



UNIVERSITY INFORMATION SYSTEM

From Modules Perspective



Dear readers,

The brochure you are holding contains details about the University Information System (UIS), whose success has been reinforced by more than 130,000 satisfied users from both the Czech and Slovak Republics.

UIS personifies an extensive, complex and integrated tool supporting the primary university activities – education, science, and research. Its users can access UIS from anywhere via the Internet. It has been adapted to comply with both Czech and Slovak law, and it also cooperates with many information systems operated at various universities in these two countries. The Information system has been developed to function in the European credit studies (ECTS) environment, where decentralization of information and agenda processing is emphasized.

UIS has been continually developed to meet the requirements of university management, teachers, students and other users. With regard to the parametrization of the regulations of each university (resulting from frequent changes in internal legislation) and UIS localization, among others to English language, this system can be implemented at any European university.

The text below will give you more details regarding the individual UIS modules and their applications. The scope of the information system makes it much more than just a support to the study processes. The individual modules are independent of each other to such an extent, that it is very easy to implement them gradually and separately in accordance with the preferences of a particular university. See our reference installations.

We believe that the content of this brochure will help you grasp the extent of UIS and its modules, the aim of which is to provide its users with a tool to enhance the efficiency of their daily work and thus contribute success in the competitive environment of higher education.

If you are interested in any additional information, presentations, or outsourcing of the University information system, please contact us at the address at the back of this brochure.

Team of IS4U, s.r.o.

STUDY SYSTEM

- full support to all types of study on ECTS basis
- possibility to manage multiple Study and Examination Codes
- support of inter-faculty, abroad, and life-long studies
- administrative support from applicants to alumni
- tools for Study Department officers, teachers, students, and deans
- a complex admission procedure with paper and electronic study applications
- entrance exams in the form of e-tests or text scanning
- extensive choice for preparing study plans, incl. ISP
- study schedule compiled by an officer or a student
- complex administration of final theses, incl. anti-plagiarism mechanism
- complex support for working with study benefits and study financing
- supports payment cards for paying fees
- agenda of state exams and graduation ceremonies
- support to external links to SIMS/CRŠ, UIV/UIPŠ, Theses/CRZP, insurance companies, banks, economic and personnel systems, and others



SCIENCE AND RESEARCH

- administrative support of research processes
- full support of post-graduate type of study
 - creating ISP and progress reports
 - assessment of science and research activities
- registry of projects, their results, and regular financing
- support of research plans, grants, and supplementary activities
- register of publications, link to library systems
- reports on publications to RIV register
- citation tools for reference lists
- collection of biographical data, compiling of CVs
- documents for re-accreditation process (along with study system)
- planned conferences, grant opportunities
- support for Internal Grant Agencies
- point evaluation of researchers



eLEARNING

- tools for preparing and managing eLearning teaching methods
- planning eLearning projects in groups
- preparation of study materials with multimedia content
- preparation of test data bases for study materials and individual tests
- management of eLearning courses using syllabi
- releasing modules and activities in syllabi
- multiple use of eLearning tests
 - as part of a course (mock test)
 - as part of an admission procedure as an alternative to entrance examinations
 - as a placement test (languages)
- exam support in the form of printed tests
 - user-friendly generation
 - mass scanning
 - automated or manual evaluations
- export and import of study materials in SCORM format



PERSONAL MANAGEMENT

- extensive choice of personalization of the information system
- tools supporting communication and cooperation in groups
- mail box, discussion platforms, blogs, and bulletins
- collective messages for addressing large groups of users
- register of contacts and contact sharing in a group
- document server (extensive document management system)
- integrated help desk for user support
- administration and organization of tasks (TODO)
- releasing fundamental information in the information system
- planning absences and duties at departments
- integration of mail boxes and calendars with Office 365



eAGENDA

- replacing paper administration with electronic ones
- Jobs Portal and Portal for University-Business Cooperation
- Document Service integrated with study system
- exchange of documents between school and student using digital storage
- tools for on-line business activities of the university
- applications, approvals, and reports of business trips
- students' dormitory and accommodation
 - register of dormitories, rooms, and accommodation price list
 - electronic collection of accommodation applications
 - selection procedure and waiting lists for dormitories
 - registry of accommodated students, fees, penalties, and loans
- facility management
 - passportization of buildings and rooms and their reservation
 - car pool administration, car booking and operation, CCS cards
 - request forms for maintenance and loan of technical devices
- registry of awards and honours awarded
- registry of university bodies and their members
- electronic surveys and questionnaires



PUBLIC INFORMATION PORTAL

- information release options
 - basic information about persons, departments, rooms
 - study system (study plans, schedules, brochures, time plans)
 - research system (projects, publications, CVs, trainings abroad)
 - personal management (blogs, bulletins)
- automatic brochures compilation
 - course catalogue
 - study plans
 - staff CVs
 - phone directories
 - department's publications
- thematic search for information across the fields
- compact editorial system utilizing UIS data and principles
- interconnection of released information from existing portals and other ISs (library, economy, HR)



TECHNOLOGY

- employing IS principles to manage technologies of IT infrastructure and university campus operation
- issue and life cycle of identification cards
- access system to lecture rooms and room equipment control in teacher's desk
- system of unified authentication and accounts administration (LDAP and lecture rooms management)
- central network management (using IOS Cisco Systems)
- operation and administration of wireless network, network of public access points, dormitory network, and remote access to university network
- administration of access kiosk network
- central solution of mail distribution
- interlink to Office 365
- allocating Office 365 product licences to users
- open interface to other existing technological systems



MANAGERIAL SUPERSTRUCTURE

- represents applications roofing other subsystems
- collection and evaluation of information from other parts of IS and its distribution to heads of the university
- basic application Head's Portal
 - approve processes at department
 - automatic process approval
 - statistics at departmental level
- collection of applications of statistical character for faculty and university management
- OLAP tools in feedback applications
- automatic calculations of teachers', departments', faculties' workloads
- materials necessary for budget planning at faculties and university
- generation of evaluations at departments, faculties, and university
- Portal for Department Administration Secretary



REFERENCES

Mendel University in Brno



is.mendelu.cz

Slovak University of Technology in Bratislava



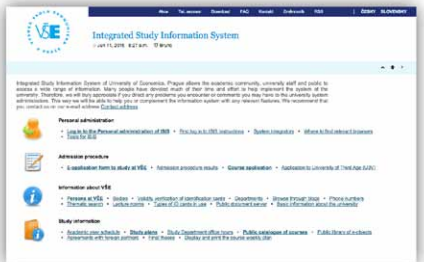
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Technical University in Zvolen



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University of Economics, Prague



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Škoda Auto University



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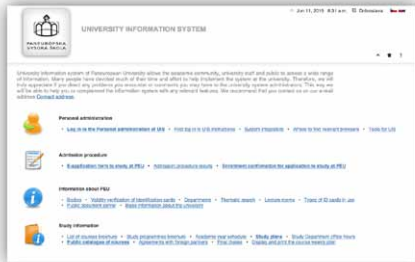
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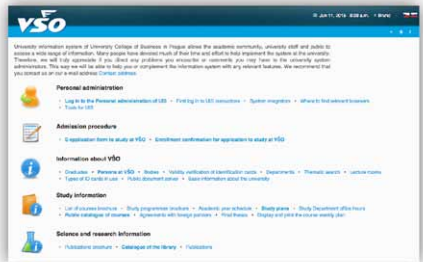
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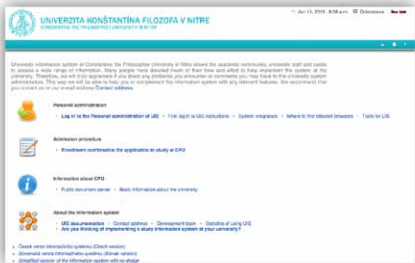
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University College of Business in Prague



is.vso-praha.eu

Constantine the Philosopher University in Nitra



uis.ukf.sk

NEWTON College



is.newtoncollege.cz

Czech University of Life Sciences, Prague



is.czu.cz

University of Entrepreneurship and Law



is.vssp.cz

SAID ABOUT US

“Cooperation with the IS4U team is of a high standard, they take for granted that both written and oral agreements are fully adhered to. We have never experienced unwillingness to solve any of our problems on their side.”

Andrea Bujdáková
Slovenská technická univerzita v Bratislave

“We very much appreciate the correctness the IS4U partners demonstrate as providers of UIS services. Communication through helpdesk is fast and productive, which is one of the reasons why UIS at Technical Univerwsity in Zvolen is regarded most stable and reliable.”

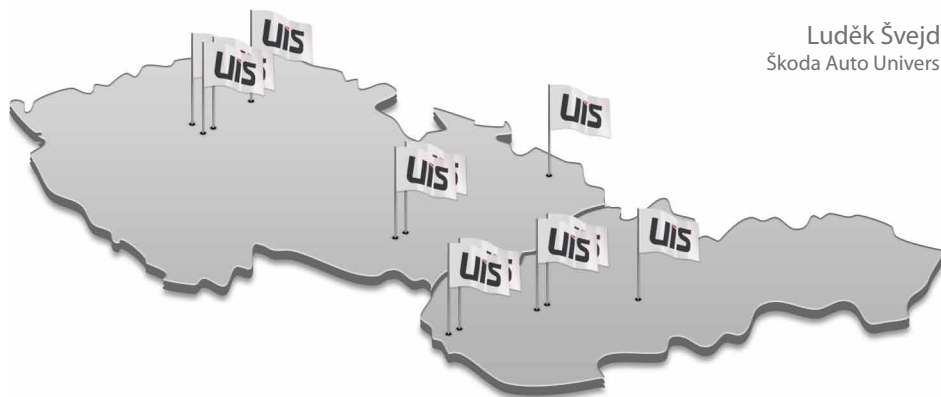
Jana Námešná
Technical University in Zvolen

“UIS is a quality, reliable and user-friendly information system capable of satisfying almost all possible needs of the university. Its development and operation is guaranteed by a team of experienced professionals, who are flexible and always willing to respond to any problems and requests. They strongly focus on their customers’ needs and manifest a professional approach that should be a standard in the IT business.”

Jan Říha
University of Economics, Prague

“The IS4U company provides our college with a complete information system AIS. We have selected a customized solution where the entire agenda related to the information system on our side is covered by a single employee. All the rest is stipulated in the service contract and is in the IS4U’s authority.”

Luděk Švejdar
Škoda Auto University





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