

COURSE DETAILS

10103 Life Skills

(6 credits)

Course Learning Outcomes

1. To gain skills in communication, acquiring common knowledge, and using technology in everyday life.
2. To gain skills in thinking, analyzing and problem-solving in various situations.
3. To develop oneself in the areas of morality, ethics and human relations.

Course Description

To gain necessary life skills in society such as a hunger for knowledge, how to gain knowledge and continuously seek further self-development; be able to use technology efficiently; apply reasoning, analytical thinking, problem-solving, and negotiation skills; learn the principles of self-management, emotional control, and stress management; to develop oneself to have morality, ethics, proper human relationships, manners and etiquette.

10111 English for Communication

(6 credits)

Course Learning Outcomes

1. To be able to use English as a means for communication.
2. To study structures, vocabulary and important English idioms.
3. To equip students with skills in listening, speaking, reading and writing in English for accuracy and appropriateness in various situations

Course Description

Structure, vocabulary and English idioms used in listening, speaking, reading and writing English for communication.

10131 Human Society

(6 credits)

Course Learning Outcomes

1. To understand the existence of human community and society.
2. To understand the political, legal, economic and social mechanisms affecting an organization of human society.
3. To promote the responsibility to the society and nation.

Course Description

Basic characteristics of being human; cohesion into communities and societies; human distribution and settlements; the components of society; human behavior in society; political, legal, economic and social mechanisms affecting the organization of human society; social problems and methods to solve them; promotion of a good society.

10141 Science, Technology and Environment for Life**(6 credits)*****Course Learning Outcomes***

1. To gain knowledge about the concepts, rules and development of science and technology, and how they influence of thought and human livelihood.
2. To gain knowledge about the evolution of living things and human beings.
3. To understand the relationship between humans, the environment, and the effects of science and technology on the environment.
4. To gain knowledge of the applications of science, technology, and mathematics in daily life.
5. To enhance scientific thinking and awareness of the need for environmental preservation.

Course Description

Concepts, theories, critical thinking, rules and development of science and technology; natural history concerning human beings; the parts of the human body; humans and the environment; hygiene and nutrition; the application of science, technology, and mathematics in everyday life.

10151 Thai Studies**(6 credits)*****Course Learning Outcomes***

1. To learn about Thailand's history, society, language and culture.
2. To be able to apply the course knowledge to daily life.
3. To understand and take pride in what it means to be Thai.

Course Description

Knowledge about Thai in terms of history, settlement, politics, economy, culture, religion and ritual, language and literature, arts and culture.

55101 Biology, Chemistry and Biochemistry for Thai Traditional Medicine***(6 credits)*****Course Learning Outcomes***

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Course Description

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55203 Microbiology, Parasitology and Pathophysiology for Thai Traditional Medicine* (6 credits)***Course Learning Outcomes***

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Course Description

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Note: Work in process of School of Health Science

55204 Chemistry of Materia Medica, Pharmacology and Toxicology for Thai Traditional Medicine * **(6 credits)**

Course Learning Outcomes

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Course Description

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55309 Philosophy and Laws Related to Thai Traditional Medicine* **(6 credits)**

Course Learning Outcomes

1. To understand and pay attention to morality and ethics in practice of Thai traditional medicine.
2. To understand principles and legislative intent of laws relating to Thai traditional medicine.
3. To be able to apply critical contents of professional ethics and principles of laws relating to Thai traditional medicine appropriately to professional practice.

Course Description

Morality and ethics in Thai traditional medicine professional practice; basic knowledge of laws; laws relating to Thai traditional medicine in the practise of healing arts; consumer protection in relation to drugs, food, cosmetics, health-care facilities, toxic substances and narcotics; Act on Protection and Promotion of Thai Traditional Medicine Wisdom; and other laws relating to Thai traditional medicine professional practice.

55322 Human Body* **(6 credits)**

Course Learning Outcomes

1. To gain basic knowledge relating to anatomy and physiology of various systems in a normal human body.
2. To gain basic knowledge relating to anatomy and physiology of various systems in a human body with pathological conditions.
3. To be able to make evaluation, provide first aid, and give advice for the prevention of diseases in various systems of human body.

Course Description

Study of anatomy and physiology of a human body in normal and pathological conditions; evaluating examination; first aid; and advisement for disease prevention of skeletal and joints as well as muscular, nervous, cardiovascular, respiratory, gastro-intestinal, urinary, reproductive, endocrine, and immune systems.

55324 Practice in Pharmaceutical Botany and Thai Traditional Pharmacy* **(6 credits)**

Course Learning Outcomes

1. To gain skills in plant classification and Thai and foreign traditional medicinal materials.
2. To gain skills of plant herbarium preparation and propagation of medicinal plants.
3. To gain skills in usage and maintenance of tools for medicine preparation.
4. To gain skills in preparation from medicinal materials in various forms and quality control of medicines.

Note: Work in process of School of Health Science

Course Description

Practice in pharmaceutical botany; macro-identification of both fresh and dry plants; forest survey for studying medicinal plants; collection of medicinal plant samples; herbarium preparation; propagation of medicinal plants; usage and maintenance of tools for medicine preparation; quality control of medicines; preparation of pharmaceutical materials; art of medicine preparation in various forms; addition of colour, odour, and taste additives.

55325 Thai Traditional Massage I***(6 credits)*****Course Learning Outcomes***

1. To gain knowledge, understanding, and differentiation of principles and methods of Thai traditional massage.
2. To gain knowledge and understanding of basic theories of Thai traditional massage.
3. To gain knowledge and understanding of principles of health promotion and therapeutic massage.

Course Description

History of massage; anatomy and physiology for massage; basic theories of Thai traditional massage; principles and methods of royal and private Thai Traditional massage; folk wisdom; massage on various parts of the body; massage for health promotion; therapeutic massage.

55326 Professional Experience in Thai Traditional Medicine***(6 credits)*****Course Learning Outcomes***

1. To realize significance and gain skills in organizational and teamwork management.
2. To gain personality development appropriately to Thai traditional medicine practice.
3. To enhance morality and professional ethics appropriately for Thai traditional medicine practice.
4. To be able to apply the principles and knowledge of Thai traditional medicine for problem-solving in systematically integrated practice.

Course Description

Application of concepts, theories, and principles of organizational and teamwork management in Thai traditional medicine practice; enhancement of morality and professional ethics; usage of problem-solving process and systematically practical development according to specified activities in Thai traditional medicine knowledge integration.

55328 Thai Traditional Pharmacy I***(6 credits)*****Course Learning Outcomes***

1. To gain knowledge and understanding of Thai traditional pharmacy principles.
2. To gain knowledge and understanding of medicinal material principles.
3. To gain knowledge and understanding of medicinal characteristics.

Course Description

Ethics in pharmacy; four principles of pharmacy; usage of herbal medicines and herb-derived medicines; national list of essential medicines; list of household remedies; medicinal plants in primary health care; toxic medicinal plants; medicinal materials; medicinal characteristics; tastes of drug ingredients and primary tastes of formulated drugs; correlation between drug tastes and elements, seasons, age, and time.

Note: Work in process of School of Health Science

55329 Thai Traditional Massage II***(6 credits)*****Course Learning Outcomes***

1. To gain knowledge and understanding of principles and theories of therapeutic massage.
2. To be able to perform therapeutic massage on process or science of Thai traditional massage.
3. To be able to compare symptoms and diseases with those based on modern medicine or alternative medicine.

Course Description

Principles and theories of therapeutic massage, physical examination, diagnosis, causal analysis, comparison of symptoms and diseases with those based on modern medicine or alternative medicine; remedy; rehabilitation; advisement; patient referrals; usage of herbal medicines with massage.

55330 Practice in Thai Traditional Massage***(6 credits)*****Course Learning Outcomes***

1. To gain skills in history taking, physical examination, evaluating examination, diagnosis, and therapy with science of Thai traditional massage.
2. To gain skills of disease prevention, rehabilitation, advisement, information record, and patient referrals, at a hospital and a health-care facility with Thai traditional medicine services.

Course Description

Practices of Thai traditional massage regarding history taking, physical examination, massage evaluation, diagnosis, therapy, disease prevention, rehabilitation, advisement, information recording, medical recording, and patient referrals, at a hospital and a health-care facility with Thai traditional medicine services.

55331 Thai Traditional Therapy I***(6 credits)*****Course Learning Outcomes***

1. To gain knowledge and understanding of philosophy, concepts, and theories of Thai traditional medicine.
2. To gain knowledge and understanding of medical ethics and vocabulary in Thai traditional medicine.
3. To be able to apply knowledge and theories of Thai traditional medicine based on textbooks on Thai traditional medicine.

Course Description

Philosophy, concepts, and theories of Thai traditional medicine; medical ethics; knowledge and significant contents in textbooks on Thai traditional medicine; and relevant vocabulary.

55332 Thai Traditional Therapy II***(6 credits)*****Course Learning Outcomes***

1. To be able to combine and integrate knowledge from textbooks on Thai traditional medicine.
2. To understand principles of therapy with science of Thai traditional medicine.
3. To compare symptoms and diseases with those based on modern medicine or alternative medicine.

Course Description

Combination and integration of knowledge from textbooks on Thai traditional medicine; principles of therapy with science of Thai traditional medicine; physical examination, diagnosis, cause analysis, therapy, disease prevention, rehabilitation, advisement, patient referrals; and comparison of symptoms and diseases with those based on modern medicine or alternative medicine.

Note: Work in process of School of Health Science

55333 Practice in Thai Traditional Therapy***(6 credits)*****Course Learning Outcomes***

1. To gain skills in history taking, physical examination, diagnosis, and therapy based on Thai traditional medicine principles.
2. To gain skills in disease prevention, rehabilitation, advisement, information recording, and patient referrals, at a hospital or a health-care facility with Thai traditional medicine services.

Course Description

Practice of Thai traditional therapy relating to history taking, physical examination, diagnosis, therapy, disease prevention, rehabilitation, advisement, information record, medical recording, and patient referrals, at a hospital and a health-care facility with Thai traditional medicine services.

55334 Thai Traditional Pharmacy II***(6 credits)*****Course Learning Outcomes***

1. To gain knowledge and understanding of the principles of groups of medicinal materials.
2. To gain knowledge and understanding of Pharmacy principles.
3. To gain knowledge and understanding of principles and methods for the production of Thai traditional drugs.

Course Description

Grouping of medicinal materials, especially based on the number of medicinal materials to be used in drug formulation as few, two or more, and many materials (*julapikat*, *pikatya*, and *mahapikat*), and special grouping; structure and analysis of Thai traditional drugs; systems of weights and measures; pharmaceutical principles; principles for preparation of high-quality drugs; preparation of less toxic drugs (calcination and detoxification); storage of prepared drugs; determination of drug expiration dates; tools for drug production and preparation; use of equipment or tools for drug preparation and storage; dispensing of Thai traditional drugs; management of Thai traditional drugstores; registration of Thai traditional drug recipes; principles and methods of Thai traditional drug production at industrial level; quality control of raw materials; quality control in the production process of finished Thai traditional drugs; laws relating to medicinal plants; research on Thai traditional pharmacy.

55335 Sociology, Anthropology and Epidemiology for Thai Traditional Medicine***(6 credits)*****Course Learning Outcomes***

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Course Description

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Note: Work in process of School of Health Science

55401 Research in Thai Traditional Medicine ***(6 credits)*****Course Learning Outcomes***

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55402 Thai Traditional Midwifery and Practice in Thai Traditional Midwifery***(6 credits)*****Course Learning Outcomes***

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Course Description

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Note: Work in process of School of Health Science**Last updated: 18-July-2023**