

Basic Information

Course Code

Course Title

Internship & Graduation diploma report

Academic Year

2022/2023

Academic Program

New Professional Diploma in Plant Clinic and
Phytosanitary Technologies

Hours/week

Lectures: 1

Practical: 2 total: 2

semester

Description: To enhance knowledge of scientific research methods and methodology and the development of stylistic and research skills. Improve students practical and general skills. The practical training of what has been studied and to apply the theoretical study.

1. Aims

- 1.1- Knowledge of scientific research methods and methodology and the development of stylistic and research skills
- 1.2- For giving students practical and general skills,
- 1.3- The practical training of what has been studied.
- 1.4- Applied to theoretical study

2. Intended Learning Outcomes

2.1. Knowledge and Understanding

On successful completion of this course, the student should be able to

- 2-1 -1 Understand the basics of plant pathology
- 2-1 --2 Understand the basics of diagnostic and entomology
- 2-1 -3 Understand the basics of internship report with other science
- 2-1 -4 Discuss the host parasite relationship
- 2-1 -5Discuss the host parasite and immune response.
- 2-1 -6-Identify the principles and basics phytopathology.
- 2-1 -7-Identify the principles and quality assurance in practical phytopathology.

2.2. Intellectual Skills

By the end of this course, the student should be able to

- 2-2-1 Demonstrate fluency in communication and clinical
- 2-2-2 Demonstrate clinical and diagnosis of plant diseases
- 2-2-3 Demonstrate diagnosis of plant diseases from different crop categories.
- 2-2-4-Realize limitation and cope with samples diagnosis.
- 2-2-5-Realize and cope with infected samples diagnosis.
- 2-2-6 Recognize the need to self-appraisal
- 2-2-7 Recognize self-appraisal for internship report

2.3. Practical and Professional Skills

By the end of this course, the student should be able to:

- 2-3-1 Conduct counseling for different plant health
- 2-3-2 Conduct counseling for plant clinic Practice.

- 2-3-3 Perform auditing of the provided diagnosis
 2-3-4 conduct practice activity analysis (Report in plant clinic)

2.4. General and Transferable Skills

By the end of this course, the student should be able to:

- 2.4.1- Writes and presents scientific reports.
 2.4.2- Work independently or in a team.
 2.4.3- Communicates with colleagues and the community.
 2.4.4- Demonstrates self-learning and continuous capabilities to develop professional skills.

Course content

Topics	Lectures (hr)	Practical (hr)	Total (hr)
Introduction to Internship & Graduation diploma report	2	2	3
Report Format Title page (Internship Report) Executive Summary , Acknowledgements Table of Contents	1	2	2
Main Text - including the following sections	2	2	3
Introduction and Internship & Graduation Body	1	2	2
Research steps for graduation report	1	2	2
Technical trends in graduation report	1	2	2
Conclusions and Recommendations	1	2	2
Style sheet to write	1	2	2
Style sheet to refer	1	2	2
Assessment of Internship report to Content and Argument	1	2	2
Assessment of Internship report to structure and Form	1	2	2
Presentation and discussion methods	1	2	2
Total	14	28	28

Course Matrix for Achievement of Intended Learning Outcomes

	Topics	Hours	K & U					IS				P & PS						G & TS			
			1	2	3	4	5	1	2	3	4	1	2	3	4	5	6	1	2	3	4
1	U1	2				√	√		√	√		√				√	√			√	√
2	U2	2	√	√		√			√	√	√	√	√	√							√

3	U3	2	√		√	√		√	√	√		√	√	√	√				√	√
4	U4	2				√	√				√			√	√	√	√		√	√
5	U5	2			√	√	√	√	√	√		√	√			√	√		√	√
6	U6	2	√		√	√		√	√	√		√	√	√	√			√	√	
7	U7	2		√		√	√	√	√	√				√	√			√	√	
8	U8	2	√	√		√		√	√		√			√	√	√	√	√	√	
9	U9	2	√	√	√			√	√		√				√	√	√	√	√	√

4. Teaching and Learning Methods

Lectures:	Interactive lectures through: <ul style="list-style-type: none"> Teaching lectures to gain knowledge and understanding skills Seminars Group discussions
Practical sessions:	<ul style="list-style-type: none"> Laboratory lessons (Practical sessions) to gain practical skills. Field visits.
Self-Learning activities:	<ul style="list-style-type: none"> Assays and scientific reports. Analyze the results and reach specific conclusion. Sample collection, preservation, examination and identification

5. Teaching and Learning Methods for Students of Limited Capabilities

- Special care during lectures and practical classes.
- Discuss their concerns and answer their questions during office hours.

6.1. Methods	6. Student Assessment			
	Intended Learning Outcomes Covered			
	KU	IS	PPS	GTS
Written exams	2.1.1/2.1.3/2.1.4/2.1.5	2.2.1/2.2.2/2.2.3/2.2.4	2.3.1/2.3.2/2.3.3/2.3.4/2.3.5	
Practical exams	2.1.1/ 2.1.2/2.1.3	2.2.3/2.2.4	2.3.1/2.3.2/2.3.3/2.3.4/2.3.5	2.4.2
Oral exams	2.1.1/2.1.2/2.1.3/2.1.4/2.1.5	2.2.1/2.2.2/2.2.3/2.2.4	2.3.1/2.3.2/2.3.3/2.3.4/2.3.5	2.4.1/2.4.2/2.4.3/2.4.4
Student activities	2.1.1/2.1.2/2.1.3/2.1.4/2.1.5	2.2.1/2.2.2/2.2.3/2.2.4	2.3.1/2.3.2/2.3.3/2.3.4/2.3.5	2.4.1/2.4.2/2.4.3/2.4.4

KU, knowledge and understanding; IS, intellectual skills; PPS, practical and professional skills; GTS, general and transferable skills

6.2. Exam Description

Written exams	<ul style="list-style-type: none">▪ Short essays▪ Drawing▪ Multiple choice questions▪ Comparisons▪ Giving the scientific term▪ Complete sentences
Practical exams	<ul style="list-style-type: none">▪ Identify pathogens by examining diseased plant samples, cultures and microscope slides.
Oral exams	<ul style="list-style-type: none">▪ The exam committee involves at least 3 examiners▪ Each evaluates the student by giving a separate score▪ The scores are then averaged▪ The student randomly selects question cards
Student activities	<ul style="list-style-type: none">▪ Self-learning activities are evaluated throughout the course.

6.3. Assessment Schedule		6.4. Weighing of Assessments
Exams and activities	Week (in each semester)	Total (%)
Semester work exam	4 th , 8 th and 12 th	10
Student activities	Throughout the semester	10
Final written exam	15 th	50
Final Practical exam	15 th	20
Final oral exam	15 th	10
Total		100

7. List of References

7.1. Course Notes

Course notes will be given at the beginning of each lecture

7.2. Essential Books

English Literature Writing Guide

7.3. Recommended Books

Guide for an internship report or a research paper

7.4. Periodicals, websites, etc.

Defense and Assessment of The Master's Thesis, Assessment Guidelines For Examiners: <https://www.law.kuleuven.be/education/master-thesis-guidelines-for-examiners.pdf>

Course coordinator:

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