University of Warsaw

How IT helps to implement the Bologna process

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University of Warsaw

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Warsaw, 2012-05-31

Agenda?

- ## Just a couple of screen shots …
  - in no particular order
  - my subjective view on what is important from the Bologna perspective

    … and from the quality assurance perspective

Short introduction

- University of Warsaw uses **USOS** (**University Study-Oriented System**) to support activities of administration, students and staff

- USOS is home-made

- All student management information systems (SMIS) are similar

- I am not going to present you complete functionality of USOS

  … just a couple of screen shots

Language of communication

- Whatever is exposed to the public, should be delivered in two language versions: Polish and English

- Web page consists of:

  - static information – translated once, when software is developed

  - dynamic content (like course description) – new content every year, who should be responsible for translations?

INDEX

STUDENTS AND STAFF

FACULTIES

COURSES
▶ Advanced Topics in Operating Systems

STUDIES

HOSTELS

HELP

Advanced Topics in Operating Systems

→ Edit this course

General data

Course ID:	1000-2M09ZSO	Erasmus code:	11.303
Course title:	Advanced Topics in Operating Systems	Name in Polish:	Zaawansowane systemy operacyjne
Department:	Faculty of Mathematics, Informatics, and Mechanics		
Course groups:	(in Polish) Przedmioty obieralne dla informatyki Elective courses for 3-5th grade Computer Science Selectable courses for Computer Science		
Course homepage:	http://students.mimuw.edu.pl/ZSO		
ECTS credit allocation (and other scores):	6.00 → view allocation of credits		
Language:	English		
Type of course:	elective monographs		
Prerequisites:	Operating systems 1000-213bSOP		
Brief description:	The course it is highly recommended for students who plan to attend Master Seminar on Distributed Systems, which is partly devoted to operating systems and in particular distributed operating systems. The course will have a form of lectures (mixed with classes, browsing of source code, reading scientific papers) and labs. We plan to view in detail the structure of a specific operating system. The chosen case study is Linux which is modern operating system, popular in the Faculty of Mathematics, Computer Science and Mechanics, University of Warsaw, often used as server platform, but also on desktops, mobiles, as embedded system. Source code of Linux is freely available which gives a unique opportunity to analyze in detail used algorithms, data structures, and also to run experiments and do research in the area of operating systems.		
Full description:	Lectures 1. Introduction, short history of Unix and Linux, kernel structure, system calls, context, context switch, return from interrupt, influence of architecture on the functioning of operating systems 2. Processes, state diagram, kernel synchronization, semaphore implementation, interrupt handling 3. Processes, data structures for process implementation, handling of process lists 4. Process scheduling in uniprocessors and multiprocessors 5. Physical memory, zones, page frames, Buddy algorithm, stab allocator 6. Virtual memory, page table, addressing, process address space, fork 7. Page Frame Reclaiming, paging deamons 8. Noncontiguous memory 9. VFS, file system API, VFS data structures, i-node, bmap		

Search results

Filters used:
- Departament: *10000000*
- Type of certificate: *1000-MGR-INF*

| K | << | Results **1..25** of 1198 | >> | >| |

Subject ▲▼ Diploma seminar ▲▼	Authors	Supervisor	Submition date ▲▼ Commition date ▲▼
Automated Detection of Errors in a Treebank of Polish Natural Language Processing	Katarzyna Krasnowska	Adam Przepiórkowski	2012-05-29 / 2012-05-16
A task organizer on a mobile platform integrated with the USOS system Distributed Systems	Damian Karasiński	Janina Mincer-Daszkiewicz	2012-05-28 / 2011-06-21
Implementation of a JVM backend for the PyPy project Advanced Topics in Object-Oriented Programming	Michał Bendowski	Marcin Benke	2012-05-23 / 2011-06-22
Building a lexicon for a categorial grammar of the Polish language Natural Language Processing	Paweł Marczewski	Wojciech Jaworski	2012-05-22 / 2012-05-21
A tool assisting scientists in Karaim manuscripts research Natural Language Processing	Mateusz Fedoryszak	Wojciech Jaworski	2012-05-18 / 2011-06-02
Javascript as an embedded DSL Advanced Topics in Object-Oriented Programming	Grzegorz Kossakowski	Janusz Jabłonowski	2012-05-18 / 2012-05-16
Extracting from texts information about events and the time of their occurrence Natural Language Processing	Przemysław Jarzębowski	Adam Przepiórkowski	2012-05-17 / 2011-09-21
Linear Logic Applications to Reasoning About Action Systems Algorithmics	Juliusz Kopczewski	Marcin Benke	2012-05-16 / 2012-05-11
On Generating Concept Hierarchies with Fuzzy Data Natural Language Processing	Michał Dereziński	Wojciech Jaworski	2012-05-15 / 2012-05-09
Leakage resilience of the Blom scheme Algorithmics	Michał Jastrzębski	Stefan Dziembowski	2012-05-14 / 2012-04-02
Heuristic strategies in a game of "Poker" Databases	Grzegorz Chilkiewicz	Jakub Pawlewicz	2012-04-03 / 2009-09-24
Implementation of authorization and subscription in Presence protocol Selected Topics in Software Engineering	Krzysztof Kryniecki	Aleksy Schubert	2012-01-12 / 2011-04-12
Application for conversion of planar coordinates in Polish cartographic datums Master Seminar	Krzysztof Ziętala	Mirosław Kowaluk	2011-12-30 / 2008-06-26

Integrity of information

- Information exposed to the public should be consistent

  - Gather information in one place

  - Deliver to all places where it is needed

- Example:

  Admission System + Course Catalog

  → ECTS Guide

University of Warsaw, Recruitment

Start	Catalogue	Registration	Log in..	Help

University of Warsaw / Faculty of Psychology

Warsaw International Studies in Psychology, full-time uniform master-level

Type of studies: uniform master-level   **System of studies:** full-time   **Duration:** 5 years

back

Fields of studies and specializations

- Psychology

Conducting units

- University of Warsaw
- Faculty of Psychology

Enrollment

from 2012-06-01 to 2012-07-03 23:59:00

Limit of students

44

Language

English

Description

Warsaw International Studies in Psychology (WISP) is a full 5-year masters (in Polish: magister) program in psychology. The main goal of the WISP program is to provide a high quality psychology education in English both for foreign students and for Polish students fluent in English who see their future careers on an international scene. Our students represent many countries from four continents (eg. Sweden, USA, China, Germany, Turkmenistan). In order to ensure the most up-to-date education, our team of lecturers is composed of Polish and foreign lecturers invited from renowned universities and research institutes in Europe and North America, eg. University of Delaware, University of Michigan (USA), Université Paris X - Nanterre (France). The program is designed to provide students with a solid background in psychology and methodology of social sciences and at the same time to let students shape an education path closest to their interests.

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Study programmes   Course search   Information for students

Study programmes > Studies in foreign language > Psychology > Psychology Studies in English

Psychology Studies in English (DM-PS-ANG)
(in Polish: Psychologia, Psychology Studies in English, jednolite magisterskie)
Faculty of Psychology

long cycle programme
full-time, 5-year studies
Language: English
44 places

Warsaw International Studies in Psychology (WISP) is a full 5-year masters (in Polish: magister) program in psychology. The main goal of the WISP program is to provide a high quality psychology education in English both for foreign students and for Polish students fluent in English who see their future careers on an international scene. Our students represent many countries from four continents (eg. Sweden, USA, China, Germany, Turkmenistan). In order to ensure the most up-to-date education, our team of lecturers is composed of Polish and foreign lecturers invited from renowned universities and research institutes in Europe and North America, eg. University of Delaware, University of Michigan (USA), Université Paris X - Nanterre (France). The program is designed to provide students with a solid background in psychology and methodology of social sciences and at the same time to let students shape an education path closest to their interests.

ATTENTION!

The studies are payable!

One of the elements of qualification procedure is an interview, before which candidates are required to deliver some documents to the Faculty of Psychology!

Please search for details in sections below.

Jump to:

General description
ECTS Coordinators
WRTODO
Access to further studies
Access requirements
Teaching standards
Course structure diagram

Admission procedures:

General information
With new maturity exam
With old maturity exam
With International Baccalaureate
With foreign diplomas
Exceptions

ECTS Coordinators:

Wojciech Dragan

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📚 Study programmes   🔍 Course search   ⓘ Information for students

Conducted in terms: 2011L, 2012L

Erasmus code: 11.3

ECTS credits: 6

Language: English

Organized by: Faculty of Mathematics, Informatics, and Mechanics

Related to study programmes:

Bachelor's degree, first cycle programme, Computer Science

Double Degree Program in Computer Science and Mathematics (first cycle)

Advanced Topics in Operating Systems 1000-2M09ZSO

http://students.mimuw.edu.pl/ZSO

Lectures
1. Introduction, short history of Unix and Linux, kernel structure, system calls, context, context switch, return from interrupt, influence of architecture on the functioning of operating systems
2. Processes, state diagram, kernel synchronization, semaphore implementation, interrupt handling
3. Processes, data structures for process implementation, handling of process lists
4. Process scheduling in uniprocessors and multiprocessors
5. Physical memory, zones, page frames, Buddy algorithm, stab allocator
6. Virtual memory, page table, addressing, process address space, fork
7. Page Frame Reclaiming, paging deamons
8. Noncontiguous memory
9. VFS, file system API, VFS data structures, i-node, bmap
10. File system, i-nodes in memory, i-nodes and blocks on disk
11. Page cache, page fault, swap devices and swap files
12. Directory cache
13. Block and character devices, chrdevs and blkdevs, system calls for devices handling
14. I/O subsystem - block devices, I/O request scheduling

Labs
1. Virtualization
2. Installation of Linux on virtual platform
3. Compilation of kenel
4. Kernel modules
5. Kernel code debugging
6. Kernel programming: interrupt handling, synchronization, memory management, kernel threads, system calls
7. Device drivers
8. Filesystem procfs, sysfs
9. Automatic kernel testing
10. Process tracing

Type of course

elective monographs

Prerequisites

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University of Warsaw

go to the main portal

ECTS course catalogue

See other Course Catalogues in Poland

WYŚWIETL PO POLSKU

🗁 Study programmes   🔍 Course search   ⓘ Information for students   🏛 Administracja

Information for mobile students

What can I find on this site?

Information on the institution

Academic calendar

Admissions

Information for mobile students

Support and insurance

Programmes, internships

Sports and leisure

Contact

ⓘ Practical information

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:

Edit

- Warsaw Tour - Official Web Portal Warsaw
- Warsaw Transport Authority

ⓘ Accommodation

Students who need to find accommodation in Warsaw can apply for a place in Warsaw Universities owned dormitories or guesthouses or rent an apartment.

Edit

- Exchange students should contact International Relations Office to get assistance with their accommodation.
- Other foreign students who want to live in dormitories should contact Office for Students' Affairs.

As far as renting an apartment is concerned, it is recommended to contact one of the local real estate agents or search the advertisement sections of local newspapers. University of Warsaw encourages its students who are going to spend some time abroad to use services of students home exchange network, so this is also a possible way of finding lodgings in Warsaw.

ⓘ Cost of living

The cost of living can vary and depends on personal demands and life style. In general, according to International Relations Office, to cover the basic expenses while living in Warsaw foreign students would need about 350-400 EUR:

Edit

- Accommodation - 100 EUR/month (in a dormitory)
- Meals - 100-150 EUR

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Gathering information

- Information should be easy to:
  - gather
  - correct
  - browse

- The good idea is to enter information to the system at the place it is created, e.g.
  - Academic teachers enter course syllabuses and grades
  - Students office enters course schedules

		IN POLISH	IN ENGLISH
Name:		Zaawansowane systemy operacyjne	Advanced Topics in Operating Systems
Erasmus code:		11.303 Computer Science, level 3	
Course language:		English	
Webpage:		http://students.mimuw.edu.pl/ZSO	

Type of course:
- [ ] B.Sc. seminars
- [ ] elective courses
- [x] elective monographs
- [ ] elective seminars
- [ ] foreign languages
- [ ] general courses
- [ ] Master's seminars
- [ ] obligatory courses
- [ ] optional courses
- [ ] pedagogical qualifications
- [ ] Ph. D. seminars
- [ ] physical exercises
- [ ] proseminars
- [ ] supplementary
- [ ] translation courses

Mode:
- [ ] (in Polish) w sali
- [ ] (in Polish) zdalnie
- [ ] Blended learning
- [ ] Self-reading

Requirements:

Prerequisites: 1000-213bSOP

1000-213bSOP - valid: Operating systems

Prerequisites (description):

Short description:

IN POLISH:
Wykład jest gorąco zalecany studentom, którzy zamierzają w przyszłości uczestniczyć w seminarium magisterskim 'Systemy rozproszone', które w części obejmuje zagadnienia systemów operacyjnych, w tym rozproszonych systemów operacyjnych. Przedmiot jest realizowany poprzez wykład (częściowo prowadzony w formie ćwiczeń, połączony z przeglądaniem jądra, czytaniem prac naukowych) i laboratorium.

Zamierzamy razem ze studentami przyjrzeć się dokładnie budowie konkretnego systemu operacyjnego. Przykładem omawianym na zajęciach jest Linux, który jest nowoczesnym systemem, popularnym

IN ENGLISH:
The course it is highly recommended for students who plan to attend Master Seminar on Distributed Systems, which is partly devoted to operating systems and in particular distributed operating systems. The course will have a form of lectures (mixed with classes, browsing of source code, reading scientific papers) and labs.

We plan to view in detail the structure of a specific operating system. The chosen case study is Linux which is modern operating system, popular in the Faculty of Mathematics, Computer Science and Mechanics, University of Warsaw, often used as server platform, but also on desktops, mobiles, as embedded system. Source code

Full description:

IN POLISH:
Wykłady
1. Wprowadzenie, krótka historia Uniksa i Linuksa, budowa jądra, funkcje systemowe, kontekst, zmiana kontekstu, powrót z przerwania, wpływ architektury na działanie systemu operacyjnego
2. Procesy, diagram stanów, synchronizacja na poziomie jądra, implementacja semafora, obsługa przerwań
3. Procesy, struktury danych do opisu procesów, listy procesów i operacje na nich
4. Szeregowanie procesów w systemach jedno i wieloprocesorowych
5. Pamięć fizyczna, strefy, tablice ramek, algorytm bliźniaków,

IN ENGLISH:
Lectures
1. Introduction, short history of Unix and Linux, kernel structure, system calls, context, context switch, return from interrupt, influence of architecture on the functioning of operating systems
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3. Processes, data structures for process implementation, handling of process lists
4. Process scheduling in uniprocessors and multiprocessors
5. Physical memory, zones, page frames, Buddy algorithm, stab

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USOS web

NEWS | DIRECTORY | MY USOSWEB | STUDENT'S SECTION | STAFF SECTION | EXTRA MODULES

INTRODUCTION

MY PROFILE

TESTS

EXAM REPORTS
▸ **Advanced Topics in Operating Systems - 2011L**

EDITING COURSES

EXAMS REGISTRATION

POSTULATES

GIVING OPINIONS

STUDENT MOBILITY

APPLICATIONS COORDINATING

SURVEYS RESULTS

Editing examination report
Advanced Topics in Operating Systems 1000-2M09ZSO
Summer semester 2011/12

GENERAL exam report	**Type:** Examination	**Name:** (in Polish) Końcowy	**Mark:** Grading

View: *full report (for coordinators)* ℹ️ → change

access rights | approve report | print reports | edit comments | export marks | import marks

|K| << | Items **1..30** of 32 | >> | >| | ☐ SHOW OPTIONS 📧|

Number ▲▽	Surname ▲▽	First name ▲▽	Status ▲▽	Session #1 ▲▽
				I termin ℹ️
				2012-07-10 23:59
291470	Bartodziej Jakub Robert		active	▢ ▾
277617	Bartoszuk Cezary Tadeusz		active	▢ ▾
291202	Błasiok Jarosław		active	▢ ▾
277508	Burny Radosław		active	▢ ▾
291541	Głowacki Adam Mateusz		active	▢ ▾
262932	Gołuchowski Konrad Stefan		active	**NK**
291540	Grabowski Mateusz		active	**2**
277528	Gregorczyk Michał		active	3
				3,5
292612	Hałas Damian Krzysztof		active	4
				4,5
262511	Inowolski Jan Marek		active	5
				5!
291618	Kitowski Szymon Marek		active	▢ ▾
292656	Kłeczek Tomasz Jan		active	▢ ▾
290612	Królak Krzysztof Tomasz		active	▢ ▾
292670	Kwapich Mateusz Jakub		active	▢ ▾
291693	Marschall Michał Andrzej		active	▢ ▾

Effective mobility

- How to effectively support mobility → deliver tools to all stakeholders:
    - International Relations Office
    - Student Offices
    - Erasmus coordinators
    - Outgoing students
    - Incoming students

Module for IRO at UW

IRO – Bilateral agreements

IRO – Conditions of cooperation

IRO – Incoming and outgoing mobility

IRO – Scholarships

Wyjazdy

| Program | \<wszystkie\> | Etap | \<wszystkie\> | Cykl dydaktyczny | \<wszystkie\> | Miejsce | \<wszystkie\> |

| | | Filtruj po etapach |

Nazwisko	Imię	PESEL	Jednostka osoby	Cykl dyd. wyjazdu	Numer teczki	Jednostka wyjazdu
	Magdalena		33210000	2007	BWZ981EUC07-S0003	33210000

Buttons: Filtr | Osoba | Szukaj po indeksie

Email	Obywatelstwo	Grupa stypendiów
	polskie	Pierwsza stawka stypendialna (wyższa)

Wypłaty

Kod funduszu	Waluta	Licz. mies.	VIII	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII*	IX*
ERASMUS	EUR	4,50			340,00	340,00	340,00	340,00	170,00							
UW EURO	EUR	4,50			17,00	17,00	17,00	17,00	8,50							

Button: Wypełnij autom.

Waluta wypłaty			EUR	EUR	EUR	EUR	EUR							
Stan wypłaty			Z	Z	Z	Z	Z							
Data wydruku raportu			03.10.2007	03.10.2007	14.11.2007	14.11.2007	14.11.2007							
Data zlecenia przelewu			04.10.2007	04.10.2007	15.11.2007	15.11.2007	15.11.2007							

Button: Zmień walutę i stan

Opis funduszu
ERASMUS studia

Coordination of Erasmus student mobility

at the faculty/unit: Faculty of Mathematics, Informatics, and Mechanics [select another]

ⓘ This page displays **Signed bilateral agreements** that fulfil following criteria:
- have status other than 'unsigned' or 'under negotiation'
- terms and conditions of the agreement are linked to following unit: **Faculty of Mathematics, Informatics, and Mechanics**
- terms, conditions and the agreement itself are still valid,
- terms, conditions and the agreement itself come into effect within a year.

FILTER OPTIONS

Status: (dowolny)
Id: ⓘ
Country: ⓘ
Institution name: ⓘ
Erasmus code: ⓘ
From: ⓘ YYYY_MM_DD
To: ⓘ YYYY_MM_DD

CLEAR FILTERS   APPLY

Signed faculty/unit agreements

Showing first 30 table entries ... show more | show all

No.	Country	Erasmus code	Institution name	Qualifications stage	Id	From	To ▲	Options
1	(in Polish) Austria	A WIEN01	Universität Wien	podpisana	517/E/XII06	2007-07-01	2010-09-30	details
2	(in Polish) Dania	DK ODENSE01	Syddansk Universitet	podpisana	659/E/II07	2007-07-01	2010-09-30	details
3	(in Polish) Dania	DK KOBENHA01	Kobenhavns Universitet	podpisana	214/E/XI06	2007-07-01	2010-09-30	details
4	(in Polish) Dania	DK ARHUS01	Aarhus Universitet	podpisana	193/E/XI06	2007-07-01	2010-09-30	details
5	(in Polish) Francja	F PARIS013	Université Paris Nord (Paris XIII)	podpisana	282/E/XI06	2007-07-01	2010-09-30	details
6	(in Polish) Francja	F PALAISE01	Ecole Polytechnique	podpisana	521/E/XII06	2007-07-01	2010-09-30	details
7	(in Polish) Hiszpania	E VALENCI01	Universidad de Valencia	podpisana	462/E/XII06	2007-07-01	2010-09-30	details
8	(in Polish) Hiszpania	E BARCELO02	Universitat Autónoma de Barcelona	podpisana	654/E/II07	2007-07-01	2010-09-30	details
9	(in Polish) Niemcy	D SAARBRU01	Universität des Saarlandes	podpisana	283/E/XI06	2007-07-01	2010-09-30	details
10	(in Polish) Niemcy	D MUNCHEN01	Ludwig-Maximilians-Universitat Munchen	podpisana	464/E/XII06	2007-07-01	2010-09-30	details
11	(in Polish) Niemcy	D DARMSTA01	Technische Universität Darmstadt	podpisana	540/E/I07	2007-07-01	2010-09-30	details
12	(in Polish) Szwecja	S UPPSALA01	Uppsala Universitet	podpisana	202/E/XI06	2007-07-01	2010-09-30	details
13	(in Polish) Portugalia	P LISBOA02	Universidade de Lisboa	podpisana	995/E/II08	2008-07-01	2011-09-30	details
14	(in Polish) Wielka Brytania	UK ABERDEE01	University of Aberdeen	podpisana	972/E/I08	2008-07-01	2011-09-30	details
15	(in Polish) Wielka Brytania	UK EDINBUR01	The University of Edinburgh	przedłużona	1130/E/X08	2009-07-01	2011-09-30	details

Student's application

Motivation letter in a foreign language

Please consider my candidature to the deans founded scholarship.

Dear Sir or Madam,

I am writing to propose my candidature to the Socrates-Erasmus student exchange program in the academic year 2009/10. I'm a student of the fourth year of mathematics. I am studying mathematics as a primary specialization in a Individual Studies Program in conjunction with physics.
It is a great combination which makes studying more interesting and purposeful. I am a hard-working and solid person. A result of that is the fact that every semester I am exceeding the required ECTS numbers and every subject I take on is passed by me. Thanks to such approach I have passed more subjects that were necessary, and I have also passed numerous subjects on the faculty of Physics.

I believe that an international scholarship will be a great opportunity for me to widen my horizons(not only mathematical) and to get more knowledge in various fields. I am aware that it may be a difficult challenge, however I am sure I will be able to cope with it and it will be a great benefit to me as well.

As a person who is travelling a lot, and with good knowledge in foreign languages I hope I won't have any problems to acommodate myself in a new environment. After finishing my master degree I am planning to continue my studies to reach the PhD degree.

Best regards

This application has been accepted.

Priority	Institutions to which the student wants to go. ℹ (max 3)
1	**Université Paris Nord (Paris XIII)** (*Mathematics*)
2	**Vrije Universiteit Brussel** (*Mathematics*)
3	**Universitat Autónoma de Barcelona** (*Mathematics*)

RLMTODO		
Language	Level	
English	znam język dostatecznie dobrze, by rozumieć wykłady	
French	znam język dostatecznie dobrze, by rozumieć wykłady	
German	znam język dostatecznie dobrze, by rozumieć wykłady	

Courses with marks		(max 3)
1000-135RC1a	Partial differential equations I	4,5
1000-1L00RR	Differential equations in natural sciences	5
1000-135ST1	Statistics I	4,5

Opinion	(min 1)(max 1)	
RLMTODO	Status ℹ	Options ℹ
Grzegorz Łukaszewicz	submitted	→ view

Coordination of Erasmus student mobility

at the faculty/unit: Faculty of Mathematics, Informatics, and Mechanics [select another]

Assigned outgoing student mobilities

PRINT THE LIST   ⦿ Polish   ○ English

SEND LIST TO COORDINATORS ℹ   ○ Polish   ⦿ English

→ export the list to file in CSV format
→ send e-mail to all 23 recipients from table below.

FILTER OPTIONS

Qualification stage: (all)
Status of mobility: Active
Mobility type: (all)
Status of LA: (all)
Academic year: 2010
Institution name: ℹ
Erasmus code: ℹ
Country: ℹ
Granted no sooner than: ℹ YYYY_MM_DD
Granted no later than: ℹ YYYY_MM_DD

CLEAR FILTERS   APPLY

SELECTED STUDENT

OR   student's name   APPLY

Showing elements 1..23 (out of 23)

No.	Surname Name	Country	Erasmus code	Institution name	Date of assignment	Acad. year ▾	Mobility type	Status of mobility	Qualifications stage		Options
1	Baranowska Katarzyna	Niemcy	D MUNCHEN01	Ludwig-Maximilians-Universitat Munchen	2010-02-27	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
2	Bendowski Michał	Holandia	NL AMSTERD02	Vrije Universiteit Amsterdam	2010-02-24	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
3	Chapska Monika	Holandia	NL AMSTERD02	Vrije Universiteit Amsterdam	2010-02-12	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
4	Czeczko Artur	Francja	F PARIS013	Université Paris Nord (Paris XIII)	2010-03-02	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
5	Dudzik Krzysztof	Niemcy	D SAARBRU01	Universität des Saarlandes	2010-02-14	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
6	Falkiewicz Tomasz	Hiszpania	E LASPAL01	Universidad de Las Palmas de Gran Canaria		2010	Studies	Active	Finished	ℹ	→ view → learning agreement
7	Freus Oktawian	Portugalia	P PORTO02	Universidade do Porto	2010-02-25	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
8	Geras Krzysztof	Wielka Brytania	UK EDINBUR01	The University of Edinburgh	2010-02-24	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
9	Jarzębowski Przemysław	Wielka Brytania	UK EDINBUR01	The University of Edinburgh	2010-02-24	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
10	Jurek Michał	Niemcy	D MUNCHEN01	Ludwig-Maximilians-Universitat Munchen	2010-02-27	2010	Studies	Active	Finished	ℹ	→ view → learning agreement
11	Kacperski Andrzej	Dania	DK KOBENHA01	Kobenhavns Universitet	2010-02-24	2010	Studies	Active	Finished	ℹ	→ view → learning agreement

Learning Agreement has been approved. It should be printed and signed
(correspondence will ensue). Subsequent edition of the agreement is possible
until its expiration date in USOSweb.

In reference to

Student:	Michał Bendowski
Study program:	**DZ-INF** - Bachelor's degree, first cycle programme, Computer Science
Period of study:	**I3** - Computer Science, 3rd grade
Term:	**2009** - Academic year 2009/10

General information

	Decision number:	102582
	Decision date:	2010-03-23
i	Decision type:	**REPLACEMENT**
	Decision state:	**W** - to be completed modification deadline: **2011-03-15**
i	Stage of creation:	Accepted
	Next period of study:	(no change)
	Comment:	Porozumienie w sprawie programu zajęć (LA)

External courses

No	Name	Term	Passed	ECTS	Language	i	Coordinator	Status	Options
Current **approved** course list								
1.	Logical Verification	2010L	NO	6.00	English	none / none	(unknown)	Z - approved	
	LAB WYK EGZ **Educational institution:** Vrije Universiteit Amsterdam								
2.	Network Programming	2010L	NO	9.00	English	none / none	(unknown)	Z - approved	
	WYK LAB EGZ **Educational institution:** Vrije Universiteit Amsterdam								
3.	Operating Systems Practical	2010L	NO	9.00	English	none / none	(unknown)	Z - approved	
	LAB **Educational institution:** Vrije Universiteit Amsterdam								
4.	Scientific Writing in English	2010L	NO	3.00	(unknown)	none / none	(unknown)	Z - approved	
	PRA-P WYK **Educational institution:** Vrije Universiteit Amsterdam								
5.	Software Configuration Management	2010L	NO	6.00	English	none / none	(unknown)	Z - approved	
	CW PRA-P WYK **Educational institution:** Vrije Universiteit Amsterdam								
	Total number of ECTS credits attempted:			33.00	i				

Learning Agreement

LEARNING AGREEMENT
Academic year: Winter semester 2009/2010
Field of study: Informatics, Computer Science (code 11.3)

Name of student:
Aleksander G

Sending institution:	Country:
University of Warsaw	**Poland**

DETAILS OF THE PROPOSED STUDY PROGRAM ABROAD/LEARNING AGREEMENT

Receiving institution:	Country:
Université Paris Nord (Paris XIII)	**France**

Current version

Course unit code (if any)	Course unit title (as indicated in the information package):	Number of ECTS credits if applied
	Algorytmique parallele et distribuee	4
	Analyse de Fourrier et theorie du signal	4
	Calcul haute performance	5
	Modelisation mathematique pour le traitment des images	5
	Programmation mathematique approfondie	5
	Systemes distribues	4

Date	Student's signature:
....	....

SENDING INSTITUTION
We confirm that this proposed program of study/learning agreement is approved.

The document has been automatically generated from the electronic system USOS. The study program listed above has been approved by Erasmus Departamental Coordinator.
Date: 2009-11-14

The document has been automatically generated from the electronic system USOS. The study program listed above has been approved by Erasmus Institutional Coordinator.
Date: 2009-11-14

RECEIVING INSTITUTION
We confirm that this proposed program of study/learning agreement is approved.

Departmental coordinator's signature

Institutional coordinator's signature

....
Date: ....

....
Date: ....

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Learning Agreement → Transcript of Records

In reference to

Student:	Piotr S
Study program:	**DM-JSIM** - Double Degree Program in Computer Science and Mathematics
Stage:	**JSIM4I** - Fourth year JSIM 3I+4M
Term:	**2007** - Academic year 2007/08

General information

	Decision number:	75064
	Decision date:	2008-08-17
ℹ	Decision type:	**MODIFICATION**
	Decision state:	**Z** - approved
ℹ	Stage of creation:	Filling in
	Next stage:	(no change)
	Comment:	Porozumienie w sprawie programu zajęć (LA)

External courses

#	Name	Term	Passed	ECTS	Language	ℹ	Coordinator	Status
1.	Agent Based Systems U02497	2007	**YES**	5.00	English	none / none	Michael Rovatsos	**Z** - approved
	CW (8 hours), WYK (20 hours). **Institution:** (in Polish) The University of Edinburgh							
2.	Computer Communications and Networks U03858	2007	**YES**	5.00	English	none / none	Mahesh Marina	**Z** - approved
	WYK (20 hours). **Institution:** The University of Edinburgh							
3.	Computer Security U03025	2007	**YES**	5.00	English	none / none	David Aspinall	**Z** - approved
	WYK (20 hours). **Institution:** (in Polish) The University of Edinburgh							
4.	Enterprise Computing U01902	2007	**YES**	5.00	English	none / none	Stephen Gilmore	**Z** - approved
	CW (8 hours), WYK (20 hours). **Institution:** (in Polish) The University of Edinburgh							
5.	Informatics 2D: Reasoning & Agents U02602	2007	**YES**	10.00	English	none / none	Jacques Fleuriot, Michael Rovatsos	**Z** - approved
	CW (10 hours), LAB (20 hours), WYK (30 hours). **Institution:** (in Polish) The University of Edinburgh							
	max ECTS to achieve:			30.00	ℹ			
	achieved ECTS total:			30.00	ℹ			

Grades from the University of Edinburgh

Diploma supplement

DIPLOMA SUPPLEMENT

Valid with the Diploma no 1000/46331/2009

I. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1. Surname: *S*
2. First name(s): *Piotr Krzysztof*
3. Date of birth (day, month, year): *24.09.1985*
4. Student identification number or code: *219737*

II. INFORMATION IDENTIFYING THE QUALIFICATION

1. Diploma number : 1000/46331/2009
2. Name of qualification and the title conferred [1] *magister*
3. Main field of study and field of specialisation for the qualification : *Computer Science*
4. Name and status of awarding institution [1]

   Uniwersytet Warszawski

   Uniwersytet Warszawski, established in 1816 is a public higher education institution. The university is entitled to confer the degrees of 'doktor', 'doktor habilitowany' and apply for the title of 'profesor'. The university educates students in the spirit of Magna Charta Universitatum and is also a party to the Agreement of Polish Universities on the Quality of Education, as a result of which the University Accreditation Commission was established.

5. Name and status of institution administering studies [2]

   Uniwersytet Warszawski

   Uniwersytet Warszawski, established in 1816 is a public higher education institution. The university is entitled to confer the degrees of 'doktor', 'doktor habilitowany' and apply for the title of 'profesor'. The university educates students in the spirit of Magna Charta Universitatum and is also a party to the Agreement of Polish Universities on the Quality of Education, as a result of which the University Accreditation Commission was established.

   The University of Edinburgh - United Kingdom

6. Language(s) of instruction/examination: *Polish, English*

III. INFORMATION ON THE LEVEL OF QUALIFICATION

1. Level of qualification: *second cycle programme*
2. Official length of programme: *5-year studies (3+2)*
3. Access requirements: *maturity certificate or entrance examination*

Academic year 2007/08

Computer Security	wyk 20	5	5
Computer Communications and Networks	wyk 20	5	5
Enterprise Computing	wyk 20 / cw 8	4	5
Agent Based Systems	wyk 20 / cw 8	4,5	5
Decision support systems	sem 60	4,5	12
Distributed Systems	sem-mgr 60	ZAL	6
Informatics 2D: Reasoning & Agents	wyk 30 / cw 10 / lab 20	4,5	10

Admission of incoming students

Admission of incoming students

Online application for short-term studies

University of Warsaw

| Home | Application | Help | Log out |

Application

Step by step

1. ✅ All personal data completed. Review and modify.
2. ✅ Accommodation decision made. Review.
3. ✅ Status filled in. Review and modify.
4. ✅ Studying details completed. Review and modify.
5. ❌ **Upload your documents.**
6. ❌ **The confirmation of acceptance.**
7. ❌ **Send the application form by post.**

Message inbox

No new messages.

Last thoughts

- All data is gathered in one repository and shared by many applications
- Quality is obtained by transparency
- Standardized organizational procedures support comparability
- To successfully deploy IT one needs:
  - Hardware
  - Software
  - People – most important part of IT (people create and deliver CONTENT)
- Mobility without paper
  - RS3G → http://usos.edu.pl/Mobility