



Course Specification

CHS3403 Principles of Plant Pathology in Cannabis and Medicinal Plant

College of Allied Health Sciences
Suan Sunandha Rajabhat University
The 2nd semester of 2022

Part 1 General information

1. Code and subject

Code CHS3403
Subject Principles of Plant Pathology in Cannabis and Medicinal Plant

2. Credits 3(2-2-5)

3. Course and group of subjects

3.1 Course Bachelor of Sciences (Cannabis Health Sciences)
3.2 Group of subjects Specific subject of basic sciences

4. Primary instructors and teacher

4.1 Primary instructors Mr.Chawalit Yongram, Ph.D.
4.2 Teacher Mr.Chawalit Yongram, Ph.D.

5. Contact

College of Allied Health Sciences,
Suan Sunandha Rajabhat University
E-mail: Chawalit.yo@ssru.ac.th

6. Semester/ academic year

6.1 Semester The 2nd semester of 2022
6.2 Number of students 20

3. Consultation and additional tutorial

- 3.1 Personal consultation at the teacher's office on the 1st floor
- 3.2 Phone consultation 081-579-5949
- 3.3 E-mail chawalit.yo@ssru.ac.th
- 3.4 Social media -
- 3.5 Internet/web board https://elahs.ssru.ac.th/chawalit_ch

Part 4 Outcome evaluation

1. Moral and ethic

1.1 Moral and ethics development

- (1) Decision making with value and reasonable to social rules
- (2) Discipline, responsibility, reliability, honest sacrifice

1.2 Method

- (1) Lecture with 2-ways communication with example
- (2) Group assignment with presentation
- (3) Late arrival is 15 min with agreement of punishment

1.3 Evaluation

- (1) Class participation and discussion
- (2) Behavioral observation
- (3) Punctuation of joining class and assignment

2. Knowledge

2.1 Knowledge development

- (1) Living knowledge
- (2) Understanding the current condition
- (3) Realize to follow the rules

2.2 Method

- (1) Lecture with 2-ways communication with example
- (2) Situation analysis and presentation
- (3) Knowledge summary with simplified diagram

2.3 Evaluation

- (1) Midterm and final examination
- (2) Class participation and discussion
- (3) Qualified task according to the theory

3. Intellectual skill

3.1 Intellectual skill development

- (1) Problem solving skill
- (2) Creative analysis
- (3) Academic skill

3.2 Method

- (1) Assignment
- (2) Situation analysis and presentation

3.3 Evaluation

- (1) Assignment presentation
- (2) Situation analysis and discussion

4. Interpersonal relationship skill and responsibility

4.1 Interpersonal relationship skill and responsibility development

- (1) Appropriate role in working place with leadership and relationship. Capable to be the member or leader with appropriate role in the firm.
- (2) Self and group responsibility including firm and social.
- (3) Academic skill with initiative analysis

4.2 Method

- (1) Group assignment and presentation
- (2) Group activity

4.3 Evaluation

- (1) Assignment presentation
- (2) Team participation observation

5. Numerical analysis, communication and intellectual skill

5.1 Numerical analysis, communication and intellectual skill development

- (1) Selection and application of statistic
- (2) Regular using of informative technology for data collection and presentation
- (3) Efficient communication

5.2 Method

- (1) Assignment and presentation
- (2) Case study and presentation

5.3 Evaluation

- (1) Anatomical application and health solution presentation
- (2) Case study and presentation

Note Curriculum Mapping

- Main purpose
- Minor purpose

Part 5 Teaching plan and assessment

1. Teaching plan

Week	Topic/detail	Hours	Activities	Teacher
1	Introduction objective and teaching plan Introduction of Plant Pathology in Cannabis and Medicinal Plant	4	Explanation about the class and evaluation of the course by Power point	Mr.Chawalit
2	Classification of plant diseases	4	Lecture by Power point	Mr.Chawalit
3	Principles of plant disease control	4	Lecture by Power point	Mr.Chawalit
4	Plant disease from fungus	4	Lecture by Power point	Mr.Chawalit
5	Characteristic plant disease from fungus	4	Lecture by Power point	Mr.Chawalit
6	Plant disease from bacterial	4	Lecture by Power point	Mr.Chawalit
7	Characteristic plant disease from bacterial	4	Lecture by Power point	Mr.Chawalit
8	Plant disease from virus	4	Lecture by Power point	Mr.Chawalit
9	Midterm examination			Mr.Chawalit
10	Characteristic plant disease from virus	4	Lecture by Power point	Mr.Chawalit
11	Plant disease from Nematode	4	Lecture by Power point	Mr.Chawalit
12	Characteristic plant disease from Nematode	4	Lecture by Power point	Mr.Chawalit
13	Plant disease from environment factor	4	Lecture by Power point	Mr.Chawalit
14	Characteristic plant disease from environment factor	4	Lecture by Power point	Mr.Chawalit
15	Plant disease from protozoa, algal and phanerogams	4	Lecture by Power point	Mr.Chawalit
16	Plant disease from insects and post-harvest	4	Lecture by Power point	Mr.Chawalit

Week	Topic/detail	Hours	Activities	Teacher
17	Final examination			Mr.Chawalit

2. Evaluation

Activities	Method	Week	Quotation
1	Participation in the class	1-15	20
2	Midterm examination	8	30
3	Final examination	17	30
4	Individual assignment	5-7	10
5	Group presentation	16	10

Grading evaluation according to Suan Sunandha Rajabhat University

Grade	Range	Score
A	86-100	4.00
A-	82-85	3.75
B+	78-81	3.50
B	74-77	3.00
B-	70-73	2.75
C+	66-69	2.50
C	62-65	2.00
C-	58-61	1.75
D+	54-57	1.50
D	50-53	1.00
D-	46-49	0.75
F	0-45	0.00

Section 6 Teaching material

1. Standard textbook

- Lecture note of powerpoint

2. Additional material

- Hand-out
- Recommended material

Section 7 Evaluation and subject development

1. Course efficiency evaluation by student

After finishing the course, the student will evaluate as followed;

1.1 Teacher evaluation

- Puncture
- Personality
- Polite speech
- Moral and ethical concern
- Capability in explanation
- Informed the topic's objective
- Teaching topics relevant to the objective
- Motivation and participation of the student

1.2 Subject evaluation

- Benefit to study the course
- Satisfactory to the course
- Other comment

2. Teaching evaluation

Assigned teacher will do as followed;

2.1 Student evaluate the course and the teacher as above

2.2 Random observation for

- Puncture
- Personality
- Polite speech
- Moral and ethical concern
- Capability in explanation
- Informed the topic's objective
- Teaching topics relevant to the objective
- Motivation and participation of the student

2.3 Teacher needs self-evaluation as followed;

- Appropriate preparing time
- Satisfactory to the subject
- Further development

3. Course development

3.1 The power point presentation must be in English.

3.2 The handout needs to be published at least a week prior to the class

3.3 Further evaluation according to the data of

- The student outcome
- Course evaluation by the student
- Teaching evaluation
- Teacher evaluation

4. Standard evaluation of the subject by student

The Principles of Plant Pathology in Cannabis and Medicinal Plant has standard evaluation of the subject by the student in these topics;

- Clear and possible objective
- Practical learning related to the objective
- Practical learning aggravates the student to search and enhance self-study
- The evaluation process suitable with the objective and practical learning
- Using of theory and previous evaluation, if possible, for further planning and improvement

5. The plan for reevaluation and improvement the subject efficiency

By the end of semester, the teachers will have department meeting for further evaluation and improve the subject, including the student's grade evaluation. If there is any comment for further improvement, the subject will be adjusted for the best solution.

Curriculum Mapping according to Program Specification

Subject	1.Moral and ethic		2. Knowledge			3.Intellectual skill			4.Interpersonal relationship skill and responsibility			5.Numerical analysis, communication and intellectual skill		
	1	2	1	2	3	1	2	3	1	2	3	1	2	3
CHS3403 Principles of Plant Pathology in Cannabis and Medicinal Plant	●	○	●	○	○	●	○	○	●	○	○	○	○	●