

## DEPARTMENT OF BIOTECHNOLOGY

Visayas State University Baybay City, Leyte, 6521 Philippines Phone: Trunk line 565-0600, local 1099 Email: biotech@vsu.edu.ph Website: www.vsu.edu.ph

## **TABLE OF SPECIFICATIONS**

InBt 121 -Bioprocess I (Lecture)

1st Semester AY 2021-2022

Examination: Midterm /	Final
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Date of Examination: December 15, 2021

10:00-12:00 NN

Content	No. of Meeti ngs	Course Outco me/Lea rning Outco me (CO/LO	Jen an		Taxo	nomy o	of Object	tives		Total Items
			%	30%	20%	Solving Applying	Analyzing	Evaluating	Creating	
Module 3: Lesson 2 Characteristic s of	1		14.2	1		1	1	1		4
Immobilized Cells		// 61								
Module 4 Lesson 1: Definitions and Uses of Enzymes	1		14.3	1	1		in deal	1		3
Module 4 Lesson 2: Enzyme Immobilizatio n Techniques	1		14.3	1	1	1				3
Lesson 3: Enzyme Reactors										
Module 5 Lesson 1: Media in the Industrial Process	1		14.3	1		1	1	1		4
Module 5 Lesson 2: Sterilization	1		14.3	1	1			1		3
Total	7		100	6	4	4	2	4		20
Item Arrangeme nt				Enum eratio n (1-5) Multip le	Multiple Choice (2-5)	Essay (1-4)	Essay (5-6)	Essay (7-10)		

Vision: Mission: A globally competitive university for science, technology, and environmental conservation. Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.