

**Bachelor of Business Administration**  
**Program in Business Computer (Year 2017)**

**Course Descriptions**

- 001201 Thai Language Skills 3(2-2-5)**  
 The importance and characteristics of Thai language in Thai society as a meaning making tool. Learning about various kinds of modern media including newspapers and electronic media. Cultivating reading habits and practicing analyzing and criticizing literary values especially relations and values in Thai and global societies in various contexts (economics and politics in different situations) along with developing Thai language skills especially reading and writing.
- 001211 Fundamental English 3(2-2-5)**  
 Development of basic English listening, speaking, reading skills and grammar for communication in various contexts in preparation for a global society.
- 001212 Developmental English 3(2-2-5)**  
 Gain knowledge of the English language, cultivate 21st century skills and develop in the areas of listening, speaking, reading and grammar in order to understand and communicate real-world information used in different relevant context.
- 001213 English for Academic Purposes 3(2-2-5)**  
 The development of English skills with an emphasis on academic reading, writing and researching in preparation for a global society.
- 001221 Information Science for Study and Research 3(2-2-5)**  
 The meaning and importance of information, types of information sources, Access to different sources of information; application of information technology and communication, media and information literacy ,knowledge management, selection, synthesis, and presentation of information as well as creating positive attitudes and a sense of inquiry in students, diligence, patience, honesty and gratitude to the country.
- 001222 Language, Society and Culture 3(2-2-5)**  
 The relationship between language and society as well as language and culture in terms of the ways in which language reflects society and culture. The study includes verbal and symbolic communication, new meanings of social and cultural structure, changes of language and usages in borderless world.

- 001224      Arts in Daily Life      3(2-2-5)**  
 Art Fundamentals and understanding in the basic features, meaning, value, differences and the relationship between the various categories of works of art including fine art, applied art, visual art, audio art, audiovisual art, and new media art. Through the artistic experience and basic practice on various types of art. For developing knowledge, understanding and indoctrinating aesthetic judgment that can be applied in daily life, harmonized with the social context in both the global and local levels.
- 001225      Life Privacy      3(2-2-5)**  
 Philosophy and basic knowledge of privacy. Human rights, privacy law. Privacy regarding private information, health, residence, and information technology. Protection of privacy, privacy in daily life.
- 001226      Ways of Living in the Digital Age      3(2-2-5)**  
 Development of skills in media usage, various computer equipment utilization, inquiries, analysis, measurement, rights and creation, including ethical awareness and individual responsibility to the society in communication behaviors.
- 001227      Music Studies in Thai Culture      3(2-2-5)**  
 Uniqueness and development of various genres of music in Thai Culture Including its roles and functions, aesthetic values, and significance to Thai society and Thai culture.
- 001228      Happiness with Hobbies      3(2-2-5)**  
 Concept of happiness, basic elements of happiness in life, creative thinking, Creation of works from hobbies to promote life and social happiness.
- 001229      Know Yourself, Understand Others, Meaningful Life      3(2-2-5)**  
 Mindfulness, self - reflection, meaning of life, deep listening, handling emotions, empathy and consideration of the social economic cultural and environmental context, living and working constructively with others.
- 001231      Philosophy of Life for Sufficient living      3(2-2-5)**  
 Basic philosophical and conceptual knowledge on worldview, attitude, philosophy for life, lifestyle, valuable experience and factors or conditions which influence success in all aspects of life and profession of respected people.

- 001232      Fundamental Laws for Quality of Life      3(2-2-5)**  
 The laws concerning the quality of student life such as basic rights, human rights, media ethics in the digital age, intellectual property law, environmental laws, the laws relating to the protection of art and culture as well as the laws pertaining to the developments towards the 21st century.
- 001233      Thai State and the World Community      3(2-2-5)**  
 Relations between Thailand and the world community under changes over time premodern period to since the present day and roles of Thailand in the world forum including future trends, applications of knowledge in self-improvement, ethic of life management and being a good citizen of Thailand and the world.
- 001234      Civilization and Local Wisdom      3(2-2-5)**  
 Civilizations throughout history, cultural evolution, ways of life, traditions, ritual practices, beliefs, and contributions, development are preservation of local wisdom.
- 001235      Politics, Economy and Society      3(2-2-5)**  
 Meaning and relationship of politics, economy and society, development of international politics, fundamental politics, politics and the adjustment of developed and developing countries, Thai politics, World economy systems, influences of globalization in terms of economy, fundamental economy, the development of economy and society of Thailand, human and society, fundamental sociology, social order, social refinement, social characteristics, uniqueness of Thai society and the application of the body of knowledge to one's living in a dynamic world of change in politics, economy and society and relationships of world and Thai systems.
- 001236      Living Management      3(2-2-5)**  
 Living Management: knowledge and skills concerning role, duty and human nature as well as factors relating to sustainable development in improving responsibility, thinking skills and being updated with modern science and technology in daily life. Living ethically along the dynamics of 21th century which is essential to the members of ASEAN Community as well as world community.

- 001237**      **Life Skills**      **3(2-2-5)**  
 Knowledge, relating to role, duty, and responsibility of an individual both as a member of a family and a member of a society which include an adaptation to changes in a society, life and career skills 21st century, flexibility and adaptability skills, creativity and self-direction skills, intra-social and cross culture interaction skills, productivity and accountability skills, leadership and responsibility skills.
- 001238**      **Media Literacy**      **3(2-2-5)**  
 Processes of media analysis and acknowledgements in digital literacy. Understanding of media effect theories such as myth semiology and advertising concept, attributes and influence of contemporary and digital media. Analyzing of contents on every current platform.
- 001239**      **Leadership and Compassion**      **3(2-2-5)**  
 The importance of leader, leadership in the 21<sup>st</sup> century, learning and living with love, good global citizenship, studying good practices of conducting public activities as a guideline for learners' own activities.
- 001241**      **Western Music in Daily Life**      **3(2-2-5)**  
 Aesthetics of music, elements, structure and the history of Western music. Style of music in daily life. Criticism and admiration of music. The application and process of Western music in daily life.
- 001242**      **Creative Thinking and Innovation**      **3(2-2-5)**  
 Innovation development process; means of accessing customers' mind and discovering the roots of problems; generating and selecting ideas, creating rough prototypes, testing in the field and extracting information, quick and efficient design-build-test cycles, getting things done as a multidisciplinary team: brainstorming, making decisions, giving constructive comments and managing conflicts.
- 001251**      **Group Dynamics and Teamwork**      **3(2-2-5)**  
 Various behaviors regarding grouping behaviors, development of group characterization, group's environments, interpersonal relations versus group involvement, group persuasion, change in group attitudes, intra-group communication, teamwork model, guideline to create Team and Network, group unity, factors enhancing teamwork and practice of teamwork.

- 001252      Naresuan Studies      3(2-2-5)**  
 Biography of King Naresuan the Great; his royal duties while reigning the kingdom such as economy, society and international affairs reflecting Thai identity in various aspects namely the pursuit of knowledge, perseverance, endeavour, courage, sacrifice, loyalty and their tolerance for troubles.
- 001253      Entrepreneurship      3(2-2-5)**  
 The entrepreneurial practices with an emphasis on learning how to find business ideas, evaluation of new market opportunities and starting a new venture; focuses on identifying and evaluating new venture, and how to recognize the barriers to success. Exposure to the stresses of a start-up business, the uncertainties that exist, and the behavior of entrepreneurs. Theoretical overview, entrepreneurs, entrepreneurship's links with other disciplines, and entrepreneurial networks and alliances. Strategies for sustainable survival.
- 001271      Man and Environment      3(2-2-5)**  
 Ecosystems and biodiversity, man-nature and ecosystem service, human structure and system change that effects on environment, planetary boundary, climate change, sustainable development goals, environmental ethic and consciousness building, and environmental public participation.
- 001272      Introduction to Computer Information Science      3(2-2-5)**  
 Evolution of computer technology from past to present and a possible future, computer hardware, software and data, how a computer works, basic computer network, Internet and applications on the Internet, risks of a system usage, data management, information system, office automation software, multimedia technology, web-based media publishing, web design and development and an influence of technology on human society.
- 001273      Mathematics and Statistics in Everyday life      3(2-2-5)**  
 Fundamental knowledge of Mathematics and Statistics for everyday life including measurement in different types of unit systems, surface area and volume of geometric shapes, tax, profit, depreciation, interest and discount, process of data survey, data collection methods, introduction to data analysis and presentation, probability, and introduction to statistical decision making.
- 001274      Drugs and Chemicals in Daily Life      3(2-2-5)**  
 Basic Knowledge of drug and chemical, nutrition, food supplement including cosmetics and herbal medicinal product commonly used in daily life and related to health as well as their proper selection and management for health and environmental safety.

- 001275 Food and Life Style 3(2-2-5)**  
 Roles and importance of food in daily life, cultures and consumption behavior around the world including the influence of foreign cultures on Thai consumption behavior, identity and wisdom of food in Thailand, proper food selections according to basic needs, food choices, information for purchasing food, and food and life style according in the age of globalization.
- 001276 Energy and Technology around Us 3(2-2-5)**  
 Fundamental knowledge of energy and technology around us; energy sources and knowledge about electrical energy, fuel energy and alternative energy; relationship between technology and energy consumption; direct and indirect energy consumption; global warming and related energy situation; current issues and relationship to energy and technology; participation in energy conservation; efficient energy use and proactive approach to energy issuers.
- 001277 Human Behavior 3(2-2-5)**  
 The knowledge of human behaviors such as behavioral concepts; biological basis and mechanisms of human behavior; mindfulness, meditation, consciousness and its involved substances; sensory perception, learning and memory, language; the intelligent and others quotients; social behaviors; abnormal behaviors; human behavioral analysis and applications in daily life.
- 001278 Life and Health 3(2-2-5)**  
 Life and health behavior, health care and promotion for each age group including the implementation of the health knowledge and skills for continuous improvement of the quality of life for oneself and other.
- 001279 Science in Everyday Life (ไม่บังคับ credits) 3(2-2-5)**  
 The role of science and technology with concentration on both biological and physicals science and integration of earth science in everyday life, including organisms and environments, chemical, energy and electricity, telecommunications, meteorology, earth, space and the new frontier of science and technology.
- 001281 Sports and Exercises (บังคับ ไม่นับ credits) 1(0-2-1)**  
 The sport playing, exercises for improvement of the physical fitness and physical fitness test.

- 213102 Principles of Management and Organizational Behavior 3(3-0-6)**  
 Concepts and principles of management; managerial process; theories and evolution of management; business environment; business functions: planning, organizing, influencing and controlling. Perception; motivation; communication; decision making; organizational structure, culture and politics; diversity, group, work team and leadership.
- 213130 Principles of Marketing 3(3-0-6)**  
 Concepts, functions and roles of marketing, marketing environment, marketing information, market analysis, consumer behavior, market segmentation, targeting and positioning strategies; marketing mix and CSR.
- 213260 Human Capital Management 3(3-0-6)**  
 Evolution of concepts and principles of human resource management; human resource functions: job analysis, human resource planning, recruiting and selection, training and development, compensation and benefits, labor union and industrial relations, occupational safety and health, and quality of worklife management. Strategies for modern human resource management.
- 213270 Operations Management 3(2-2-5)**  
 Operations system, value creation, operations planning, competitive advantage in production, introductory project management, technologies relating to operations, forecasting, site selection, location and process layout planning, operations system design and resources planning, inventory control, supply chain management, quality management, safety management, maintenance, applying quantitative tools for operational decision making.
- 214114 Introduction to Microeconomics 3(3-0-6)**  
 The study of concept and application of economics theories related to basic economic problems, price mechanism, demand and supply of goods, basic theory of consumer behaviour, production behavior, production cost, price determination in perfect competition market and other imperfect competition markets, the comparison of the efficiency of resource allocation, production in perfect competition market and other type of markets, basic theories of factor of production markets and market failure.

- 214115 Introduction to Macroeconomics 3(3-0-6)**  
 The study of meaning and methodology of economics, macroeconomic indicators, targets and problems of macroeconomics, national income calculation, theory of national income determination, equilibrium, money market, demand and supply of money, unemployment problem, inflation and deflation problem, monetary and fiscal policy, balance of payment, foreign exchange market and determination of exchange rate
- 222103 Financial Accounting 3(2-2-5)**  
 Concepts and principles of accounting; benefit of information of accounting; basic accountings: recording on assets, liabilities and owner equities; general ledgers; adjusting and closing entries and preparing financial statements for service business, merchandising business and manufacturing business; Valued Added Tax; applying accounting information for business decision making.
- 222200 Managerial Accounting 3(2-2-5)**  
 A study of managerial accounting concepts, an analysis of accounting information for corporate management for planning, decision making, and operational control including product costing by full cost and variable cost methods, budgeting, cost-volume-profit analysis, short-term decision making, capital budgeting, statement of cash flow, and basic financial analysis.
- 231100 Statistics for Decision Making in Business 3(2-2-5)**  
 Scope of business statistics; statistical methods; data collection; basic data analysis; basic probability theory; statistical estimation and hypothesis testing; one-way and two-way variance analysis; non-parametric statistics; correlation and simple and complex linear regression analysis; time series and index number; statistical quality control and statistical decision-making theories under various circumstances; use of statistical packages for data analysis; and statistical application for business decision-making.
- 231120 Business Information System 3(2-2-5)**  
 Definition, roles, composition, and characteristics of management information systems; the structure of information systems; the roles of information systems in organizations; types of information systems; asset management; strategic information systems; employment of information systems and application of technology in organizations such as social networks, cloud computing, e-commerce, mobile applications, green IT, etc.



- 231130 Business Computing Fundamentals 3(2-2-5)**  
 Roles of computing in business. Fundamentals of computing hardware, web, and cloud. Introduction to core business software such as: operating systems, word processing, spreadsheets, web browsing, email and collaboration, and task management. Emerging technologies and their impact on how organizations do business.
- 231170 Software Programming Fundamentals 3(2-2-5)**  
 An introduction to object-orientated programming for learners with little or no prior knowledge. Students will experience the power of computer programming through hands-on practice as they learn the core concepts, terminology, and syntax required to create basic programs. The course highlights modern real-world applicable techniques and teaches a foundation of software engineering best practice.
- 231201 Business Research Methods 3(2-2-5)**  
 Quantitative and qualitative business research methodology including techniques for designing research topics, forming hypotheses, collecting data, selecting population and sampling, processing data, designing research studies, designing questionnaires, using statistics for data analysis, processing research results, writing research reports and citations, and practicing writing research proposals.
- 231221 Information Systems Analysis and Design 3(2-2-5)**  
 System composition; system development options; system development process; analytical tools, needs analysis, model diagrams; users' requirement specification; system design methodology; and form and report design.
- 231231 Database Development and Management 3(2-2-5)**  
 Data processing development; data and data file structure; database management system architecture; data relations, substitution of relations using hierachical network and relational databases; normalized processing in the form of a relational database; database design; and database language.
- 231271 Data Structures and Algorithms 3(2-2-5)**  
 Definitions and characteristics of data to be processed; definitions and types of data structures, sorting and searching different types of data; sequencing; data structure management; and relations between algorithms and data structures.

- 231272      Web Design for Business      3(2-2-5)**  
 Website design fundamentals: web mark-up (HTML, XML, SVG) and style languages (CSS, XSL), separation of concerns (content vs presentation), responsive design, client-side programming (ECMAScript, JavaScript), dynamic and asynchronous content generation.
- 231302      Computing Laws and Ethics      3(2-2-5)**  
 The main legislation relating to IT comprising electronic transactions law, Computer Crime Act, Personal Information Protection Act, Electronic Funds Transfer Act, IT Structure Development Act and other laws and regulations relating to IT namely intellectual property law, principles for electronic traffic data storage, and ethical codes of conduct for data and information management.
- 231322      Information Systems Planning and Management      3(2-2-5)**  
 The roles, procedures, and practices employed by modern project management methods for defining work scope, estimating & scheduling tasks, and controlling each stage of an information systems development project. Assessment of the appropriateness of approaches and techniques based on project size, team composition, upfront knowledge, and risk
- 231332      Data Science and Big Data      3(2-2-5)**  
 Definition and components of decision making; business drive; needs and sources of big data; selecting, processing, analyzing and presenting data that are constantly changing in terms of volume, diversity and dynamics; information system management techniques; models for computerized decision-making support systems to access important data and information; using intelligent business technology to support decision making; developing an understanding relating to information systems to support a single decision such as decision-making support systems, knowledge-based systems, group-decision support systems, and intelligent business systems; scientific data analysis system; electronic media and technological web data analysis; and creating knowledge from databases.
- 231340      Information Systems Security      3(2-2-5)**  
 The role and need for information security and desired security properties. Threat actors, vectors, risk and response. Analysis of common real-world scenarios, implementation errors, attacks and defenses. Cryptographic encryption, secure communication protocols, and public-key infrastructure. The role of people and policy. InfoSec principles applied to future technologies. Strong emphasis on the application tier and on ethical practice.

- 231341 Digital Telecommunications and Networking 3(2-2-5)**  
 Digital telecommunications and networks from a management viewpoint; theoretical and technical foundations underlying the networks, and the issues related to networks' environments, threats and security management.
- 231350 Corporate Knowledge Management 3(2-2-5)**  
 Implementation of interdisciplinary knowledge management based on the personnel, technology and process; knowledge on the principles of knowledge management focusing on the application of the principles of auditing knowledge to create strategies for organizational knowledge management; use of knowledge management and technological know-how.
- 231351 Electronic Business Management 3(2-2-5)**  
 The application of information and communication technology to support all business activities to work closely with suppliers and partners and to better satisfy the needs and expectations of the customers; electronic commerce management; electronic payment systems, security systems, business strategies, management issues; ethic and legal requirements, technological standards and protocols.
- 231352 Innovation Management 3(2-2-5)**  
 Definition and types of technological innovation, characteristics and innovation management, paradigm shifts in innovation theory and process models, malfunctions in managing an innovation process, strategic and operative conditions facilitating innovation, implementation of innovation strategies through business process redesign, corporate knowledge management and human creativity motivation, innovation networks and strategic technology alliances, benchmarking innovation efficiency.
- 231353 Digital Marketing 3(2-2-5)**  
 Concepts of modern business operation using digital marketing tools to implement marketing strategies and brand promotion via websites such as Google AdSense, Youtube, Facebook, blogs, Twitter etc. ; principles of consumer behavior analysis in consumers' decisions to purchase products via digital media; application of marketing knowledge in technology management; digital market and online marketing; search engine marketing; pay-per-click; outcome-based marketing; email; social media; mobile devices; analysis and planning; and digital marketing strategies.

- 231354 Professional Business Team Management 3(2-2-5)**  
 An overview of the creative technology industry and how businesses of different sizes work in this sector. Take part in business simulations and develop professional skills such as team working, project management, presentation and information communication.
- 231355 Business Analysis 3(2-2-5)**  
 Business Thinking and Analysis Principles of thinking system; systematic thinking; significance and principles of business analysis; roles and duties of a business analyst; business analysis process; business formats and modern software development; requirement management principles and techniques using UML and Use Case; business analysis frameworks
- 231360 Human Computer Interaction 3(2-2-5)**  
 Principles of designing and guidelines for designing performance evaluations and impacts between individuals and society comprising human behaviors, thoughts and perceptions and users' operational styles, job analysis, interface process and interface system design solutions, and interface efficacy assessment.
- 231361 Design for Communication 3(2-2-5)**  
 Fundamental aspects of communication design; key skills related to visual thinking; individual approach exploration and development in the process of communicating ideas through drawing in a variety of media; visual grammar; how the essential elements of visual communication are related to the relationships between objects, patterns and processes; relations of things to each other and the viewer/user
- 231362 Infographics Design 3(2-2-5)**  
 Principles of summarizing data or knowledge into information in the forms of still or motion graphics for various forms of presentations that are creative, beautiful, interesting, easy to understand and memorable in order to make the communication more efficient
- 231363 Motion Graphics Design 3(2-2-5)**  
 Mood board designation for better understanding of the overall concept; script and storyboard writing using multi-dimensional motion graphics including sound effect enhancement through appropriate applications in the motion graphic design

- 231364      Augmented Reality for Business      3(2-2-5)**  
 Technology for merging the virtual world with the real world by overlaying 3D virtual objects in the real world through a camera or other tools such as glasses, smart phones, tablets, etc. showing real-time results and featuring business applications
- 231365      Introduction to 3D Animation      3(2-2-5)**  
 3D animation design using appropriate applications starting from operation structure, appropriate use of tools and techniques, solutions to 3D model design, motion structure design, camera angles and lighting, and animation
- 231370      Web Servers and Services      3(2-2-5)**  
 Server-side software development; web protocols; request-response; database integration; dynamic webpage generation; web service APIs and interface design; asynchronous communication; authentication; design patterns; and common architectures
- 231371      Mobile Application Development      3(2-2-5)**  
 Smartphone and tablet application development covering the complete process of concept, requirements specification, storyboarding, mobile UI concerns and user interactivity, app navigation, device features (e.g. GPS) and synchronization with cloud services
- 231372      Innovative Technology and Smart Device Development      3(2-2-5)**  
 Introduction to designing and developing software applications for IoT (internet of things) devices. This course focuses on system architecture, programming for specialized embedded devices, and network communication.
- 231373      Information Systems Development      3(2-2-5)**  
 The development of complex business information systems, with a focus on information creation, management, and distribution through the execution of business processes. This course demonstrates a practical application of knowledge management via development of software platforms that orchestrate real-world multi-user processes, automate process steps, and establish inter-process integration. It provides practical experience of accessibility, usability, and access control.

- 231374      Concurrent and Functional Programming      3(2-2-5)**  
 Introduction to the Functional Programming (FP) paradigm: robust, concise, and highly modular code are delivered by FP's core principles such as immutability, referential transparency, and higher-order functions. This programming style is ideal for the concurrent (parallel) computing needs of future business. The course builds an understanding of core FP patterns such as map, filter, fold/reduce, and example multi-node programs
- 231375      Software Product Teams      3(2-2-5)**  
 Real-world, collaborative, software team experience executing a programming project from start to finish: requirements capture, design and storyboarding, agile project management, shared task management, source control, automated testing, and product demonstration.
- 231376      Software Testing      3(2-2-5)**  
 The purpose of testing, common classes of error, test approaches and strategy, coverage and completeness, and the real-world application of these principles. Unit, integration, UI, and load testing. Test-driven development (TDD) and test automation. Respect for quality.
- 231380      Business Software Package      3(2-2-5)**  
 Computer knowledge and how to apply it into business works such as work processor, spreadsheet by studying software package in business functions. The course also includes using in business research.
- 231381      Business Software Package Expert      3(2-2-5)**  
 An in-depth training in the core general purpose software applications and cloud services required by modern business. This course will develop proficiency and familiarity with a wide variety of integral business applications
- 231382      Database Administration      3(2-2-5)**  
 Learn how to architect, optimize, deploy, and maintain enterprise databases. The course focuses on deep understanding of the capabilities of different database products and configurations, database provisioning & recovery strategy, and optimization patterns.

- 231383 Information Governance 3(2-2-5)**  
Strategic approach to managing information at an enterprise level. Information Governance utilizes information design, procedures, quality controls, and integration strategy to ensure information accessibility, usability, and quality in support of an organization's business needs and legal obligations.
- 231384 Software Quality Assurance 3(2-2-5)**  
A process-focused approach to ensure software defects are minimized in quantity, scope and severity by embedding quality controls and testing into every stage of software planning, project management, specification, development, configuration, and deployment. This course introduces industry best practice, quality standards, and models.
- 231385 Enterprise Security 3(2-2-5)**  
The development of effective enterprise Information Security policy, comprising multi-layered, integrated, & redundant defenses, to ensure enterprise assets are protected. This course teaches how to think about the vast and diverse challenges InfoSec poses to modern business.
- 231386 Information Technology Management 3(2-2-5)**  
An introduction to industry standard management frameworks, in particular those suitable for planning & controlling in the IT services sector. This course will introduce key concepts such as Scope, Time, Cost, Quality, Human Resources, Communication, Risk, Procurement, and Integration.
- 231390 Project in Business Computing I 2(0-4-2)**  
Project identification and selection, project planning and feasibility study, writing a business computer project proposal and formulating a detailed statement of problem and objectives, literature review and analysis, selection of appropriate tools and methods, problem solving, system analysis and design planning, and project proposal presentation.
- 231391 Project in Business Computing II 2(0-4-2)**  
**Prerequisite : 231390 Project in Business Computing I**  
Theoretical and practical system analysis and design for the software project development related to business computer, process modeling and data modeling design, output design, input design, user interface design, application design, architecture design and documentation system.

- 231392 Project in Business Computing III 2(0-4-2)**  
**Prerequisite : 231391 Project in Business Computing II**  
 Software development, system testing, system implementation, implementation evaluation, report writing and final project presentation.
- 231410 Academic English in Business Computing 3(2-2-5)**  
 Practice using English in academic contexts concerning business computer and related fields in order to prepare for further education, professional training and hands-on practice in real-life situations.
- 231433 Enterprise Systems 3(2-2-5)**  
 Enterprise systems ( ES) , business processes, business environments and information requiring ES technology, ES theories, introduction to application system administration, ES implementation, maintenance and on-going use within organizations.
- 231491 International Academic or Professional Training 6 credits**  
 Hands-on academic training or professional training in a public or private organization abroad with the approval of the university.
- 231492 Co-operative Education 6 credits**  
 Hands-on practical apprenticeship to increase professional experience related to business computer in an organization or a workplace according to the co-operative education system.
- 808101 Business Finance 3(3-0-6)**  
 Scope, roles and tasks of a finance manager within a business enterprise, objectives and importance of financial management, basic financial analysis, time value of money, risk and return, current asset management, management of short-term, medium - term and long-term capital sources, capital budgeting, capital structure and dividend policy.