

# How EMREX may help in IT support for central admission

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# Agenda

- EMREX project
- EMREX architecture
- EMREX in Poland
- EMREX in Norway
- EMREX for central admission at institution level or country level



# EMREX

## Field trial on the impact of enabling easy mobility on recognition of external studies



EU Erasmus+ KA3 project (2015-2017).

**Denmark, Finland, Italy,  
Norway, Sweden**



**and Poland**

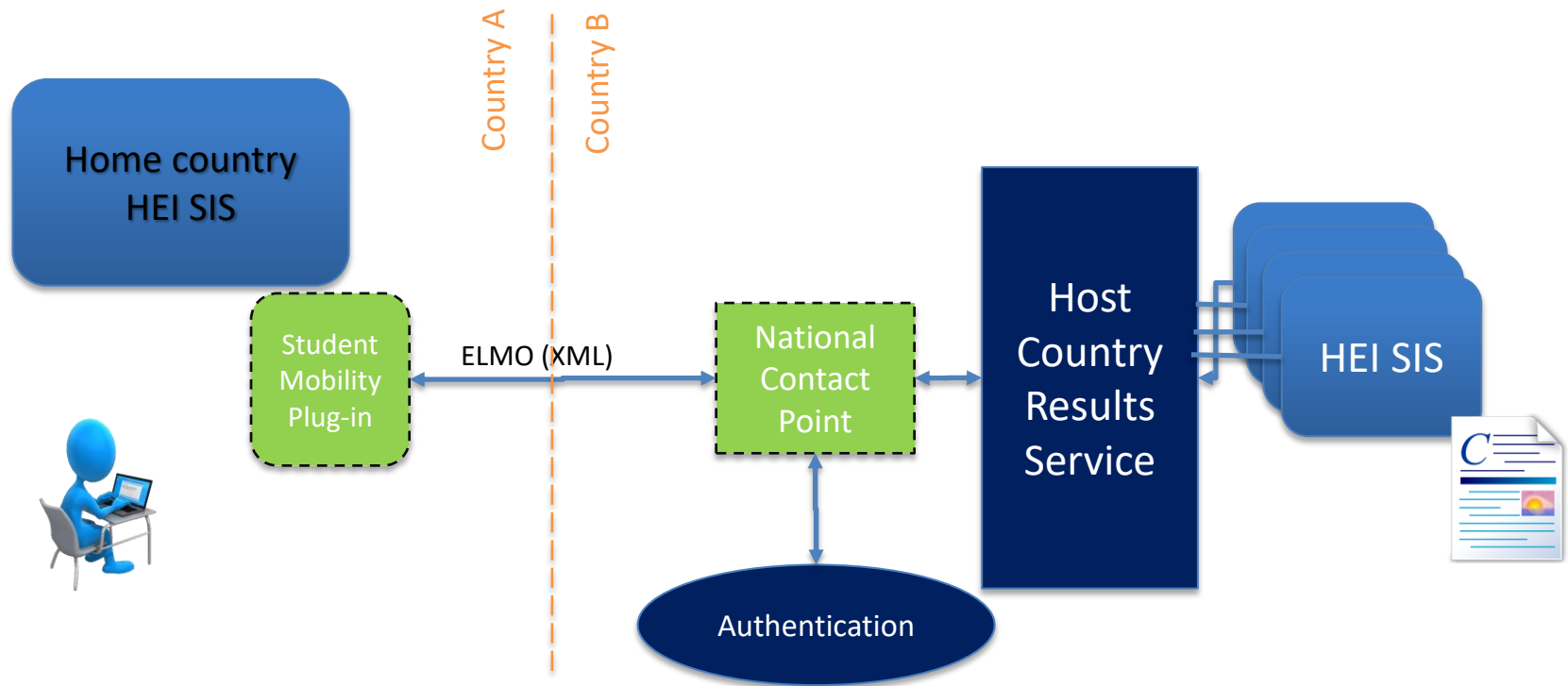
- Building platform for an effective transfer of student achievements between partner institutions.
- Running field trial.

# EMREX Network

- Student achievements are described in a common data format **EMREX-ELMO** which has a status of an open semi-standard.
- Each partner adds **student mobility plug-in** and **EMREX Client** to local student information systems (**SIS**), sets up **national contact points** at country-level (or at institution-level) through which partner institutions may get access to data on student achievements.
- Data transfer is initiated by students.
- Authorization is required at home institution and host institution.
- Common software is open source and can be reused by new institutions.
- EMREX website: [www.emrex.eu](http://www.emrex.eu)
- EMREX on GitHub: [github.com/emrex-eu](https://github.com/emrex-eu)



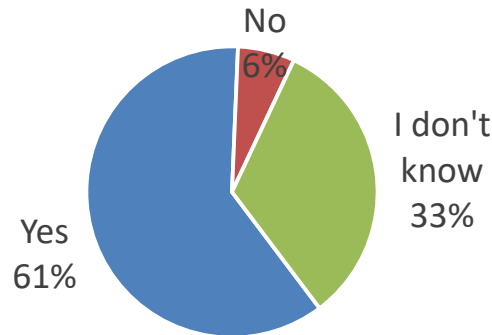
# How it works?



Student returning home can retrieve his achievement data electronically

# Live field trial (production systems)

Would you use EMREX?

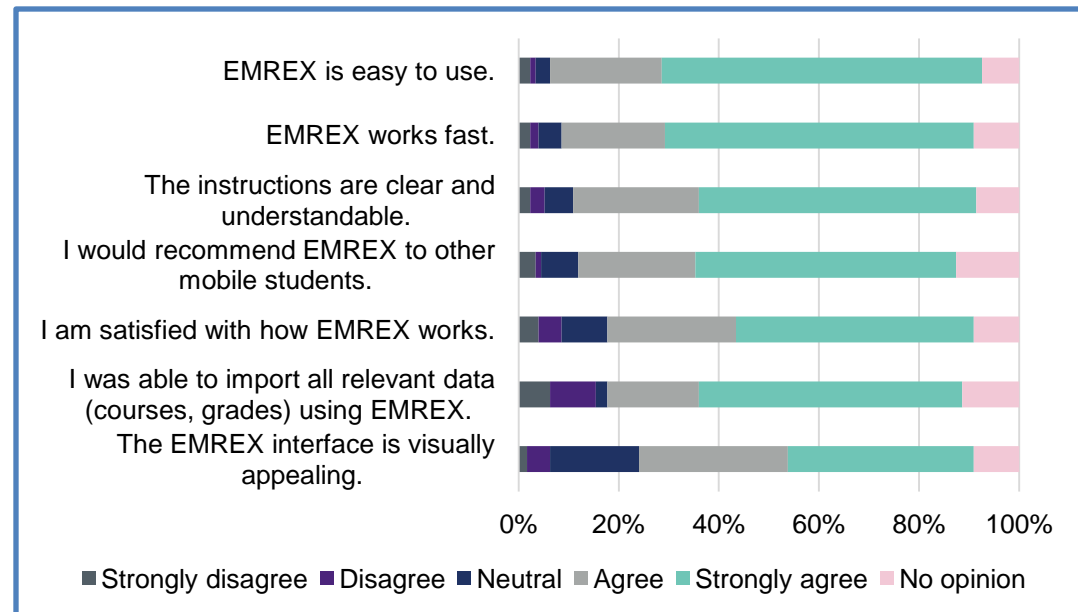


*“Very quick and straightforward to use”*

*“The courses etcetera are all in Swedish”*

*“I would like to see some extra information on courses”*

*User experience*





# EMREX in Poland

# LIVE DEMO

(if network works skip the following 7 slides)

Student Robert  
from  
the University of Warsaw  
spent  
summer semestr 2016  
in  
the Arctic University of  
Norway





Student returns home after the last exam, no need to wait for the paper version of the transcript of records. At some moment student signs in to the student portal of the University of Warsaw.

## INTRODUCTION

## REGISTRATIONS

- ▶ calendar
- ▶ cart
- ▶ for courses
- ▶ direct for groups
- ▶ group preferences
- ▶ for exams
- ▶ token registrations

## MY STUDIES

- ▶ tests
- ▶ grades
  - ▶ my grades
  - ▶ **EMREX**
- ▶ linkage
- ▶ POL-on
- ▶ decisions
- ▶ promotions
- ▶ dean's groups
- ▶ applications
- ▶ rankings
- ▶ applications
- ▶ stipends
- ▶ student mobility
- ▶ surveys
- ▶ payments
- ▶ diplomas



### Import your achievements data

In this module, you can import your achievements from the external institution.

[Start new import](#)



University of Warsaw

You're using a **beta** version of the student mobility data exchange service.

This service is a part of an international project (EMREX) which is still in the stages of being developed and tested. If you encounter any technical problems please report it in your dean's office.



Student clicks blue button

Start new import

Chooses Norway

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## Import your achievements data



### Choose country and institution

	Denmark
	Finland
	Italy
	<u>Norway</u>
	Poland
	Sweden



University of Warsaw

You're using a **beta** version of the student mobility data exchange service.

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Student signs in using central authorization service in Norway

### Log in using Feide



Feide is the chosen solution of the Department of Education for secure identification in the education sector [Log in using Feide](#)



Users from Norwegian universities and colleges



Log in using ID-porten with MinID, BankID, Buypass or Commfides



Diploma Registry 1.26 - 05.10.2017 10:32

[www.vitnemalsportalen.no](http://www.vitnemalsportalen.no)

Email: [vitnemalsportalen@ceres.no](mailto:vitnemalsportalen@ceres.no)

[Read about our usage of cookies.](#) x



[English](#) | [Bokmål](#) | [Nynorsk](#) | [Sámegiella](#)

### Login through Feide

Diploma Registry has requested that you login. You have chosen **UIT The Arctic University of Norway** as your affiliation. [Change?](#)


Username

Password

Login

[Forgot username or password?](#)

Student is admitted to the Central Registry of student results in Norway, can see his achievements



■ Welcome Robert

## My results

If you need documentation of results achieved in Norway that do not appear in the diploma registry, please contact the relevant institution.


**UiT The Arctic University of Norway**

**Results (30 ECTS)**

<input checked="" type="checkbox"/>	Course code	Course	Semester	Credits	Grade	Grade distribution A B C D E ?
<input checked="" type="checkbox"/>	ENG-1016	Introduction to English Sound Patterns	2016 Autumn	10 ECTS	B	
<input checked="" type="checkbox"/>	PSY-1005	Social psychology	2016 Autumn	10 ECTS	E	
<input checked="" type="checkbox"/>	STV-1006	Arctic Norway - Aspects of Politics, Government and International Relations	2016 Autumn	10 ECTS	C	

[View selected results](#)

[Abort transfer](#)

 Diploma Registry 1.26 - 05.10.2017 10:32  
[www.vitnemalsportalen.no](http://www.vitnemalsportalen.no)  
Email: [vitnemalsportalen@ceres.no](mailto:vitnemalsportalen@ceres.no)

Students confirms, chooses green button

Transfer records



UiT The Arctic University of Norway

Results (30 ECTS)

Course code	Course	Semester	Credits	Grade	Grade distribution				
					A	B	C	D	E
ENG-1016	Introduction to English Sound Patterns	2016 Autumn	10 ECTS	B	1	2	2	1	1
PSY-1005	Social psychology	2016 Autumn	10 ECTS	E	1	2	2	2	1
STV-1006	Arctic Norway - Aspects of Politics, Government and International Relations	2016 Autumn	10 ECTS	C	1	1	2	2	1

The document has been signed. You can now transfer the results.

[Signed document with selected results \(PDF\)](#)

NB: Some browser's internal PDF viewers do not show digital signature. In such cases, we recommend using Adobe Acrobat Reader.

I confirm that these results will be transferred to [https://usosweb.mimuw.edu.pl/kontroler.php?\\_action=dla\\_stud/studia/oceny/emrex/importujElmo](https://usosweb.mimuw.edu.pl/kontroler.php?_action=dla_stud/studia/oceny/emrex/importujElmo)

Transfer records

Back

[Abort transfer](#)

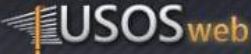


Diploma Registry 1.26 - 05.10.2017 10:32


[www.vitnemalsportalen.no](http://www.vitnemalsportalen.no)

Email: [vitnemalsportalen@ceres.no](mailto:vitnemalsportalen@ceres.no)

and is back home, in Warsaw, with the list of courses ...



NEWS
DIRECTORY
MY USOSWEB
STUDENT'S SECTION
STAFF SECTION
COMMON SECTION




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- ▶ payments
- ▶ diplomas




## University of Warsaw

### Import your achievements data



ELMO file has been imported correctly

Imported data come from the institution: UIT - Norges arktiske universitet



Data in the ELMO file does not match data in the database. List of inconsistencies:

- family name -

If you want, you can also preview the files being sent:

- PDF file (optionally digitally signed),
- EMREX-ELMO file (digitally signed).

#### Courses not linked with any study program

No.	Course	Academic term	Grades	Class	ECTS credits
1	Introduction to English Sound Patterns (en) <small>Innføring i engelske språkltyder og lydmonstre (no) ENG-1016-1</small>	2016 Autumn (en) <small>2016 Haust (nn) 2016 Høst (no)</small>	B	not available	10
2	Social psychology (en) <small>Sosialpsykologi (no) PSY-1005-1</small>	2016 Autumn (en) <small>2016 Haust (nn) 2016 Høst (no)</small>	E	not available	10
3	Arctic Norway - Aspects of Politics, Government and International Relations (en) <small>Arctic Norway - Aspects of Politics, Government and International Relations (no) STV-1006-1</small>	2016 Autumn (en) <small>2016 Haust (nn) 2016 Høst (no)</small>	C	not available	10

Return

and the signed transcript of records which – according to law – is equivalent to the paper version signed by hand

Podpisano. Wszystkie podpisy są poprawne. Panel Podpis

**Podpisy** ✕

📄 ☰ Sprawdź poprawność wszystkich

👤 ✓ **Wersja 1: Podpisane przez CERES**

Podpis jest prawidłowy:  
 Źródło Trust uzyskane z Adobe Approvec  
 Dokument nie został zmieniony po za  
 Tożsamość podpisującego jest prawid  
 Podpis zawiera osadzony znacznik cza  
 Podpis nie obsługuje LTV i wygaśnie p

> Szczegóły podpisu

Ostatnio sprawdzone: 2017.11.11 12:23:22

Pole: Signature1 na stronie 1

[Kliknij, aby wyświetlić tę wersję.](#)



**Name: Robert** Date of birth: 15/04/1995

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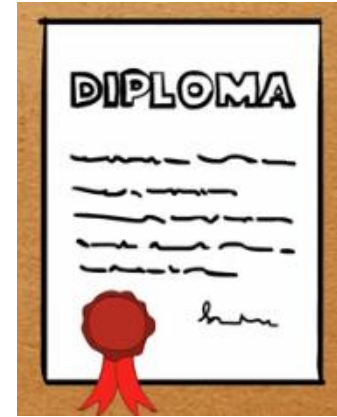
Robert has chosen to share the following results:

**UiT The Arctic University of Norway**  
**Results (30 ECTS)**

Course	Semester	Credits	Grade	Grade distribution					
				A	B	C	D	E	
ENG-1016	Introduction to English Sound Patterns	2016 Autumn	10 ECTS	B					
PSY-1005	Social psychology	2016 Autumn	10 ECTS	E					
STV-1006	Arctic Norway - Aspects of Politics, Government and International Relations	2016 Autumn	10 ECTS	C					

# Where else can EMREX help?

- Internal national mobility.
- Admission to educational institutions.
- Recruitment for jobs.
- Validation of degrees and diplomas.
- Informal learning.





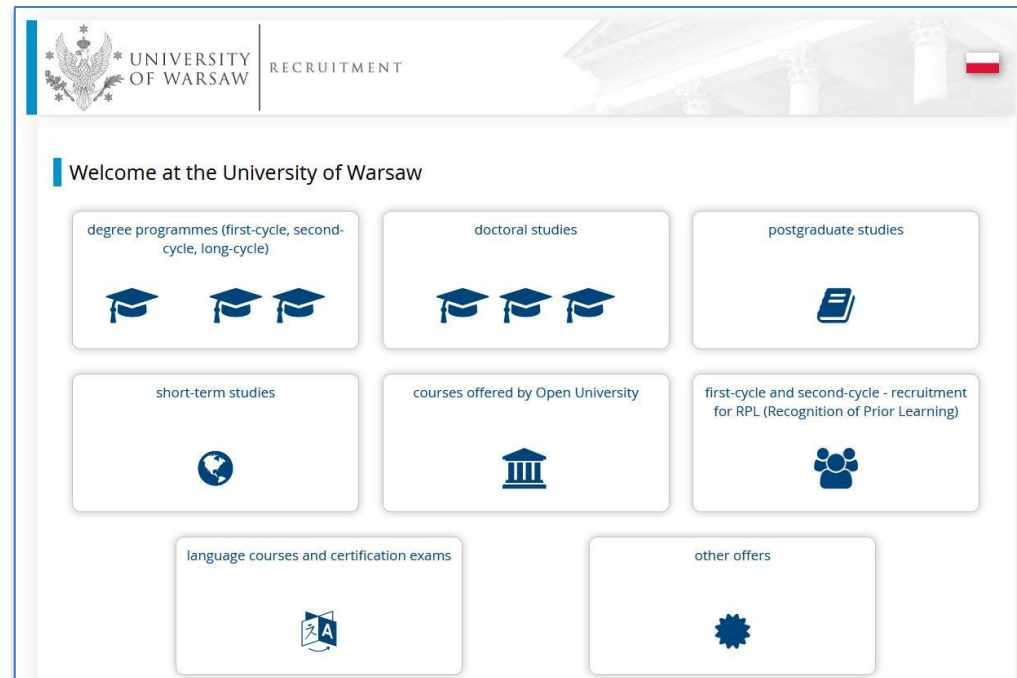
# Poland internal mobility

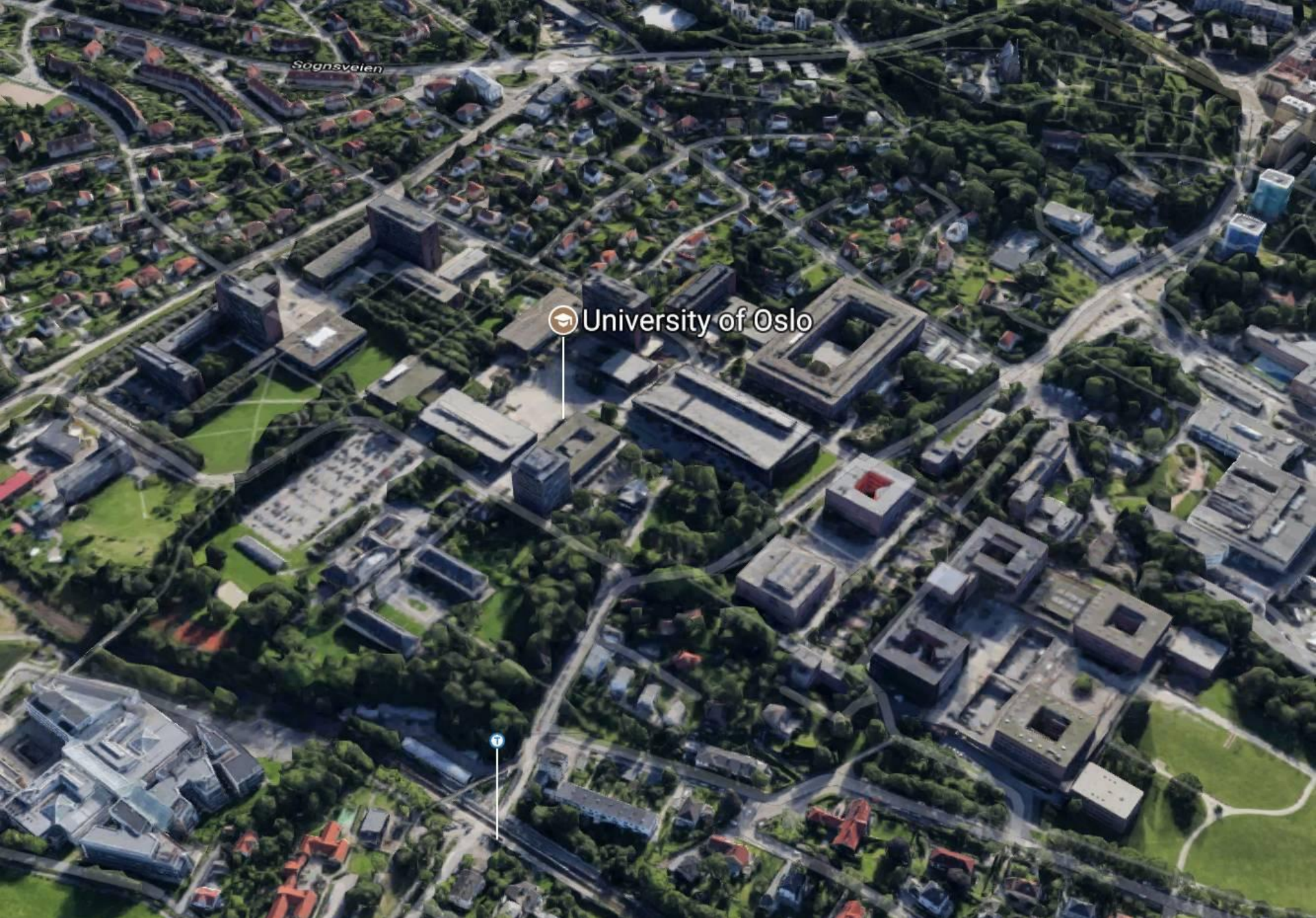
- **MOST** (Polish word for **bridge**) is a mobility program for Polish students.
- Based on the rules similar to Erasmus+ but limited to students of Polish HEIs.
- Coordinated by UAC (**University Accreditation Commission**) established in 1998 by the **Conference of Rectors of Polish Universities**.
- Involves **20** Polish public universities, members of UAC, and **8** associated HEIs.
- **15** of these HEIs belong to consortium **MUCI** and use the same SIS → **USOS**.
- Covers over **400** fields of studies.
- Over **6000** students took part in the program since its start in 1999.
- Since May 2010 admission to MOST is carried at one central admission system, which will soon be replaced by the new system with built-in EMREX client.
- Student's achievements from home institution can be transferred to the admission system and be the basis for the admission decisions.



# Central admission in Poland?

- Admission to Polish HEI's is currently conducted centrally at institutional level.
- Admission is carried on-line.
- Admission system developed by MUCI is used in many Polish institutions.
- Its new version will be integrated with EMREX and offered free of charge to all Polish HEIs (RPO-WM project „e-UW”, 2017-2019).
- It might become the basis for the central admission to HEIs in Poland.
- Political decisions are needed.
- The goal could be achieved in small steps, starting with some volunteer institutions ...
- Students would be the main beneficiaries.





Sognsveien

University of Oslo

T

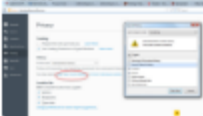
EMREX in Norway

# EMREX in Norway

- Use of EMREX in Norwegian admission
  - Prerequisites to study programmes
    - Degrees
    - Courses
  - Admission criteria
    - Study points
    - Grades

# Admission web for applicants

New Application English Kaisa Keränen Bytt bruker

 **Søknadsweb**  
University of Oslo-utv

1 My Profile 2 Choose Admission 3 Apply 4 **Documents** 5 Receipt

## Uploading documents

You may here upload documents that verify your experience and competence.

### Submission deadline

Application	Deadline
Master of Testing Autumn 2015	Please submit documents before 1. july 2017

+ Choose new document + Import results from abroad

Previous Next

# Use EMREX to retrieve results

Emrex sequence



Here you can fetch results from another higher education institution in Europe. The results will be digitally signed by the issuing institution, and you will have the possibility to import them to Admission Web. This process is part of EMREX, an international project for electronic transfer of student records between higher education institutions.

Choose country:

Go to chosen country



# Søknadsweb

University of Oslo-utv

## My Applications

### ▼ Master of Testing Term for admission Autumn 2015




<http://www.uis.no/forskning-og-ph-d-studier/forskerskolen-profres/opptak/> 

Application deadline 05.05.2017

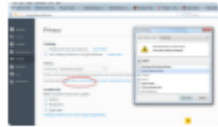
Early Application Deadline 21.12.2016

Result will be published 24.11.2016

Documentation submission deadline Please submit documents before 1. july 2017

 Change application Cancel application Receipt

Priority	Code	Study	You have requested special assessment	Status
1	1009	Master of Trends	No	Under consideration



## Søknavsweb

University of Oslo-utv

## External Results

This chart shows the results obtained from other Norwegian institutions, as of today. It will be updated when new imports are performed.

Semester	Course	Result	ECTS
2012 AUTUMN	Orjentoituvat opinnot (University of Tampere)	Bestått	2
2012 AUTUMN	Tietotekniikkataidot (University of Tampere)	Bestått	3
2012 AUTUMN	Ruotsin kielen kirjallinen ja suullinen viestintä (University of Tampere)	Bestått	0

[Import of results from abroad](#)



# Process of data from EMREX

Søknernr: Fnr: **185766 90084** Navn: **Keränen Kaisa**  
Opptak: **MS SOKW-ME** Termin: **2015 - HØST**  
Opptakstudieprogram: **185 1009 Master of Trends**

Kode	Navn	Termin	SP	Karakter
<a href="#">Tampereen yliopisto</a>				
<--	Tietotekniikkataidot	2012H	3	0
<--	Ruotsin kielen kirjallinen ja suullinen	2012H	0	0
<--	Orjentoituvat opinnot	2012H	2	0

Hent ekstern norsk utdanning

Vis

Bestilt 27.01.2017 15:42

Har bachelor-grad: **Nei**

Oppdater kvalifikasjonsgrunnlag og poeng

Manuell registrering

# Also for internal mobility

Kode	Navn	Termin	SP	Karakter
Høgskolen i Oslo og Akershus				180
<input type="button" value="Hent ekstern norsk utdanning"/> <input type="button" value="Vis"/>				
<input type="checkbox"/> 15.11.2016 07.08.2016 01.01.				
Kode	Navn	SP	Kar.	Poeng
Høgskolen i Oslo og Akershus				
<input type="checkbox"/> <input type="checkbox"/>	BLH1100-1	Barns utvikling, lek og læring	20 B	4
<input type="checkbox"/> <input type="checkbox"/>	BLH2100-1	Språk, tekst og matematikk	20 C	3
<input type="checkbox"/> <input type="checkbox"/>	BLH2200-1	Samfunn, religion, livssyn og etikk	20 C	3
<input type="checkbox"/> <input type="checkbox"/>	BLH3900-1	Bacheloroppgave	15 D	2
<b>Totalt</b>			<b>75</b>	<b>3,07</b>
Kode	Navn	Termin	SP	Karakter
Høgskolen i Oslo og Akershus				180
	BLH1100-1 1	Barns utvikling, lek og læring	B 2014V	20 B
<input type="button" value="←"/>	BLH1200-1 2	Natur, helse og bevegelse	B 2014V	20 C
<input type="button" value="←"/>	BLH1300-1 3	Kunst, kultur og kreativitet	B 2014V	20 A
<input type="button" value="←"/>	BLHP1ÅR-1 8	Praksis i barnehage, 1. studieår	B 2014V	0 Bestått
	BLH2100-1 4	Språk, tekst og matematikk	B 2014H	20 C
	BLH2200-1 5	Samfunn, religion, livssyn og etikk	B 2015V	20 C
<input type="button" value="←"/>	BLH2500-1 6	Forsterkning i kunnskapsområdet n B	2015V	20 D
<input type="button" value="←"/>	BLHP2000-1 9	Praksis i barnehage, 2. studieår	B 2015V	0 Bestått
<input type="button" value="←"/>	BLH3140-1 7	Barn med særlige behov	B 2015H	30 C
<input type="button" value="←"/>	BLH 12	Bachelorstudium i barnehagelærer	B 2016V	0
<input type="button" value="←"/>	BLH3010-1 10	Praksis- og studieopphold ved instit	B 2016V	15 C
	BLH3900-1 11	Bacheloroppgave	B 2016V	15 D
<input type="button" value="←"/>	BLH3010-1 10	Praksis- og studieopphold ved instit	B 2016V	15 C
	BLH3900-1 11	Bacheloroppgave	B 2016V	15 D

# EMREX in Norway

- Use of trustable, standardised and comparable data in the admission process
  - Simplify the process for the applicant
  - Simplify the process for the administrator
  - Improve quality
  - A more transparent process

# Q&A

## Acknowledgments

- EMREX project is co-funded by the Erasmus+ Programme of the European Union under the grant 388499-EPP-1-2014-2-FI-EPPKA3-PI-POLICY.
- The University of Warsaw is co-financed by the Polish Ministry of Science and Higher Education from the funds allocated in the years 2016-2017 for science, granted to international co-financed project.