

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.

10121 Human Civilization

(6 credits)

Course Learning Outcomes

1. To have knowledge on Eastern and Western civilization in terms of politics, economy, and society.
2. To understand human civilization in the past which is fundamental of the current civilization.
3. To realize and appreciate the values of human civilization.

Course Description

Knowledge on Eastern and Western civilization human has created in terms of politics, economy, society, wisdom, arts, as well as science and technology.

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.

10152 Thailand and the World Community**(6 credits)*****Course Learning Outcomes***

1. To be able to gain knowledge on situations, trends and characteristics of economic, social and political relations and changes in the world community which affect Thailand.
2. To gain knowledge on the status of Thailand in the world community.
3. To be able to analyze the problem as a result of globalization in various aspects including political, economical, social and culture and impact on moral and ethic.

Course Description

Status of Thailand in social world; dynamic of social changes which affecting Thailand; problems and causes of problems arising as a result of globalization which cause the awareness, knowledge and understanding of the situation; be able to analyze the cause of problem and the impact of Thai society in various aspect including political, economic, social, moral and ethical.

10161 Thai for Communication**(6 credits)*****Course Learning Outcomes***

1. To be able to use Thai language as a tool for communication.
2. To improve language skill for communicate effectively and creatively.
3. To be able to use language in daily life and to pursuit of knowledge.

Course Description

Significance of language, idea and communication; the art of using word, sentence, idiom, phrase; development of listening, speaking, reading and writing skills to communicate effectively and creatively; using Thai language in daily life to pursuit of knowledge and transfer knowledge.

10162 Chinese for Communication**(6 credits)*****Course Learning Outcomes***

1. To gain knowledge about Standard Chinese phonology, Mandarin phonetic alphabet (Hanyu Pinyin), and be able to write and pronounce the alphabet correctly.
2. To gain knowledge about Chinese characters--as basic words or assembled ones--and sentence structure and grammar for general communication, including practice with writing Chinese characters.
3. To be able to use Chinese in everyday life.

Course Description

Standard Chinese phonology, Hanyu Pinyin transcription, basic words, and dialogues for everyday use, structural grammar, and learn and practice writing of 550 Chinese characters.

10163 Khmer for Communication**(6 credits)*****Course Learning Outcomes***

1. To possess knowledge on the phonology, letters, grammatical structure and basis sentence structure of Khmer.
2. To be able to use basic Khmer for communication in daily life.
3. To possess knowledge on Khmer words used in the Thai language.

Course Description

Khmer phonology; the practice of writing the Khmer alphabet; Crieng and Mul alphabets, basic Khmer words used in daily life; grammatical structure and basic sentence structure; listening, speaking, reading and writing skills for communication at the basic level; and Khmer words used in Thai language.

10164 Social and Culture in the ASEAN Community**(6 credits)*****Course Learning Outcomes***

1. To be able to understand ASEAN background and history.
2. To be able to understand the purpose of the integration of ASEAN member states.
3. To be able to understand social and cultural condition of ASEAN member states.
4. To be able to understand the role and relationship of ASEAN and other nations.

Course Description

ASEAN background and history; the integration of ASEAN member states; social and cultural condition of ASEAN member states; the role and relationship of ASEAN and other nations.

90201 Farm Management**(6 credits)*****Course Learning Outcomes***

1. Have basic knowledge about of farm management.
2. Analyze factors related to farm management.
3. Apply knowledge real farm management.

Course Description

Management principles and economic principles applied to farm management; factors determined types of farm; management of farm production factors; principles and practices in good farming; starting up a farm business; planning and budgeting a farm; management of farm credits; farm activities record; farm performances analysis; farm product market management; application of knowledge in farm management to agricultural extension and development.

90204 Fundamental of Agriculture, Natural Resources and Environment**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge of agriculture, natural resources, and the environment.
2. To promote understanding of the relationship among natural resources, the environment and agriculture.
3. To provide technological knowledge related to agriculture, natural resources, and the environment.

Course Description

The course outline will cover: Fundamentals of agriculture, natural resources, and environment. Relation of natural resources, environment, and agriculture. Technologies associated with agriculture, natural resources, and the environment.

90305 Animal Production**(6 credits)*****Course Learning Outcomes***

1. To provide general knowledge of animal production.
2. To provide knowledge about the principles of animal production.
3. To provide knowledge about related factors in animal production.
4. To provide knowledge about the development of livestock production.

Course Description

This course will provide general knowledge of animal production that is important to the economy in terms of conditions, potentials, and production systems. The course also will teach about the principles of animal production by discussing about related factors in animal production. These factors include animal breeds and breeding, animal feeds and feeding, animal hygiene and diseases, related technology, processing, marketing, as well as guidelines in developing animal production in Thailand.

91109 Fundamentals of Agricultural Extension and Development**(6 credits)*****Course Learning Outcomes***

1. To have knowledge and understanding about basic problems, agricultural society conditions, trends and general policies in agriculture.
2. To have knowledge and understanding about concepts, theories, and principles about agricultural extension and development.
3. To have knowledge and understanding about development, extension officers, organizations, agricultural extension and development, and target groups in various areas.

Course Description

Farmer society conditions; changes in Thai farmer society and agricultural policies; concepts, philosophies, objectives, theories, and principles of agricultural extension and development; sustainable agricultural development; roles, duties, and human resource development; agricultural extension agencies; farmers, groups, organizations, networks, target institutions, volunteers development in agricultural extension and development; models, channels, communication technology, and agricultural extension and development methods; orientation, follow-up, and evaluation; management and agricultural development projects in urban area, suburban area, and rural area.

91110 Information and Media for Agricultural Extension and Development

(6 credits)

Course Learning Outcomes

1. To have knowledge and understanding about information relating to agricultural extension.
2. To have knowledge and ability in applying agricultural information for communication, public relations, and dissemination to the target audiences.
3. To have knowledge and ability in applying information and media for appropriate knowledge management of target audiences.

Course Description

Concepts, types, and characteristics of agricultural extension and development information; information resources and searching; knowledge about information technology; information management in agricultural community; application of computer technology in agricultural extension and development; analysis, planning, and management of medias for personal, group, mass, and social network public relations and dissemination of agricultural extension and development; printing media, sound media, movie media, and electronic media production in agricultural extension and development for farmers development and agricultural organizations; knowledge creation; production and agricultural product market; follow-up and evaluation of the information and media application in agricultural extension work.

91466 Animal Production for Recreation and Economics

(6 credits)

Course Learning Outcomes

1. Have general knowledge of recreational animal production in Thailand and other countries.
2. Have knowledge of principles of recreational animal production as significance to economic.
3. Have knowledge of promotion ways of recreational animal production for selling at local, national, and international markets.

Course Description

Fundamentals of recreational animal production in Thailand and other countries, including situations and potentials of production; principles of recreational animal production and management for ornament, entertainment, or sports, and pets; animal production for industrial purposes; varieties, feeds and feeding, diseases and their controls; management of production, marketing, and related business; promotion ways of recreational animal production for selling at local and national markets, and exports.

91470 Wisdom, Knowledge Management and Transfer**(6 credits)****in Agricultural Extension and Development*****Course Learning Outcomes***

1. To have knowledge and understanding of concepts of knowledge and knowledge management.
2. To have knowledge and understanding about models and knowledge management methods in agricultural extension work.
3. To have knowledge and understanding about the principles and knowledge management processes.
4. To have knowledge and understanding about the concept and management of community wisdom for agricultural extension and development.
5. To have knowledge and understanding about knowledge transfer

Course Description

Concepts about knowledge and knowledge management; models and methods of knowledge management in agricultural extension and development; principles and processes of knowledge management; concept of community wisdom; community wisdom management for agricultural extension and development; knowledge management planning, knowledge management, reporting on knowledge management results. knowledge transfers planning, and agricultural knowledge transfer operation; monitoring and evaluation of knowledge management and knowledge transfer.

91471 Agricultural Leader, Group, Organization, and Network**(6 credits)*****Course Learning Outcomes***

1. To have knowledge about leaders.
2. To have general knowledge about concepts and group theories.
3. To have knowledge about group types, principles of establishment, operation, analysis, and evaluation of groups.
4. To have knowledge of group development and networks approaches.

Course Description

Concepts and theories about leaders in agricultural extension and development; leadership development process and leadership selection; leadership development, development and management of agricultural groups, organizations, and networks; analysis, monitoring, and evaluation of leaders, groups, organizations, and agricultural networks; problems and directions of development of leaders, groups, organizations, and agricultural networks.

93345 Animal Breeding and Reproduction**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge about the principles of basic genetics.
2. To provide knowledge about the principles of animal breeding.
3. To provide knowledge about the animal reproduction system.
4. To provide knowledge about the breeding and reproductive techniques of domestic animals.
5. To provide knowledge of guidelines for animal breeding.

Course Description

This course will teach about the principles of basic genetics, animal breeding and its methods, animal reproduction system, breeding and reproductive techniques of domestic animals as well as guidelines for animal breeding.

93354 Feeds and Feeding**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge about feeds and its nutrients.
2. To provide knowledge about the nutrient requirements of domestic animals.
3. To select and use suitable feedstuffs for domestic animals.
4. To provide knowledge about feed production processes.
5. To provide knowledge about animal feeding.

Course Description

This course will teach about feeds and its nutrients, nutrient requirements of domestic animals, feedstuffs, feed production processes, and animal feeding.

93355 Animal Health Management**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge about animal hygiene.
2. To provide knowledge about animal health management.
3. To provide knowledge about the prevention, control, and treatment of animal diseases.
4. To provide knowledge about laws and regulations related to animal health.

Course Description

This course will teach about the principles of animal hygiene, animal health management, the prevention, control and treatment of animal diseases, as well as related laws and regulations to animal health.

93448 Professional Experience in Animal Production Management**(6 credits)*****Course Learning Outcomes***

1. To integrate the knowledge of animal production management.
2. To apply the knowledge of animal production management to their actual occupational practices.
3. To accumulate professional ethics and morality regarding to the animal production management.

Course Description

The course will teach about the integration of principles and techniques in animal production management as well as the situations of the livestock market to actual occupational practices. Moreover, the lessons included are the study of situations, operational guidelines and problem solving in animal production management from case studies as well as its development and encouragement of morals and professional ethics.

93456 Cereal and Forage Crop Production Management for Business**(6 credits)*****Course Learning Outcomes***

1. To enable students to explicate principles of cereal and forage crop production management.
2. To enable students to decision for cereal and forage crop productions conform with potential and circumstance of business.
3. To enable students to choose appropriate technology for cereal and forage crop productions conform with crop production and environmental conservation circumstances.
4. To enable students to explicate value adding and standards of cereal and forage crop production.

Course Description

Category of cereal and forage crops; concepts of production management, marketing, production input, production processes managements, production and post-harvest techniques; standards relevance to value added; decision of and appropriate technology selection for productions of importance cereal and forage crops of Thailand concerning production and environmental conservation circumstances, as well as relevance to potential of business.

93460 Practical Training in Animal Production Management**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge about the animal production management, starting from planning, operations, and marketing.
2. To provide skills and experiences in all processes of the animal production management, starting from planning, operations, and marketing.
3. To analyze the animal production management results as well as to provide recommendations and suggestions efficiently.

Course Description

This course will discuss about the theoretical and practical training in animal production management, covering all processes starting from planning, operations, and evaluation. The course will also cover the lessons in the analysis of problems in animal production management as well as skills for setting guidelines in developing and providing efficient recommendations regarding to the animal production management. This also includes the field study and topic discussions among students.

93461 Animal Products and Marketing Management**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge about the management of animal products and the processing that add values to livestock products.
2. To provide knowledge about the markets of animal products and its marketing management.

Course Description

This course will teach about the management of important animal products and by-products, the processing that add value to the products from livestock, its markets and marketing management as well as trade regulations and conditions.

93462 Swine and Poultry Production Management**(6 credits)*****Course Learning Outcomes***

1. To provide knowledge about the swine production management.
2. To provide knowledge about the poultry production management.
3. To apply the obtained knowledge in swine production.
4. To apply the obtained knowledge in poultry production.

Course Description

This course will cover the lessons about the production systems, planning procedures, and management in swine production, starting from the management of production factors to the launching of products to the markets.

The course will also cover the lessons about the production systems, planning procedures, and management in poultry production, starting from the management of production factors to the launching of products to the markets.

93463 Ruminant Production Management

(6 credits)

Course Learning Outcomes

1. To provide knowledge about the ruminant production management.
2. To apply the obtained knowledge in ruminant production management.

Course Description

The course will cover the lessons about the production systems, planning procedures, and management in ruminant production, starting from the management of production factors to the launching of products to the markets.

93465 Aquaculture Management

(6 credits)

Course Learning Outcomes

1. To provide knowledge about the aquatic animal production management.
2. To apply the obtained knowledge in aquatic animal production management.

Course Description

The course will cover the lessons about the production systems, planning procedures, and management in aquatic animal production, starting from the management of production factors to the launching of products to the markets.

93466 Technology in Animal Production Management

(6 credits)

Course Learning Outcomes

1. To provide knowledge about the related technologies in the animal production.
2. To be capable of applying technological knowledge to animal production management.

Course Description

The course will cover about the importance, principles, and application of related technologies in animal production, starting from farm management, transportation, product processing, and marketing.

93469 Research in Animal Production Management

(6 credits)

Course Learning Outcomes

1. To provide knowledge about the principles and methods of research.
2. To provide knowledge about the research guidelines for animal production management.
3. To apply the principles and methods of research in animal production management.

Course Description

This course will provide general knowledge of research, research guidelines and principles, research methods, statistics for data analysis, interpretation of research results, research publication, and the application of principles and methods in animal production management research.

94329 Fundamentals of Agribusiness and Entrepreneurship

(6 credits)

Course Learning Outcomes

1. In order to have knowledge and understanding of agribusiness and agribusiness management.
2. In order to have knowledge and understanding about agribusiness entrepreneurship.
3. In order to be able to apply knowledge to agribusiness and entrepreneurship.

Course Description

The concept and importance of agribusiness; agribusiness system from the production factor business, agricultural production business, agricultural processing business and agricultural products distribution business; including support in the operation of agricultural business; concept of agribusiness management; organization and organizational behavior in agribusiness; Human Resource Management in agribusiness.

The concept and importance of entrepreneurship; types of entrepreneurs in agribusiness; entrepreneurship strategy creativity and the adaptation of agribusiness to change; modern business; characteristics of agribusiness operations in Thailand and abroad and having good governance and ethics in agribusiness operations.

94330 Agribusiness Operations and Processing Management**(6 credits)*****Course Learning Outcomes***

1. In order to have knowledge and understanding of operational management.
2. In order to have knowledge and understanding about agricultural product processing.
3. In order to be able to apply knowledge to the agribusiness operations.

Course Description

Concepts and roles of operations management; functions of agribusiness operations; action planning; location selection; production process planning; productivity concept; quality control and production efficiency of agricultural products.

Agricultural product processing concept; post-harvest management; methods and technology of agricultural processing; processing of agricultural products as food and non-food; innovative agricultural processing; establishment of an agricultural processing factory; ethics and responsibilities of agricultural; processing operator privatization with sustainability in mind.

94464 Management of Logistics and Supply Chains in Agribusiness**(6 credits)*****Course Learning Outcomes***

1. To give students knowledge and understanding of logistics management.
2. To give students knowledge and understanding of supply chain management.
3. To enable students to apply knowledge gained to agribusiness operation.

Course Description

Concepts of basic constructs being management factors supporting logistics and supply chain activities and operations; customer requirements and services, procurement and delivery, inventory management, warehousing, multimodal transportation, supplier and customer relationships, network design, performance measurements, related information systems, competitive status and potential evaluation for business capacity building in response to customer requirements, increasing safety and confidence, and resulting in cost reduction depending on logistics activities.

94465 Agribusiness and Entrepreneurial Development**(6 credits)*****Course Learning Outcomes***

1. To give students knowledge of agribusiness development and entrepreneurial management.
2. To enable students to determine appropriate strategies and methods for agribusiness development and entrepreneurial management.
3. To enable students to apply the knowledge to develop business models and agribusiness development plan.

Course Description

Concepts of agribusiness development and entrepreneurial management leading to competitive advantage; development of business models for agricultural goods and services; agribusiness development strategies; research and development; utilizations of innovations in agribusiness; knowledge management; entrepreneurship development including entrepreneurial orientation and competence; development of organizational culture and leadership to bring agribusiness to sustainable growth.

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