

# University Study-Oriented System (USOS)

Janina Mincer-Daszkiewicz

Faculty of Mathematics, Computer Science and Mechanics  
University of Warsaw  
jmd@mimuw.edu.pl

# Agenda

- MUCI consortium
- What is USOS
- Some modules with screen-shots

# What is MUCI?

- Consortium of over 20 Polish higher education institutions, established in 2002 for coordinating, supporting and conducting common IT tasks
- Inspired by LADOK, after common participation in ***New Educational Tools Tempus JEP project*** (carried out between November 1999 and December 2001)

# What is USOS?

- Student management information system used since 2000 in Polish higher education institutions gathered in MUCI
- Rather typical software information system supporting management of higher education at university level ...

but ...

What makes it **unique** is the, **unification** of services at **country level** and **integration** achieved from **effective cooperation** of universities who jointly develop and deploy the system on a **large scale**. It is the only system of that kind in Poland, being built **by universities for universities**, with a **business model** acceptable to even the smallest institutions.

# and ...

This cooperation creates **new quality** in administration of education, since existing processes, rules and documents are discussed, changed, unified, before getting computer system support. System development is driven by user needs reported daily to system developers. Lobby of universities can influence existing law.

and ...

Such cooperation has an impact not only on administration of education, but on education itself, mainly by supporting transparency and comparability.

# Software modules and subsystems of USOS

Central Oracle database with an interface for university administration for handling main aspects of university education, like course catalog, course registration, class schedules, students and teachers personal data, study programs and requirements of degree certificates



# Software modules and subsystems of USOS

A few web-based systems with local databases synchronized automatically with the central Oracle database, for massive users (students, academic teachers, prospective students)

# Modules ...

- Subsystem for handling financial aid for students, and student tuitions supported by speed collect handled by a bank.
- USOSweb where students can browse information about their study progress and grades, register for courses and particular classes, be informed by lecturers about important events through built-in messaging system, assess courses by an integrated course assessment system etc.

# USOSweb – Page My shortcuts

**USOS** Web [NEWS](#) | [DIRECTORY](#) | [MY USOSWEB](#) | [STUDENT'S SECTION](#) | [STAFF SECTION](#) | [STUDY PROGRAMS](#) | [REGISTRATION](#) | [DECISIONS](#) | [TESTS](#) | [MARKS](#) | [CERTIFICATES](#) | [U-MAIL](#) | [SURVEYS](#) | [LIABILITIES](#) | [APPLICATIONS](#) | [ELECTIONS](#) | [HELP](#)

LOG OUT cart [? about](#)

Logged user: Janina Mincer-Daszkiwicz (pracownik)

**MY SHORTCUTS**

- SCHEDULE
- CLASS GROUPS
- PREFERENCES
- CUSTOM SCHEDULES

**CUSTOM SCHEDULES**

[Mój własny plan](#)

**QUICK MARK**

student's name

[my exam reports](#)

**CURRENT SCHEDULE**

	MO	TU	WE	TH	FR
12					
13					
14					
15					
16					
17			LAB		
18					

**FUTURE SCHEDULE (after 2007-06-11)**

	MO	TU	WE	TH	FR
14					
15					
16					
17					
18					

**CLASSES**

- Designing large databases Lab
- Distributed Systems Master's seminar
- Selected Topics in Software Engineering Master's seminar
- Distributed Operating Systems Lecture

[previous classes](#)

**DIRECTORY**

Faculty of Law and Administration courses  
Faculty of Mathematics, Informatics, and Mechanics courses

people directory      faculties directory  
courses directory      studies directory

staff only

find person       find department

find course       find program

**SCHEDULES**

Staff member's schedule:  
staff member's name

Course schedule:  
course name

Course group schedule:  
department name

**PREFERENCES**

- 30 rows on single page
- order by **code/ID**
- favourite departments: **present**
- preferred schedule format: **image**
- schedule window: **14 - 17**
- DLOV activation: **1.6 s**

[change these settings](#)

USOSweb: University Study Oriented System [:: about](#) [:: contact](#)

# USOSweb – Page Public Directory

USOS **Web** NEWS | **DIRECTORY** | MY USOSWEB | STUDENT'S SECTION | STAFF SECTION | STUDY PROGRAMS | REGISTRATION | DECISIONS | TESTS | MARKS | CERTIFICATES | U-MAIL | SURVEYS | LIABILITIES | APPLICATIONS | ELECTIONS | HELP

LOG OUT cart ? about

Logged user: Janina Mincer-Daszkiwicz (pracownik)

## Public Directory

- STUDENTS AND STAFF**
- FACULTIES
- COURSES
- STUDIES
- HOSTELS
- HELP

**Students and Staff**  
Find students and staff members  
 **SEARCH**  
 staff members only

**Faculties**  
Faculties/Departments hierarchy  
 **SEARCH**

**Courses**  
Browse courses offered  
 **SEARCH**

**Studies**  
Specialities and study programs  
 **SEARCH**

**Hostels**  
Information on hostels

**Help**  
How to use directory and search engines

Faculty of Law and Administration - [staff members](#) - [students](#) - [studies](#) - [courses](#)  
Faculty of Mathematics, Informatics, and Mechanics - [staff members](#) - [students](#) - [studies](#) - [courses](#)

USOSweb: University Study Oriented System [:: about](#) [:: contact](#)

# Modules ...

- Electronic archive of diploma theses
- USOS is fully compliant with requirements of the Bologna Declaration. Supports ECTS credit system and diploma supplements. All web based applications are available in English. An ECTS catalog is available on-line for foreign students.

# ECTS Catalog

[+Login](#) [+Polish version](#)

## University of Warsaw, ECTS Catalogue

Start	School	Studies	Courses	Information for students
-------	--------	---------	---------	--------------------------

### Information for students

---

#### Study facilities

Study facilities: University buildings are located in different parts of Warsaw. The main campus grouping Rector's Office, University Library and seats of most of Humanities, Social Science faculties is located in the central part of the city at Krakowskie Przedmieście Street. In recent years some new building have been erected on Ochota campus as well some 19th century buildings on the Main Campus had been renovated and modernized so now they house modern auditoria and laboratories. The new University Library seat is one of the most functional buildings of this kind in Europe and provides space for the impressive collections of books and periodicals as well as computer labs and reading rooms. More about University facilities one can learn by viewing [a virtual tour](#) and visiting [BUW \(University Library\) web-site](#)

#### Information and Service Centre

**Office for Students' Affairs**  
Phone: (+48 22)552 04 24; fax: (+48 22) 826 83 16  
Kazimierzowski Palace,  
Room 21 Krakowskie Przedmieście 26/28,  
00-927 Warsaw  
[bsstud@adm.uw.edu.pl](mailto:bsstud@adm.uw.edu.pl)  
[www.bss.uw.edu.pl](http://www.bss.uw.edu.pl)

#### Information for foreign students

Practical information for mobile students: Office for Students' Affairs and International Relations Office are the units one can refer to if in need of assistance or information on every-day problems solution. Erasmus students are welcome to contact University of Warsaw branch of *Erasmus Students Network*. The [ESN](#) wants to help exchange students who come to Warsaw to make most of their stay here by offering many opportunities and assistance in every day life. One can also find useful information on the internet, especially visiting [official Warsaw web-site](#) or other visitors' services:

- <http://www.warsawtour.pl>
- <http://www.explore-warsaw.com/>
- [Web-site of Warsaw public transport](#)

# Modules ...

- Due to growing popularity of on-line courses USOS was integrated with an e-learning platform based on Moodle.
- Web-based central admission system (IRK) had been in use at the University of Warsaw since 2002. In 2005 the system was offered to MUCI and became a part of USOS distribution. On the first year three other universities decided to use it for admission, next year there were 13, this year 15. IRK is also available in English.

# Student Admission System

[+Log in..](#) 



## University of Warsaw, Candidates Registration for Studies

<a href="#">Start</a>	<a href="#">Catalogue</a>	<a href="#">Registration</a>	<a href="#">Log in..</a>	<a href="#">Help</a>
-----------------------	---------------------------	------------------------------	--------------------------	----------------------



### Recruitment 2008/2009

**Catalogue of studies in English for the academic year 2008/2009 is already available!**

**Studies for foreigners**

**Guidebook for Candidates for Studies at the University of Warsaw**

Additional information on admission procedure for the academic year 2008/2009 is available at the website of

**[UW Recruitment Office](#)**

Contact:  
[irk@uw.edu.pl](mailto:irk@uw.edu.pl)  
[rekrutacja@adm.uw.edu.pl](mailto:rekrutacja@adm.uw.edu.pl)

The recruitment procedure for the second-cycle graduate evening studies in English at the Institute of Political Science of the University of Warsaw starts on February 15th, 2008. For the detailed information about the recruitment and studies see:

<http://www.inp.uw.edu.pl/?q=studia/studiesinenglish>

Version 1.8.11, 2008-04-29 (svn: 854)



# Modules ...

- Central authorization and authentication service (CAS with SSO)
- Modules for handling student mobility inside Europe
- System for handling Electronic Student Identity Cards

# USOS form for entering photos into the system

USOS - [Wprowadzanie zdjęć osób]

Akcja Edycja Zapytanie Blok Rekord Pole Okno Pomoc

Program <wszystkie> Etap <wszystkie> Cykl dydaktyczny <wszystkie> Miejsce <wszystkie> Filtruj po etapach


**Osoby**

Nazwisko	Imię	PESEL	Indeks	Jedn. org. osoby
Mincer-Daszkiewicz	Janina	56121301560		10000000

Filtr  
Szukaj po indeksie  
Osoba  
Programy osoby

**Zdjęcie osoby**

**Uwaga! Proszę o wczytywanie zdjęć nie przekraczających rozmiaru 50 KB. Wykonane aparatem cyfrowym zdjęcie formatu legitymacyjnego w rozdzielczości 480x640 pikseli powinno zmieścić się w tym limicie.**



**Uwaga! Dopuszczalnym formatem zdjęć obsługiwanych przez system jest wyłącznie JPG.**

Wczytaj zdjęcie  
Usuń zdjęcie  
Eksportuj zdjęcie

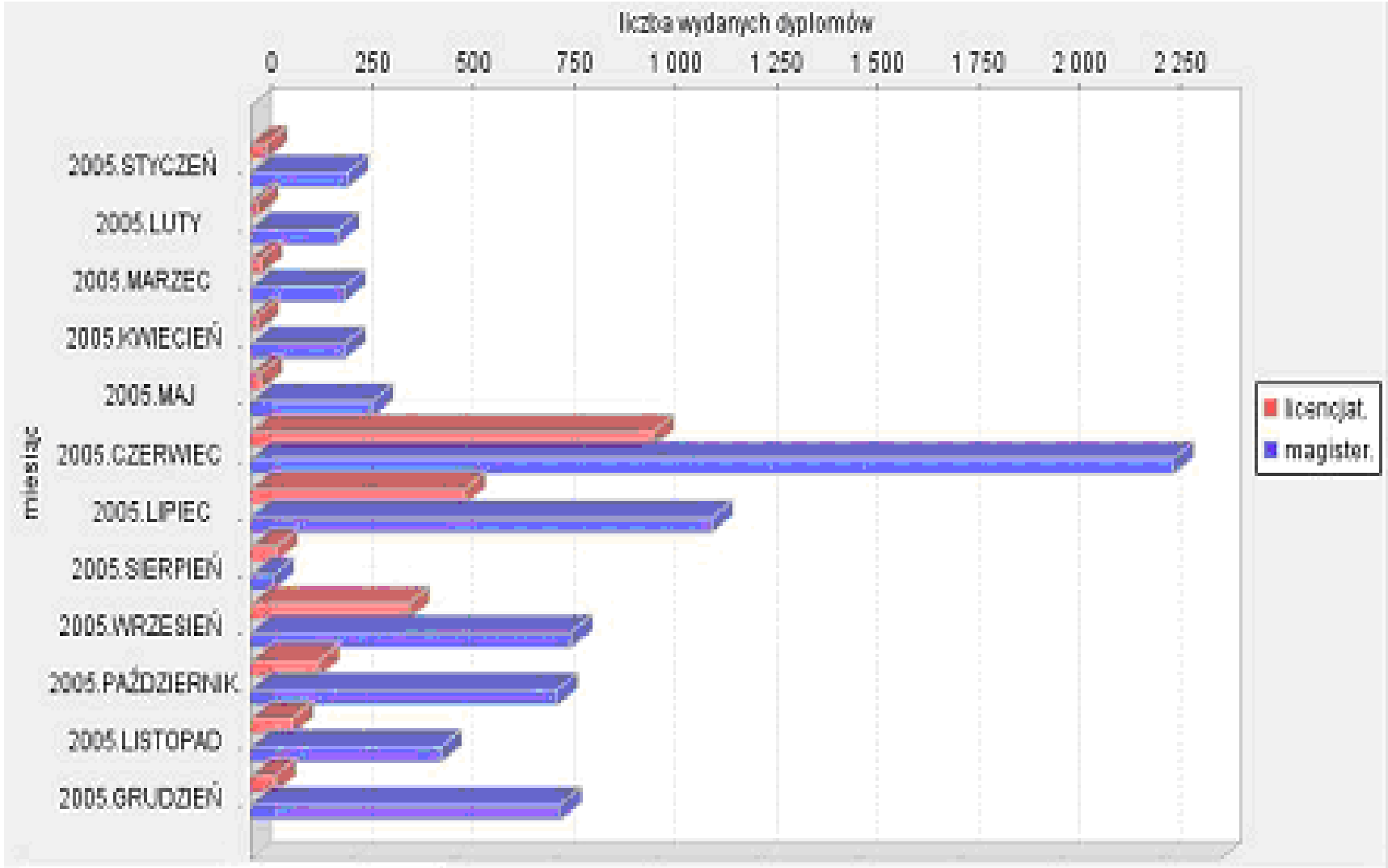
Dane do pliku  
Podanie o ELS

Wczytaj zdjęcie z IRK

# Modules ...

- Data and statistics are necessary for efficient management at every institution. Pilot Statistics module based on OLAP engine was built.

# Number of issued diplomas in the University of Warsaw in 2005 by month and type of certificate (red – bachelor, blue – master)



# Conclusions

- Building and deploying university information system is a life time project, which never ends. New needs arise every day, law changes, priorities are reevaluated, development of information technologies creates new possibilities. The project of that kind should always be regarded as work in progress.