

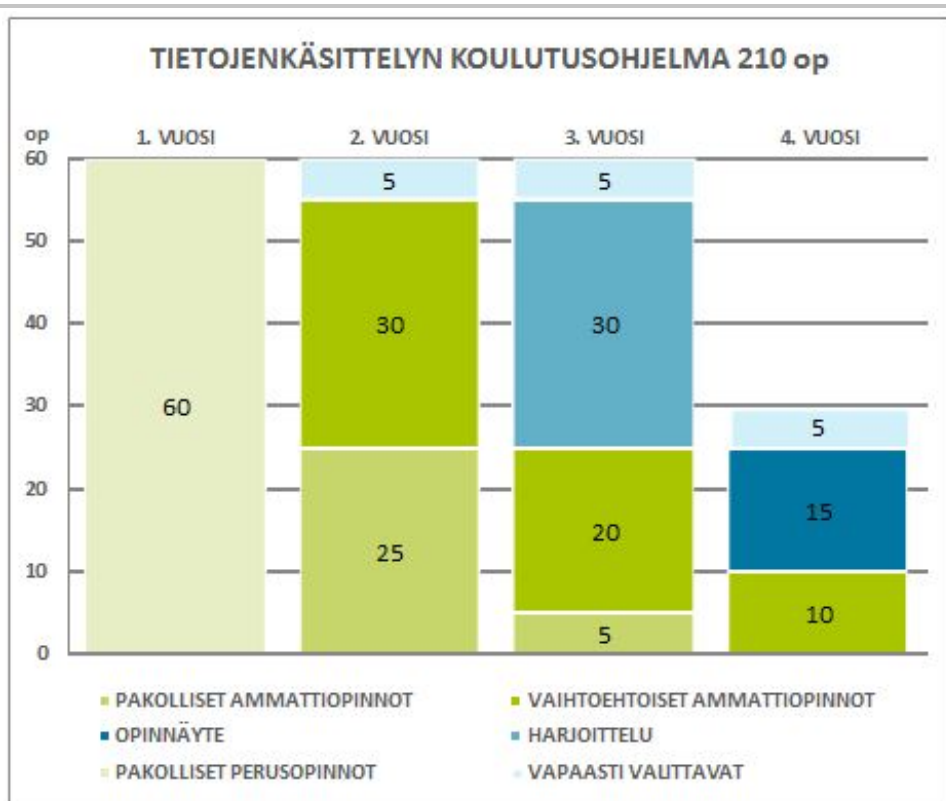


GENERAL INFORMATION	
DEGREE PROGRAMME	Degree Programme in Business Information Systems
PERIOD OF EXECUTION	2014-2017
SCOPE	210 ECTS credits
DESCRIPTION	<p>Business information system skills are required in the production and utilisation of all modern services. By the end of this decade, the ICT sector is expected to increase in terms of its number of employees to become the biggest sector in the world. In the Degree Programme in Business Information Systems, you can become a professional in the field of ICT!</p> <p>The focus of the degree programme is game development, but the acquired learning can also be applied in more traditional ICT positions.</p> <p>The first year of Business Information Systems starts with the basics, including studies in programming, databases and multimedia. The second year features practical product development aimed at creating game software or other types of software. The work is done as part of a project team. In the third year you can focus on practical training, the development of your business, or in an exchange study programme abroad.</p> <p>Project work allows students to specialise in different areas: they can develop information systems, build online stores, program games or create graphics, produce digital content, or even develop marketing on the web.</p>
LANGUAGE OF STUDY	Finnish
CODE	HTI14S1
DEGREE	Bachelor of Business Administration
DEGREE LEVEL	National Qualifications Framework level 6.
TARGET GROUP AND ADMISSION CRITERIA	<p>All eligible applicants are invited to sit the national entrance examination. The final selection is influenced by the first selection of applications, their progress at school, and their results in the entrance examination. Those persons who have completed a secondary school education, a matriculation examination, or a vocational qualification can apply to participate in the studies.</p> <p>The Degree Programme in Business Information Systems uses as its selection criteria the student selection criteria defined by the science education development group of Finnish Universities.</p> <p><u>The maximum number of admission score</u></p> <ul style="list-style-type: none">• The first application is 5 points• School performance is 55 points• The entrance examination is 40 points• A total of 100 points• For more information: http://www.jamk.fi/en/Education/How-to-apply/



STUDIES	
KEY LEARNING OUTCOMES	<p>Graduates of the Degree Programme in Business Information Systems understand information systems and softwares as a whole, as well as their production, procurement and commissioning process. They also understand the basic principles of information management from the point of view of operational development. They are able to define, design and test the software, database and user interface. They are able to document and interpret documents whilst maintaining software, and they know how to plan and implement training.</p> <p>Students who complete the degree also understand the different nature of ICT projects and overall project management in an organisation. Students understand the importance of a systematic approach to project work and are able to work responsibly in different projects. Students are able to use and apply both ICT and multi-sectoral project planning and management methods. Students are able to recognise the risks both of ICT project work and entrepreneurship, and will be able to prepare for them.</p> <p>Bachelors of Business Information Systems understand the key business processes and functions, as well as the importance of ICT as part of the organisation's activities and its role in business development. Graduates have the basic knowledge and skills that are related to entrepreneurship. They know how to develop business processes and use information technology to support solutions. They understand the importance of contracts, offers, licences and intellectual property rights in their work and are able to serve the customer.</p> <p>Professionals who graduate from the Degree Programme in Business Information Systems have also, during the process of their studies through the projects that they have carried out, broadened their skills in particular business competence skills areas and are actively savvy in terms of ICT or ICT technologies. Such areas may include programming on web-based applications and services, game development, e-business, social media and other new innovations in support of business and marketing, entrepreneurship, data systems supporting business, or graphic communications utilising digital media.</p> <p>The total learning objectives of the Degree Programme in Business Information Systems are divided into competencies that are built up over three and-a-half years. During each year of study, students will acquire the ability to manage a certain level of working life-orientated themes, which are broken down as follows:</p> <p>1st year: student with basic skills in ICT 2nd year: ICT project competence 3rd year: ICT professional 4th year: ICT expert</p>
PROFILE	<p>A graduate of the Degree Programme in Business Information Systems is profiled specifically for the provision of softwares that are built on web-based platforms, for project competence and entrepreneurial work, as well as for the management of modern ICT technologies.</p>

COURSE STRUCTURE



(the figure is explained for students in English)

COURSE CONTENT AND PERFORMANCE

The course includes basic and vocational studies, elective studies, specialization training, and a graduation thesis.

The course shall be completed within two semesters from its beginning. The exception is the graduation thesis, practical training, special working life oriented project studies, as well as extensive courses implemented in a number of semesters. In cases where a course remains incomplete, the student shall re-start it.

In the first contact lesson of a course, a review is carried out of the course's learning objectives and content, along with the different procedures and evaluation criteria; additionally, the possible examination date is agreed upon (the immediate time at which this will be carried out) and the course completion date is announced, after which no further attempts are accepted. Students have the opportunity to try to complete a course a total of three times: during the immediate performance of the course or in two specially determined resit exam times.

LEARNING ASSESSMENT

Learning outcomes are assessed in relation to the course's learning objectives. Assessment decisions are based on the evaluation criteria provided in the course descriptions. Courses are assessed on the assessment scale that is specified in the course description. According to its purpose, the scale may be one of five steps: 5 (excellent), 4 (very good), 3 (good), 2 (satisfactory) and 1 (adequate) or a pass (P) or fail (0). The course has been failed (with a fail (0)) if the student does not achieve the minimum outcomes that are set for the completion of the course.



	<p>Students have the right to know how the evaluation criteria are applied to their skills. Course performance is recorded in the transcript of records no later than one month after the declared point of completion for the course and always before the end of the academic year.</p>
ACCREDITATION AND RECOGNITION OF PRIOR LEARNING (RPL)	<p>The procedures for accreditation are described in the Degree Regulations and in the Study Guide.</p>
MODE OF STUDY	<p>The main method of performance of the studies:</p> <ul style="list-style-type: none">• contact learning• projects• In addition, virtual learning opportunities in several courses
PROFESSIONAL GROWTH AND KNOW-HOW	<p>1st year</p> <p>The theme of the first year is the basics of ICT professionalism and the basic skills that are needed in working life. The student develops his/her competence with web technologies, programming, databases, ICT infrastructure and business, and they are capable of operating in the basic tasks required in the above areas. The student can focus his/her studies towards either web applications or the development of web businesses.</p> <p>2nd year</p> <p>In the second year, students deepen their competence in game industry product development projects, among other things. There are joint software development studies specified for all students. In addition to a joint competence path, during the second year each student goes through the individual competence path that broadens each student's skills. Students choose their roles in the project in which they work.</p> <p>In addition to the study paths, students can broaden their skills through the means of other vocational studies.</p> <p>3rd and 4th years</p> <p>The broadening of professionalism will continue through customer-oriented projects, practical training, and the thesis. The product development, which started in the second year, can be continued towards entrepreneurship.</p>
QUALIFICATION REQUIREMENTS AND REGULATIONS	<p>The profession does not have specific qualification requirements that are based on legislation.</p>
ADDITIONAL INFORMATION	<p>Students may be charged separately for the cost of materials where such costs correspond to real life acquisitions or production costs in terms of teaching materials, tools, equipment, or supplies that remain in the student's possession after their education has been completed. If a student obtains similar materials from other sources, he or she is not charged for the cost of materials (Government Decree 1230/2009 2 §).</p> <p>Bachelor's degree programme is free for students.</p>



GRADUATION	<p>The requirement for the receipt of the certificate of Bachelor degree is that students complete the studies for their degree programme during the study period in accordance with the personal learning plan (PLP).</p> <p>JAMK University of Applied Sciences provides students with a certificate of completion of their Bachelor's degree (210 ECTS credits). A transcript is attached to the certificate.</p>
EMPLOYMENT AND FURTHER STUDIES	
EMPLOYMENT OPPORTUNITIES	<p>Examples of employment and the skills required in the tasks of the graduates of the Degree Programme in Business Information Systems:</p> <ul style="list-style-type: none">• Country Manager of Finland in international e-commerce, communications skills, network operations, and e-commerce technologies.• Product manager, various technologies.• Production manager, marketing, web technologies, business.• System developer, business support systems and their development.• Software developer, programming, design, definition and project work.• Expert in outsourced IT application management, definition, information management tasks, and technologies.• Entrepreneur, IT infrastructure and related technologies. Usability designer, testing, software development, definition.
OPPORTUNITIES FOR POST-GRADUATE STUDIES	<p>After graduation and after about three years of a working life phase, the students of a Bachelor's degree programme can continue their studies in a Master's degree programme. The Master's degree at the University of Applied Sciences is a university level Master's degree. Students can also continue their studies by applying for courses such as, for example, the Master's degree programmes at universities or for an equivalent training course. After the completion of Bachelor's studies it is, of course, also possible to continue in foreign institutions of higher education on the Master's level degree programmes.</p> <p>The University of Applied Sciences also offers continuing education opportunities for specialisation studies, learning agreement type in-service training, as well as in working life based continuing education. If a student graduates from the Master's degree programme, he or she can get the opportunity to continue their studies in the scientific or artistic studies at universities (37 §/558/2009). All further studies must be applied for separately.</p> <p>After completion of the Bachelor's degree in Business Information Systems there are good possibilities to continue, for instance, Master's studies at the University of Jyväskylä. There is a strong link between the two.</p>
OTHER INFORMATION	
HEAD OF THE DEGREE PROGRAMME	Mika Karhulahti, Senior Lecturer, firstname.lastname@jamk.fi , +358 40 566 8036



PROGRAMME PLANNING PROCESS	<p>The needs of contacts in working life have been taken into account on the basis of the feedback received from projects and associated links. A representative of the Degree Programme in Business Information Systems has also been involved in the active ICT club activities, Elmo network of online shopping, EXPA network in the field of the game in Central Finland. As part of the ICT club, representatives from companies, governmental agencies and the University of Jyväskylä are included. The degree programme is also a member of NeoGames community.</p>
SCHOOL	<p>JAMK University of Applied Sciences School of Business and Services Management, Degree Programme in Business Information Systems Rajakatu 35, 40200 Jyväskylä</p>
QUALITY MANAGEMENT	<p>JAMK University of Applied Sciences is using the quality management system that has been audited by the Finnish Higher Education Evaluation Council (FINHEEC). Education is developed on the basis of course feedback collected from students. Feedback is collected using ASIO's course feedback tool.</p> <p>The principles of the curriculum are approved by the JAMK University of Applied Sciences Academic Board and by the Vice Rector of the degree programme specific curriculum.</p> <p>The Degree Programme in Business Information Systems also regularly hears out the students in course-related matters.</p>
PEDAGOGICAL PRINCIPLES	<p>The degree programme is implemented in accordance with the pedagogical principles established by the University of Applied Sciences Academic Board.</p> <p>For more information: http://opinto-oppaat.jamk.fi/en/Study-Guide-Bachelors-Degrees/Studying-at-jamk/Degree-Regulations-Pedagogical-and-Ethical-Principles/</p>
ETHICAL PRINCIPLES	<p>The students and employees of JAMK University of Applied Sciences operate jointly according to the accepted (by JAMK Academic Board on 15.12.2010) ethical principles.</p> <p>For more information: http://opinto-oppaat.jamk.fi/en/Study-Guide-Bachelors-Degrees/Studying-at-jamk/Degree-Regulations-Pedagogical-and-Ethical-Principles/</p>
LAST UPDATE	<p>20 Deecember 2013</p>
CURRICULUM APPROVED	<p>20 January 2014 Heikki Malinen, Vice Rector</p>