: ANITA D. TITO, Ph.D.  
Vice President for Academic Affairs

**Legend for the mark:**

96.00-100.00	Outstanding (O)
90.00-95.00	Very Satisfactory (VS)
80.00-89.00	Satisfactory (S)
70.00-79.00	Fair
69.00 and below	Poor



- Participation as speaker, panelist, or resource person in seminars/webinars conducted in the language of instruction.






PPT presentation of Ms. Kia P. Piñero-Abdurajak during her presentation on the World Earth Day Celebration



Certificate of Recognition of Ms. Kia P. Piñero-Abdurajak for her presentation



## Certificates from language proficiency training and/or examinations

	Western Mindanao State University <b>TESTING AND EVALUATION CENTER</b> Zamboanga City	
<b>ENGLISH PROFICIENCY EXAM-Masters in Eng'g.</b> <b>Report of Rating</b>		
511163 Application No.	<b>TINGKAHAN, DEWI-PUSPA LADJAALAM</b> NAME	
	<b>PERCENTILE RANK</b>	<b>99.94</b>
<p>Keep this copy of your EPE-ME results. You are required to present this when you apply for admission. Your Percentile Rank is the rating considered for application for admission to the WMSU GRADUATE SCHOOL. Percentile Rank indicates your standing in comparison with other students who took the same test. For example, if your Percentile Rank is 65, this means that you belong to the upper 35% among those who took the test. The Graduate School Percentile Rank cut-off for admission is <b>fifty (50)</b> for SY 2014-2015.</p>		
 <b>ARACELI A. LIM, Ph.D.</b> Director		

Miss Dewi-Puspa L. Tingkahan has demonstrated commendable proficiency in the English language as reflected in her English Proficiency Test results. The assessment indicates her strong command of the language, particularly in reading comprehension, grammar, and structure, as well as written and oral communication. This result affirms her capability to effectively use English as a medium of instruction, enabling her to deliver lessons with clarity, accuracy, and confidence. Such proficiency not only enhances classroom instruction but also supports the attainment of program outcomes that require effective communication skills.