



OUTCOMES-BASED TEACHING-LEARNING SYLLABUS

CHEM140

Quantitative Inorganic Analysis

I. UNIVERSITY INFORMATION

1. Vision of the University

A globally competitive university for science, technology, and environmental conservation

2. Mission of the University

Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.


3. VSU Quality Policy Statement

The Visayas State University (VSU), a globally competitive university of science and technology and environmental conservation, is created by law to develop highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

Towards this end, we, at the Visayas State University, commit to:

- Produce highly competent, quality and world-class manpower in science and technology, especially for agriculture, environmental management and industry who are proficient in communication skills, critical thinking and analytical abilities;
- Generate and disseminate relevant knowledge and technologies that lead to improved productivity, profitability and sustainability in agriculture, environment and industry; and
- Satisfy the needs and applicable requirements of the industry, the community and government sectors who are in need of quality graduates and technology ready for commercialization through the establishment, operation, maintenance and continual improvement of a Quality Management System (QMS) which is aligned with the requirements of ISO 9001:2015.

It shall be the policy of the university that the quality policies and procedures are communicated to and understood by all faculty, staff, students and other stakeholders and that the system be continually improved for its relevance and effectiveness.


EDGARDO E. TULIN
President
v0 07-16-2019

4. Quality Goals of the College of Agriculture and Food Science

World class education in agriculture and allied fields that builds empowered and resilient communities.

5. Quality Objectives of the Department of Food Science and Technology

- To generate knowledge and technologies in food processing and utilization that are appropriate, acceptable, profitable, safe and ecologically sound;
- To enhance transfer of food processing technologies and sustain development of integrated processing systems that generates employment and income especially in rural areas communication systems management;
- To promote public awareness and advocacy on relevant issues affecting food quality and safety;
- To establish linkages and cooperation with local, national and international private and government institutions and organizations involved in the pursuit of development in food science and technology; and
- To establish and maintain development-oriented and income-generating projects as models in instruction and income generation

II. PROGRAM INFORMATION

1. Name of the Program	Bachelor of Science in Food Technology
2. CHED CMO Reference	CMO No. 7, series 2019
3. BOR Approval	BOR Resolution No. 84, series 2018

4. Program Educational Objectives and Relationship to Institution Mission

Program Educational Objectives	Mission*		
	a	b	c
1. To produce professionals who have the capacity to apply the science and technology and related fields of study in post-harvest handling, preparation, processing, packaging, storage and distribution of food to ensure food security and the well-being of individuals, families and communities. It also includes the social, cultural, economic, managerial and entrepreneurial and environmental aspects of food systems as well as the art of food preparation.	√	√	√
2. To promote continued excellence in food science education.	√	√	√

*a - development of a highly competitive human resource, b - cutting-edge scientific knowledge, c - innovative technologies for sustainable communities and environment

III. COURSE INFORMATION

1. Course Code	CHEM140
2. Course Title	Quantitative Inorganic Analysis
3. Pre-requisite	None
4. Co-requisite	CHEM140.1
5. Credit	2 units
6. Semester Offered	First Semester
7. Number of hours	2 hours lecture
8. Course Description	Theoretical principles and techniques in quantitative inorganic analysis

Vision:
Mission:

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