

## COURSE DETAILS

### **10103 Life Skills (6 credits)**

#### ***Objectives***

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)**

#### ***Objectives***

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)**

#### ***Objectives***

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)**

#### ***Objectives***

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)*****Objectives***

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)*****Objectives***

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)*****Objectives***

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.

**10164 Social and Culture in the ASEAN Community****(6 credits)*****Objectives***

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.

**11301 English for Business****(6 credits)*****Objectives***

1. To acquire knowledge on the English structure, vocabulary, and expressions used in business circles.
2. To be able to use English efficiently for communication in business.

***Course Description***

English structure, vocabulary and expressions used in business circles for the purpose of increasing effective communication and efficiency.

**15337 Communication and Development****(6 credits)*****Objectives***

1. To understand the concepts, scope, meanings, importance and evolution of development communication.
2. To understand principles of planning and tactics for development communication.
3. To understand how to apply principles and means of communication in order to develop the society and solve problems which occur in development.

***Course Description***

This course covers the concepts, scopes, meanings, importance and evolution of development communication; innovations, planning and managing communication strategy for the development of individuals, community, society and countries in terms of education, society, culture, economy, politics and environment; and applying communication principles and measures to solving problems which occur in development.

**30201 Introduction to Administration****(6 credits)*****Objectives***

1. To acquire knowledge and understanding about the meaning, status, scope and development of administration discipline.
2. To acquire knowledge and understanding of administration philosophy, theory, learning approach, and methods of analysis.
3. To be able to relate administration with other disciplines.
4. To be able to adopt the information studied to administration.

***Course Description***

Meaning and essence of administrative discipline; scope and development of administration; important theories and concepts in administration; similarities and dissimilarities between different types of administration.

**32302 Marketing Management****(6 credits)*****Objectives***

1. To acquire understanding about market roles and market trends which affect national business and the economy.
2. To acquire knowledge and understanding about marketing processes.
3. To acquire knowledge about consumer behaviour.
4. To acquire knowledge and understanding about marketing planning and strategy.
5. To acquire knowledge about customer relations management.

**Course Description**

Definitions, importance, roles and functions of marketing; marketing concepts and philosophy; marketing information systems; marketing procedures, marketing trend, and consumer behaviour; market targeting; analysis of marketing opportunities and barriers; strength and weakness analysis; marketing mix management; marketing planning, operation, control and assessment; customer relations management; marketing ethics

**32304 Human Resource Management****(6 credits)****Objectives**

1. To acquire knowledge on procedures for human resource management in an organization.
2. To acquire knowledge about laws, organizations, technology and environment related to human resource management.

**Course Description**

Principles and concepts of human resource management; scope and functions of human resource management such as personnel planning, staffing, personnel development, job performance evaluation, motivation, compensation management, benefits and services, discipline and professional ethics, health and safety; laws and organizations concerned with human resource management; relationship between human resource management and technology and the environment.

**32403 Human Behavior in Organizations****(6 credits)****Objectives**

1. To acquire knowledge about concepts of human behaviour which have impact on an organization or its employee.
2. To understand and be able to explain theories and concepts on interpersonal relations, motivation and working morale.

**Course Description**

Characteristics and concepts of human behavior in relationships between two individuals, individual and group, individual and organization, and between different groups; influence of human behavior on organizations; communications; coordination and decision-making; motivation theories and techniques; human relations and morale building.

**33412 Human Resource Planning****(6 credits)****Objectives**

1. To acquire knowledge and understanding about background, significance, concepts, principles, scope and process of human resource planning.
2. To acquire knowledge and understanding about important factors and techniques for human resource planning.
3. To acquire knowledge and understanding on situation and problems of human planning and solutions.
4. To acquire knowledge and understanding about human resource planning trends.
5. To acquire knowledge and understanding about human resource planning and practical application.

**Course Description**

Background, significance, concepts, principles, scope and methods of human resource planning; factors and techniques for human resource planning; **on** situations and problems of human resource planning and solutions; human resource planning trends; practical application.

**71101 Fundamental Sciences for Food and Nutrition (6 credits)****Objectives**

1. To gain understanding of basic chemistry for food and nutrition.
2. To gain understanding of basic biology and microbiology for food and nutrition.
3. To gain understanding of basic physics for food and nutrition.
4. To gain understanding of basic applied science for food and nutrition.

**Course Description**

Fundamental of chemistry, biology, and physics for food science and nutrition, atoms and molecules, classification of matters, state of matter, solution preparation, acid-base, hydrocarbon, chemical reaction, changes in food, biomolecules and metabolism, cells biology and genetics, microbiology, biotechnology and genetic engineering, occupational health and basic ergonomics, basic knowledge of equipments for food and nutrition.

**71200 Human Being and Ecosystems (6 credits)****Objectives**

1. To acquire fundamental knowledge of humans and the ecosystem.
2. To acquire understanding of the linkage between the human way of life and the ecosystem.
3. To raise awareness of responsibility involved in interaction between humans and the ecosystem.

**Course Description**

Concepts related to the human ecosystem, interaction between humans and the ecosystem (family, community/Society, country, world) through dimensions relating to health, hygiene, economy, education, resources and resource management in the ecosystem, mechanisms for building balance between humans and the ecosystem, raising of awareness and responsibility toward balancing and preservation of the human ecology, create awareness and appreciation for value of ecosystem.

**71202 Human Nutrition (6 credits)****Objectives**

1. To acquire knowledge related to food substances, balance of energy and nutrition and way of living.
2. To acquire knowledge related to science, and principles of guidance on nutrition for families.
3. To acquire knowledge and understanding of nutrition's significance for life in each age including evaluation of nutrition condition.
4. To acquire ability for the practical application of nutrition knowledge to daily life.

**Course Description**

Knowledge of nutrition and health fundamentals, need for energy and food substances in the human life cycle, food substances, energy balance and way of living, safety of food and food selection according to nutrition principles, understanding of needs and food substance throughout the life cycle, knowledge of nutrition science for families and principles of nutrition guidance, nutrition for each age of life and for special individuals i.e. athletes, pregnant women and evaluation of individual nutrition condition.

**71203 Basic Food Science and Technology (6 credits)****Objectives**

1. To gain knowledge and understanding of food composition and changes that affect food quality.
2. To gain knowledge and understanding of food preservation, food processing methods, and food additives used in the process.
3. To gain knowledge of food package material and food sanitation.
4. To gain knowledge of food science research and future food development trends.

**Course Description**

Knowledge of food composition, physical and chemical changes occurs in food, food quality and deterioration, principles of food preservation and processing, processed food production using various methods, food additives, food packaging, sanitation in industrial food plants, food science research, current and future trends of food product development.

**71204 Nutrition Education and Communication****(6 credits)****Objectives**

1. To gain knowledge of nutrition education and communication principles.
2. To gain knowledge and understand mechanisms of education and communications for behavioral changes in food and nutrition.

**Course Description**

Principles of social nutrition education and communication for behavioral change, education of food and nutrition in food chain, influence of current media in food consumption behavior, knowledge and understanding of food consumption behavior analysis; principles, types, and approaches in effective education and communication for desired behavioral change; media context, targeting media group, creating appropriate media, components of communication related to understanding, attractiveness, recognition, and behavioral change, food and nutrition counseling, building education and communication team

**71205 Food Chemistry and Microbiology****(6 credits)****Objectives**

1. To gain knowledge and understanding roles of nutrients and other essential biomolecules in human metabolism.
2. To gain knowledge and understanding important nutrient structures and properties in foods.
3. To gain knowledge and understanding food roles in biochemical abnormalities in the human body, and food toxins.
4. To gain knowledge and understanding chemical changes in food production and storage.
5. To gain knowledge and understanding the role of microorganisms in food, deterioration, and utilization in food production.
6. To gain knowledge and understanding principles of food analysis by using chemical, microbiological and physical techniques.

**Course Description**

Important role of carbohydrates, proteins, lipids, vitamins, minerals, and water in human health and food composition; other important biomolecules in food biochemistry such as hormones and phytochemicals; food toxins; eating food on physical abnormalities; chemical changes in food during production and preservation; harms and benefits of microorganisms such as bacteria, molds, and yeasts; analysis of food quality relying on chemical, micrological and physical principles.

**71206 Consumer Behavior and Protection in Food and Nutrition****(6 credits)****Objectives**

1. To gain knowledge of food consumption behavior.
2. To gain knowledge of factors influencing food consumption behavior.
3. To be able to study and analyze food consumption behavior.
4. To apply knowledge for find out the way to improve consumers' food behavior.
5. To find out how to empower consumers in building healthy food environments.
6. To gain knowledge and understanding food laws and consumer protection laws.

**Course Description**

Consumer behavior and analysis, factors influencing consumption behavior of individuals, community, and society; principles and theories of health behavior; knowledge, attitude, and food consumption behavior for health; consumer power and food environment that benefits Thai people; laws, regulations, codes, and enforcement pertaining to consumer protection, and relevant government/nongovernment in consumer protection.

**71207 Principle and Applications of Nutrition Assessment Methodology (6 credits)****Objectives**

1. To gain knowledge and understanding of basic nutrition assessment.
2. To gain knowledge and understanding of principles of community nutrition assessment.
3. To gain knowledge and understanding of principles of nutrition assessment for patients.
4. To enable students to assess nutritional status.

**Course Description**

Roles and importance of nutrition assessment process, anthropometry, biochemical assessment, clinical assessment, dietary assessment, community nutrition assessment, application of nutrition assessment in different age and health status for surveillance, protection, and treatment.

**71311 Food Production and Processing Technologies (6 credits)****Objectives**

1. To gain knowledge of food processing and preservation.
2. To gain knowledge and understanding of food quality control system for food production and distribution.
3. To gain knowledge and understanding of tools, equipments, machines and packages used in food preservation and processing.
4. To gain knowledge and understanding of green technology in food processing
5. To gain knowledge and understanding of food production planning

**Course Description**

Food production planning and management: raw material supply, food production, food storage, food packaging, transportation; resource management, food quality control, food traceability.

Raw material preparation for food process, instruments and technology in food preservation and processing for community and industrial levels, innovation for food processing, effects of processing methods on food product quality, utilizing food waste from production, and green technology in food production.

**71312 Basic Statistics and Applications in Food and Nutrition (6 credits)****Objectives**

1. To gain knowledge of principle of statistics for food and nutrition research.
2. To gain knowledge of basic mathematics used for statistics.
3. To gain knowledge and understanding of descriptive statistics.
4. To gain knowledge and understanding of inferential statistics.
5. To be able to explain how to present statistical and significance data.
6. To be able to interpret statistical results in food and nutrition research

**Course Description**

Basic statistics in food and nutrition research, basic mathematics for statistics, descriptive statistics, inferential statistics, statistical analysis for food and nutrition research, statistics for food product development research, statistical and significance data presentation, statistical result interpretation for food and nutrition research.

**71313 Food Hygiene and Safety Management****(6 credits)****Objectives**

1. To gain knowledge and understanding of food sanitation importance and food safety situation.
2. To gain knowledge and understand food hazards, food contamination and effects on health.
3. To gain knowledge and understanding of food safety standards throughout the food chain.
4. To be able to apply food sanitation in food industry and service.

**Course Description**

Importance of food sanitation, food safety situation in Thailand and international, food hazards, causes of food contamination, contaminated food that causes illness, risk management related in food system, food safety standards on food supply chain (applications of quality management system for food safety and food management throughout food supply chain), good agricultural practices, good hygiene practices, good manufacturing practices, Hazard Analysis Critical Control Points in food manufacturing and food service industry.

**71314 Food Product Development****(6 credits)****Objectives**

1. To gain and understanding research, information development, and concept in product development processes, including principles of food marketing for product development.
2. To gain and understanding research and product development processes.
3. To gain and understanding processes of product testing and evaluation.
4. To gain and understanding food law and regulation for food claim and customer protection.

**Course Description**

Concept and important of food product development; new product idea creating and screening; guideline on product development for value-added products, customer behaviors, development of food formula and processes for new product; selection of packaging materials; statistics in product development; shelf-life evaluation under actual storage conditions before releasing a product to market; product testing in market; intellectual properties, food label design, creating new value-added products associated with culture meanings.

**71315 Food and Nutritional Management in the Elderly****(6 credits)****Objectives**

1. To gain knowledge and understanding about physiological and mental changes in elderly that related to nutritional status.
2. To understand the nutrition care process in elderly for both patients and healthy individuals.
3. To be able to apply the nutrition knowledge obtained from this module to use in everyday life.

**Course Description**

The physiological changes in elderly, their nutrition requirement, nutrition problems and factors that could lead to malnutrition, the principles of food management for elderly in organization, community and household level, trends and beliefs that affect their eating habit, nutritional supplements for elderly, the relationship between the use of medicine and nutritional status, nutrition care process in elderly patients.

**71316 Physiology and Nutritional Biochemistry****(6 credits)*****Objectives***

1. To understand structure and properties of macronutrients and micronutrients.
2. To understand metabolism of each nutrient in human body.
3. To understand the roles of human organ systems in maintaining metabolic balance.
4. To understand the functions of hormones and nutrients in human metabolism.
5. To understand physiological disorders that relate to nutrients metabolism.
6. To be able to interpret biochemical data for an identification of physiological disorders.

***Course Description***

Basic knowledge in structure and properties of nutrients, metabolic pathway of each nutrient, factors that affect digestion, absorption and utilization of nutrients, the effects of nutrients on human physiology and metabolism, functions of hormones in nutrients metabolism, the effects of physiological disorders on controlling and utilization of nutrients and biomolecules in human body, the principle of interpreting biochemical data to indicate physiological disorders.

**71317 Nutrition and Exercise for Health and Weight Control****(6 credits)*****Objectives***

1. To be able to explain the concept of balanced diet for healthy life.
2. To understand the principle of diet planning that is suitable for each level of physical activity.
3. To understand and be able to apply the knowledge of nutrition in weight management.
4. To understand and be able to apply the knowledge of nutrition in daily exercise.

***Course Description***

Concepts and principles of nutrition in an aspect of health, diet planning, food products and types of processing for healthy diet, applying nutrition knowledge for weight management and daily exercise in people with different age group and health status.

**71411 Food and Nutrition Therapy****(6 credits)*****Objectives***

1. To gain knowledge about nutrients need of normal subjects under special conditions, able to prepare food for people of different conditions.
2. To understand patients' physical changes and moods.
3. To assess patient's nutrition status and plan appropriate nutrition therapy for patient's condition.

***Course Description***

Food and nutrition therapy knowledge, relationship of nutrition to diseases, healthy eating for subjects with chronic noncommunicable disease i.e. obesity, diabetes, hyperlipidemia, hypertension, cardiovascular disease, and cancer; physical and emotional changes when afflicted with diseases; roles and responsibilities of dietitian and nutritionist; assessing patient's nutritional status and nutrition therapy, planning, control, supervision, recommendation, and food arrangement appropriate for patient's needs and changing conditions.

**71414 Food Quality Control and Assurance****(6 credits)*****Objectives***

1. To gain knowledge and understanding of quality control and assurance principles.
2. To gain knowledge and understanding of quality control methods by chemical, physical, microbiological, and senses techniques.
3. To gain knowledge and understanding of food law that manufacturer must abide by and protect the consumers.
4. To gain knowledge and understanding of food standards for quality assurance.
5. To gain knowledge and understanding of quality management system and integrated standards in food industry.

***Course Description***

Quality control and assurance principles, quality control by using statistical principles, control plan, sampling plan, quality testing and assessment by using chemical, physical, microbiological, and senses technique.

Importance of food standards, setting domestic and international food standards, quality management system standards, environmental management system standards, integrated standard concept in domestic and export food industry.

**71415 Food Service Management in Institutions****(6 credits)*****Objectives***

1. To gain knowledge on basic business administration in food services.
2. To be able to manage food services in schools, hospitals, and hotels.
3. To be able to operate small and medium restaurants of different types.

***Course Description***

Basic principles of different food services operations, quality control in food service for standard test and assessment.

**71416 Professional Experience in Food, Nutrition, and Applications****(6 credits)*****Objectives***

1. To be able to integrate concepts for development of food production and food processing, quality management, control, food product development, food sanitation and food safety throughout the production chain and food service.
2. To be able to integrate nutrition assessment, set up a menu according to nutrition principles, applying food for disease protection and therapy, communication for promoting desired nutrition behavior in community and society.
3. To enhance morality and ethics in operations and food and nutrition operations.

***Course Description***

Integrate concept in food production and processing development, quality management, control, food product development, food sanitation and food safety throughout production chain and food service.

Integrating nutrition assessment, set up menu according to nutrition principles, applying food for disease protection and therapy, communication for promoting desired nutrition behavior in community and society.

Integrity and ethics in food and nutrition work operation and enterprise; applying food laws and economic principles to consumer protection, factors effecting success in food and nutrition career.

**71417 Principles of Food and Restaurant Business Managements****(6 credits)*****Objectives***

1. To gain knowledge and understanding type and characteristics of food and restaurant business.
2. To gain knowledge and understanding food and restaurant business systems and business process including raw material management, storage, food production or preparation, and costs calculation.
3. To gain knowledge and understanding principles of promotion in marketing and advertiment for food and restaurant business.
4. To gain knowledge and understanding principles and application of information technology for food and restaurant business management and development.

***Course Description***

Concepts for business plan and management of food and restaurant business; scope of business that refers to raw material management, food storage, food preparation and production regulated under food standards and international food management principles, and costs calculation; guideline for improving business; principle of marketing, promotion and advertiment, principle of information technology for food and restaurant business; use of computer and software for food and nutrition management; data utilization for business decisions about food and restaurant business.

**72101 Psychology for Living****(6 credits)*****Objectives***

1. To acquire knowledge and understanding of concepts, theories and methods to study human behavior.
2. To acquire ability for the practical application of psychological knowledge to self and family development in daily life.
3. To acquire ability for the practical application of psychological knowledge to professional development and living together in society.

***Course Description***

Concepts and theories related to human behavior, principles and methods to study human behavior, factors effecting human behavior, human potential and differences of people, perception, systematic thinking and learning, attitudes, motivation and communication skills, habits and personality, mental health and emotion management and adaptation, deviational behavior and solutions, human social behavior including practical application of psychology to development of family life, profession and living together in society.

**72201 Family Studies****(6 credits)*****Objectives***

1. To acquire knowledge relating to Thai family circumstance as well as concepts, and theories in order to understand Thai families.
2. To enable students to apply different dimensions of Family Studies to the development of quality of life of family members.
3. To acquire the ability to apply Family Studies knowledge to career development in line with family, community and society circumstances.

***Course Description***

Thai family circumstances, concepts, theories for Thai family understanding, Thai family structure and family role, Thai family development, family and learning process as well as socialization, value system and family indigenous wisdom, family solidarity, learning parental role, family and communication and selection of media consumption, family well-being, family and life problems and adaptation, family and learning of society problem conditions, religious principles for leading life including interaction between family and environment.

**72202 Child Development****(6 credits)*****Objectives***

1. To acquire knowledge regarding concepts, theories on child development for each age and factors related to child development at each age.
2. To acquire knowledge and understanding of raising children at each age and promoting child development in accordance with needs of children in each age group as well as solutions to child behavior problems.
3. To acquire the ability to apply knowledge and understanding of child development and child raising at each age to the development of a career involved with child development.

***Course Description***

Circumstances of Thai youth, concepts and theories related to child development in each age, beliefs concerning raising children, development and all aspects of growth at each age from conception until school, factors concerning growth and development of children at each age, both internal and external family factors, raising and development of children at each age, evaluation of development and behavior of children at each age, including preventive action and solutions to problematic behavior.

**72203 Family and Community Resources Management for the Quality of Life****(6 credits)*****Objectives***

1. To acquire knowledge and understanding of concepts and theories related to principles of family and community resources management.
2. To acquire ability in the practical application of knowledge and understanding of principles of family and community resources management to meet the needs of family members of all ages.
3. To acquire the ability to select community resources efficiently and to access all social welfare entitlements.
4. To acquire ability in the efficient practical application of knowledge and understanding of principles of family and community resources to career development.

***Course Description***

Concepts and theories relating to principles of family and community resources management, quality of life and family and community resources management, family resources management in terms of time, labor, finance including fundamental factors for leading life, community resources management for family life development i.e. education, health and career including family and community resources management for the development of community, social capital and environment in line with social change with accessibility to a wide range of social welfare.

**72204 Family Economy****(6 credits)*****Objectives***

1. To acquire knowledge and understanding related to family finance and economy, economic concepts related to family decisions and consumer behavior.
2. To acquire ability in family economic management for better quality of life according to the principle of the sufficiency economy in family life span.
3. To acquire ability in identifying family targets and financial plans with practical application of financial knowledge to build up family financial stability.
4. To acquire ability in family economic management under economic crisis and current change of society, technology and government economic policy.

***Course Description***

Concepts regarding family financial and economic management, economic concepts related to decision making in family affairs, consumers behaviors and consumption, identification of family targets and financial plans according to the principle of the sufficiency economy in family life span, budgeting and family accounts, management of family property and finance, financial institutions and banks, savings, investment, taxation, risk insurance, financial management and family consumption to meet with current circumstances, economic crisis and government economic policy.

**72205 Statistics and Research in Human and Family Development****(6 credits)*****Objectives***

1. To acquire knowledge and understanding of statistics in data compilation and analysis for human and family development.
2. To acquire knowledge and understanding of principles of research and human and family development approach.
3. To acquire ability in the practical application of results from research in human and family development to both leading life and work performance.

***Course Description***

Statistics related to data compilation and analysis for conducting research, frequency, measure of central value, measure of dispersion, estimation, hypothesis, analysis of variances, correlation and regression, research principles and research methodology in human and family development, application of statistics and research relating to human and family development work.

**72301 Adolescent Development****(6 credits)*****Objectives***

1. To acquire knowledge regarding concepts, theories and adolescent development, factors related to adolescent development at each age.
2. To acquire knowledge and understanding of raising adolescents as well as promoting adolescent development at each age.
3. To take a practical application of adolescent knowledge and understanding to promote overall development in line with needs of adolescents at each age.
4. To acquire ability in laying guidelines that aim to promote adolescent responsibility and ethics as well as preventive action and solutions to adolescent problems.

**Course Description**

Circumstance of adolescents in Thai society, concepts and theories related to adolescent development, growth and overall adolescent development, factors related to adolescent growth and development both internal factors i.e. personal, family, society including friends and media, relationship between adolescents and parents, adolescent problematic behaviors; spending free time and adolescent recreation, drug, sex education for adolescents as well as promotion of adolescent responsibility and ethics.

**72302 Policies and Laws Related to Family****(6 credits)****Objectives**

1. To acquire knowledge and understanding of policies, plans and laws related to family.
2. To acquire ability in the practical application of policies, plans and laws related to work and life.
3. To acquire ability in practical application of policies, plans and laws related to family enabling preventive action and solution to family, community and society problems.

**Course Description**

Concepts and body of knowledge related to identification of policy administration, planning at national and local level as well as family and society policies involved with family individuals, role of family and community's participation in identification and administration of policy, concepts and body of knowledge related to social, family laws, laws related to leading life, promotion, protection of children, women, aging and family members to lead their lives happily, awareness of rights and exercise of rights, protection of rights according to law, awareness of legal duties, privilege of leading life under the concepts of human rights protection, impacts of policies and laws on family members' ways of life.

**72303 Adult Development and Aging****(6 credits)****Objectives**

1. To acquire knowledge and understanding of concepts and theories related to adult development and aging.
2. To acquire knowledge and understanding of environmental contexts effecting adult development and aging.
3. To acquire ability in the practical application of knowledge of adult development and aging to family, community and society in daily life.

**Course Description**

General condition of Thai adults and aging, concepts and theories related to overall adult development and aging, definition and nature of adults and aging, family, marriage, parental status, career and work situation, relations and roles of adults and aging with family members, adaptation and crisis management in adult and aging stages as well as preparedness prior to retirement and taking care of the aged in the family.

**72304 Social Welfare and Family Services Management****(6 credits)****Objectives**

1. To acquire knowledge and understanding of concepts and theories related to social welfare for families.
2. To acquire knowledge and understanding of concepts and theories related to family services management.
3. To acquire ability in practical application of knowledge and experience in promoting, accessing and/or participating in social welfare and family services management.

**Course Description**

Concepts and theories relating to social welfare, definition and models of social welfare, offices and mechanism responsible for social welfare management, accessibility and participation in social welfare management, problems and obstacles in accessibility to social welfare including guidelines for social welfare management that meet with needs of family members of all ages, concepts, definition, scope and models of family services management, principles for family services management, establishment process for a family services office.

**72305 Family Life and Community Study****(6 credits)****Objectives**

1. To acquire knowledge and understanding of concepts and theories related to family life and community study.
2. To acquire ability in the study and analysis of family life and community circumstances.
3. To acquire ability in proposing guidelines to strengthen family and community as well as guidelines to take preventive action and solve family and community problems.
4. To acquire ability in preparing reports from family life and community study.

**Course Description**

Concepts and theories relating to family life and community study, study guidelines relating to family life and community, morality and ethics in family life and community study, diversity of culture in community and change, study of relationships between family life and community with work, religion, education, public health services, social welfare and public utility, data collection regarding family life and community, analysis of status and preparing reports on family life and community, project writing to strengthen family and community, proposal of prevention and solutions to family and community problems as well as proposal of policy for the development of family life and community at local level.

**72401 Thai Family System and Diversity in Global Perspectives****(6 credits)****Objectives**

1. To acquire knowledge and understanding of concepts and theories related to the family system.
2. To acquire knowledge and understanding of concepts and theories related to the Thai family system and families of different cultures.
3. To acquire ability in comparing family systems with diverse perspectives both in Thai society and of different cultures.
4. To acquire ability in linking knowledge and understanding of the family system and family of different cultures with changing global society.

**Course Description**

Concepts and theories related to family systems and diversity from a global perspective, family systems and cultural value systems, dynamics of family systems in diverse families, the Thai family system and diverse cultures, the Thai family system in each region and local cultures, urban and rural Thai family systems, Thai hill tribe family systems with diverse cultures, Thai family systems with diverse religions, diverse races, diverse genders, family systems of special character individuals, family systems of countries with similar cultures and different cultures, family systems and change of global society in terms of economy, society, culture, politics, technology and environment.

**72402 Professional Experiences in Human and Family Development****(6 credits)*****Objectives***

1. To acquire ability in practical application of human and family development in families, society and self development as well as in making a living.
2. To develop personality, attitude, leadership, skill and experience in co-working within a dynamic group.
3. To acquire the ability to study results of human and family development research and publications to disseminate knowledge for solving family, society and career problems.
4. To promote morality, ethics and professional code of conduct as well as good conscience in work performance involved with individuals, families, human and family development, community and society.

***Course Description***

Application of knowledge of human and family development to practice, use of knowledge of human and family development in leading life and making a living, development of personality, attitude, leadership, professional code of conduct relating to human and family development, study of research and dissemination of knowledge to the public, quality of life development, prevention and solutions to family, social, and career problems, dynamic group to promote morality, ethics, and good conscience in work performance involved with individuals, family, community and society.

**Last updated: 3-July-2019**