

Subject: **Traditional pharmacy**

Module: **Basic principal of Vietnamese traditional medicine for using natural medicines and products**

Responsible for Teaching: Department of Traditional Pharmacy

Responsible for training : Department of Botany

Participants: Foreign students (2nd – 5th year students)

Units: 01

Time: 15 standard hours (Theory: 12 hours; Fieldtrip: 3hours).

1. Objectives of module

After completing the topic, students will be able to:

- Present the history of Vietnamese traditional medicine (VTN), outline of the basic theory of VTM;
- Analyze the problems, which related to the production, trading and use of herbal drugs and medicinal preparations in Vietnam.

2. Prerequisite: None

3. Description of module: The topic is designed for Thai students, who would like to study the Vietnamese traditional medicine. Students will be provided with the basic knowledge of the history of VTM, the basic theories of VTM: yin-yang theory, five elements theory, zang-fu theory; the factors cause diseases (etiology) and the principles and methods for treatment of diseases; outline of herbal medicines: The properties and functions of medicinal herbs (four energies and five tastes) and the classification of VTM and Outline of VTM remedy and VTM processing. One fieldtrip to visit and observe the famous herbal medicine market (Lan Ong or Ninh Hiep) and a company, which especially manufactures herbal medicines and products, will help students understand more and more about the manufacturing, trading and using herbal medicines and products in Vietnam.

| No | Contents | Lecturing hours | Practical hours | Visiting and observing hours |
|-----------|---|-----------------|-----------------|------------------------------|
| I | THEORY | 12 | 0 | 0 |
| 1. | The brief history of Vietnamese Traditional Pharmacy and Medicine - The principal theory of Vietnamese Traditional Medicine: yin-yang theory, five elements theory, zang-fu theory | 3 | 0 | |
| 2. | The factors cause diseases (etiology) and the principles and methods for treatment of diseases | 3 | | |
| 3. | Outline of herbal medicine: The properties and functions of medicinal herbs (four energies and five tastes) and the classification of VTM | 3 | | |
| 4. | Outline of VTM remedy and VTM processing | 3 | | |
| II | VISITING AND OBSERVING | 0 | 3 | |
| 5. | Visit VTM Market (Lan Ong or Ninh Hiep) and Herbal pharmaceutical company (Phuc Hung Orien Pharmaceutical JSC Company or Nam Duoc JSC) | | | |
| | Total | 12 | 0 | 3 |

4. References

- Bộ môn Dược học cổ truyền (2006), Dược học cổ truyền, NXB Y học

- Institut de Matière Médicale (1991), Médecine Traditionnelle et pharmacopée, les plantes médicinales au Vietnam, livre 1, 2, 3, Paragrapic. Toulouse