Hochschule Augsburg
University of Applied Sciences

Double Degree MSc Computer Science

Hochschule Augsburg together with Odessa Polytechnic National University, Ukraine

Hochschule Augsburg
University of Applied Sciences

Faculty of Computer Science

Our History

- 1980: First modules in computer science
- 1991: Foundation of the faculty of computer science
- 2004: Introduction of the master programme in computer science
- 2006: Introduction of the bachelor programmes

Today

- 24 Professors
- 20 Part-time lecturers
- 17 Staff members
- 12 Research assitants
- 10 Degree programme courses
- Around 840 students

International activities

Cooperations with partner universities in e. g.

- Denmark
- Russia
- Sweden
- Spain
- Ukraine
- USA
- UK
- etc.

For example: Research and development projects for students, study semesters abroad, practical placements as well as final theses

New
BSc programme

International
Information
Systems

```
System.out.println("Hello world");
```

```
printf("hello world.\n");
```

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MSc Computer Science course

- Integration of research and teaching
- Skills in scientific debate
- Teach/learn to work independently
- Leadership skills

- Full-time study programme
- 3 semesters (90 ECTS)
- Modules in German language

- 25 ECTS optional modules
- 25 ECTS thesis project

Studienplan für den Masterstudiengang Informatik

Modul Wissenschaftliche Grundlagen	CP
Angewandte Mathematik	5
Theoretische Informatik	5
Modul Systemarchitekturen	
Softwaresysteme	5
Hardwaresysteme	5
Modul Vertiefung	
Wahlpflichtfächer	25
Modul Wissenschaftliches Arbeiten	
Projektarbeit	10
Workshop	5
Masterseminar	5
Modul Masterarbeit	
Masterarbeit	25
Gesamt	**90**

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Odessa Polytechnic National University

- Location: Ukraine, Odessa, Shevchenko ave., 1
- Ownership: State
- Affiliation: Ministry of Education and Science of Ukraine
- Foundation year: 1918
- Higher education levels of training programs

  - First (Bachelor) level: 36 specialties, 76 educational programs (specializations)

  - Second (Master) level: 29 specialties, 62 educational programs (specialization)

  - Third (educational-scientific) level (seeking the Doctor of Philosophy degree): 22 specialties
- Scientific level (seeking the Doctor of Sciences degree): 15 specialties
- The actual number of students studying at the university: is 6 618 people
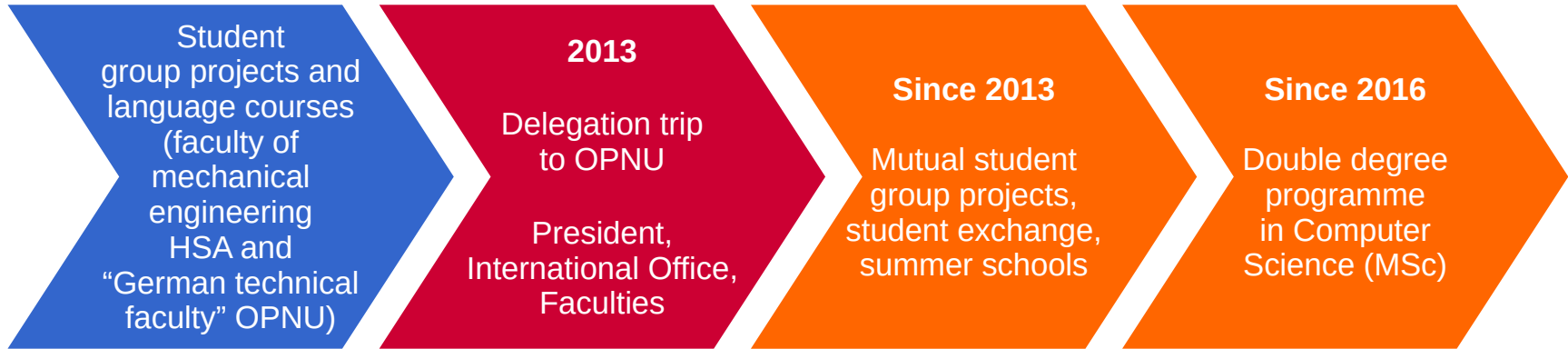
Source: https://op.edu.ua/

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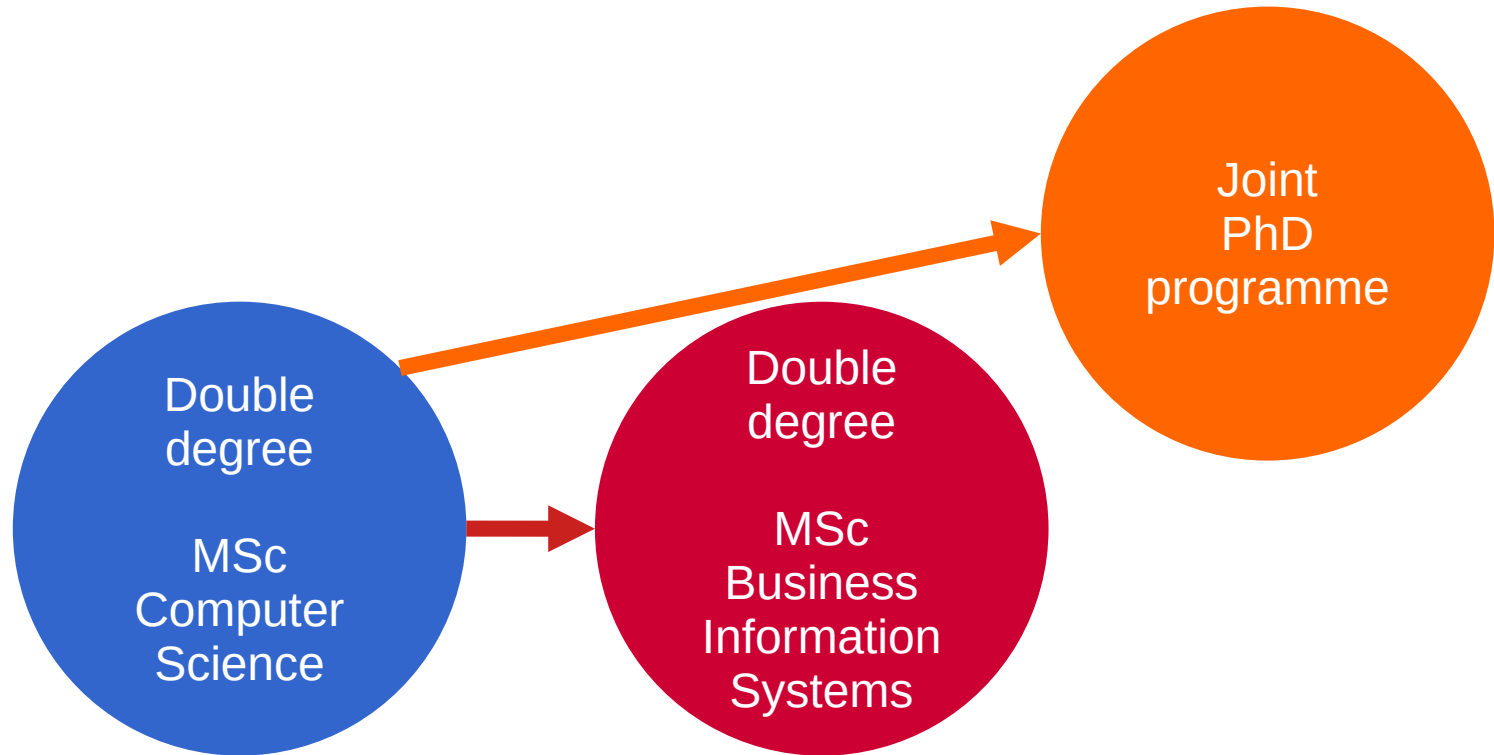
Master in information management systems and technologies – Institute of Computer Systems

- Full-time study programme
- 3 semesters
- 90 ECTS
- Modules in Ukrainian language

- 16,5 ECTS thesis project

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Student
group projects and
language courses
(faculty of
mechanical
engineering
HSA and
"German technical
faculty" OPNU)

2013

Delegation trip
to OPNU

President,
International Office,
Faculties

Since 2013

Mutual student
group projects,
student exchange,
summer schools

Since 2016

Double degree
programme
in Computer
Science (MSc)

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- Formal agreement (2016)
  - Based on the first „Memorandum of Understanding" (from around 2013)

- Addendum A1 (module correlations)
  - Partner university's study programmes
  - Module correlations and „student stories"

- Addendum A2 (degree requirements)
  - R1: 25 ECTS from partner university
  - R2: Joint master thesis
  - R3: Executive summary in partner's language

- Addendum B (organisational issues)
  - Following the ERASMUS+ agreement template
  - Necessary language skills

    - @HSA: German B1

    - @OPNU: Russian B1, English B1

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Thank you for your attention!
Do you have any questions?

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