

**GO  
FURTHER**

**GET FAR**



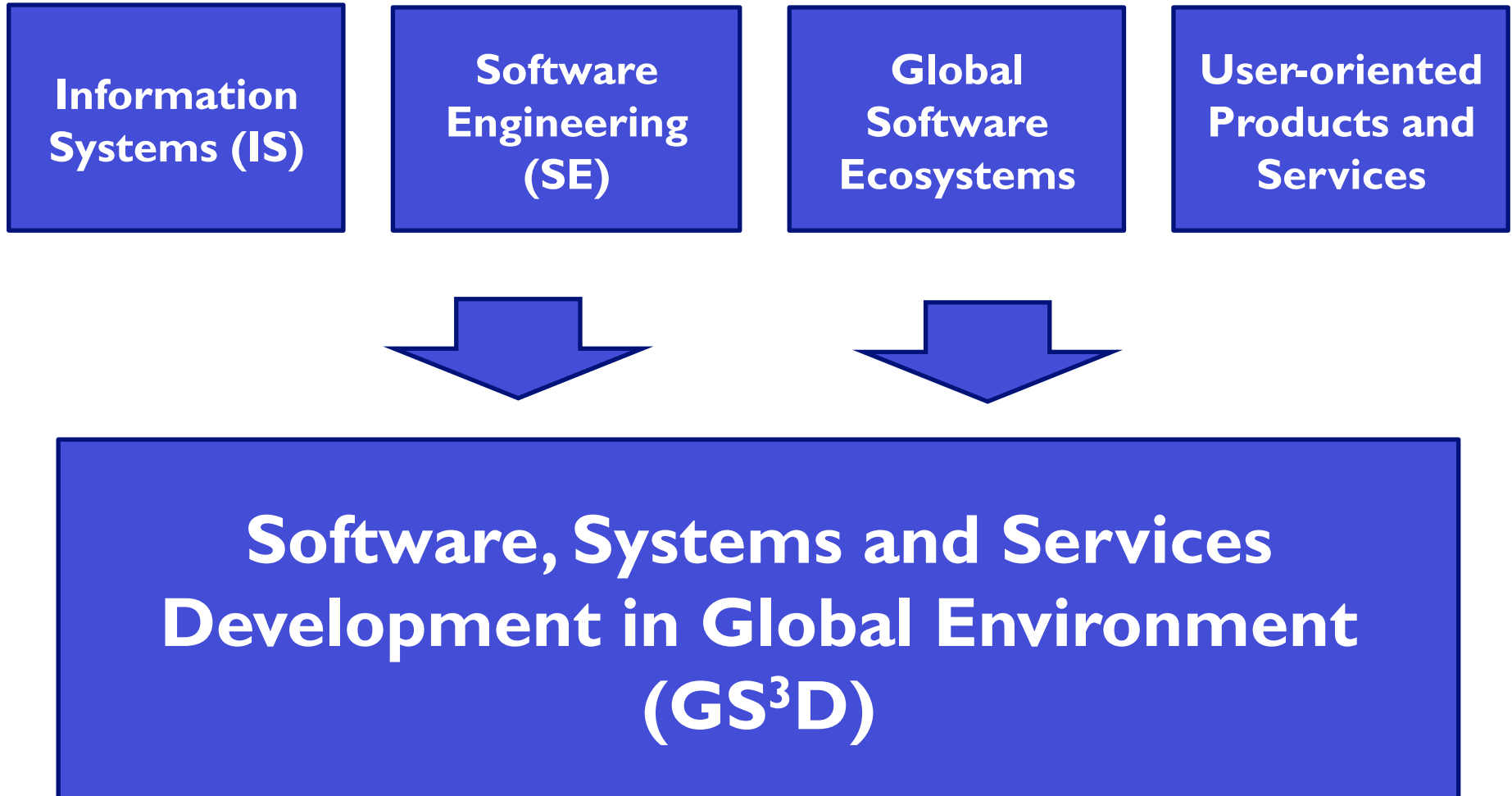
UNIVERSITY of OULU  
OULUN YLIOPISTO



**Software,  
Systems and  
Services  
Development in  
Global  
Environment  
(GS<sup>3</sup>D)**

**Marianne Kinnula, PhD  
Director of GS<sup>3</sup>D  
programme**

# **GS<sup>3</sup>D – International Master's Programme since 2010**



# Learning outcome

ICT companies are more and more global and every business is software business, thus we provide

- ✓ Solid foundation of **SW engineering and Information Systems methods and technologies**
- ✓ **Competence to work** as experts and managers in **global ICT companies**
- ✓ Skills to **lead multicultural teams, projects and units**
- ✓ **Good language skills**

Skills for academic **research**

- ✓ **Possibility and skills to progress to PhD** and participate in research group work at the department



# Basic information

- ✓ Graduate in two years (120 ECTS)
- ✓ Clear programme structure, based on ACM curriculum
- ✓ Motivated students
- ✓ Diverse teaching methods (lectures, exams, group work, essay writing, home assignments, projects, ...)
- ✓ **No tuition fee** for high quality education, you pay only your personal living costs (~600-900 €/month)
- ✓ We don't give scholarships/grants



# Structure of studies

Compulsory studies: **Software Engineering module, 15 ECTS**

+

Compulsory studies: **Information Systems module, 25 ECTS**

+

+

**Optional studies, 25 ECTS**

Courses from own department or minor studies from other faculties

+

**Compulsory studies, 55 ECTS**

Orientation studies etc., 5 ECTS  
Software factory project course, 10 ECTS  
Information Systems Theory OR  
Software Engineering Research 5 ECTS  
Research methods 5 ECTS  
Master's thesis, 30 ECTS

**= 120 ECTS**

# Compulsory studies 25+15 ECTS

## Information Systems module

System Design Methods for  
Information Systems

ICT and Organisational Change

IT Infrastructure

Software business and IT  
Management, **or**

Software Business Development

Information Security Policy  
Management in Organisations

## Software Engineering module

Software Development in Global  
Environments

Open Source Software  
Development

Software Engineering Management,  
Measurement, and Improvement

# Optional studies 25 ECTS

You can choose from the following courses

- Real Time Distributed Software Development
- Embedded Software Development Environments
- Software Production and Maintenance
- Software Quality and Testing
- Interaction Design
- Enterprise Systems
- Emerging Technologies and Issues
- The Next Generation of the Web
- Doing SW Business in China
- Other courses in IS/SE orientation

Or you can also take a minor from

- Business
- Computer science
- ...

# Our students

- >30 new students yearly (max 50)
- 27 different nationalities since 2010 – next academic year students from 15 nationalities
- Finnish students and international students in same groups
- Thriving community of Chinese students in Oulu

# Requirements

To apply for our master's programme

- ✓ you are required to hold a Bachelor's degree or equivalent, from an institution of higher education, with good or excellent merits
- ✓ degree must be equivalent to at least three years of full-time studies (180 ECTS)
- ✓ degree is in Software Engineering, Information Systems, Computer Science, Information Technology, Computer Engineering or nearby studies (enough studies on the field).

Minimum English language requirements (test needed):

- ✓ TOEFL PBT580, iBT 92 or IELTS 6,5

Acceptance rate about 30%, depending on year

# How to apply?

Application period: 15 December 2015 - 30 January 2016

We interview all the applicants that fulfill the basic criteria

We will inform about the selection results in the end of April 2016

Detailed information on web:

<http://www.oulu.fi/degree/howtoapply>

<http://www.oulu.fi/degree/admissions>



# We asked what our students want to tell you about studying in Oulu and Finland

- "There are a lot of students here, so you are in real international community here"
- "Rational admission process, well designed programme (GS3D), good university atmosphere, evaluating student is fair as far as I think. University prepares good situation for studying. Personnel are very welcoming and always helpful."
- "Linux was developed by a Finnish guy named Linus"
- "Snow and arctic weather is the best thing to experience. You can see aurora borealis (northern lights) in winters"
- "You could experience midnight sun in summers"
- "You can drink the lake water without any issue"
- "I can gladly say I LOVE Finland. Finns are one of the best people in the world"
- "You can party a lot 😊"
- "There are already many Chinese students studying and working and they celebrate their events too"
- "Finnish people are very very helpful"
- "People here are easy going"
- "You can cycle. After few months you will not be able to imagine your life without cycling"
- "Finland has one of the most clean air and environment around the world, it is just a paradise with regards to the natural environment"
- "If you concern about the coldness, then I will tell you Oulu is much warmer than Nanchang in winter, because the inside is warm, while the outside is colder than outside in Nanchang. So the coldness shouldn't be a problem."

# **About Finland and University of Oulu**

# FINLAND – A COUNTRY IN THE NORTHERN EUROPE



- Republic of Finland
- 5 500 000 inhabitants
- 300 000 km<sup>2</sup>





# DIRECT FLIGHTS FROM ASIA ON FINNAIR



# Oulu Region

## By numbers

- ~225,000 inhabitants
- R&D input 4800 €/capita/year (highest in Europe) 13.0% of regional GDP
- over 18 000 high technology jobs
- over 800 high tech companies

## Ubiquitous Oulu:

- Smart City awards
- mobile technologies
  
- public end-user testing
- PanOULU WLAN network
- Living Lab environment
  - public testing laboratory



# Excellent education system

The Economist Intelligence Unit for  
Pearson:

## 'The Best Education System in the World: Finland'

(<http://www.businessinsider.com/finlands-education-system-best-in-world-2012-11>)

Excellent performance in the PISA  
assessment  
(Programme for International Student  
Assessment)





# Finland one of happiest countries in the world

1. Denmark
2. Norway
3. Switzerland
4. Netherlands
5. Sweden
6. Canada
7. [Finland](#)



[http://www.telegraph.co.uk/travel/travelnews/10301496/  
Denmark-the-worlds-happiest-country.html](http://www.telegraph.co.uk/travel/travelnews/10301496/Denmark-the-worlds-happiest-country.html)

Sure, you will like the Finnish Sauna 😊



# Have a Try!





# Ultimate Test!



# Great trekking opportunities!



# Thousands of lakes!





Like fishing and rowing a boat  
on a lake, river or sea?







**Blueberries are everywhere  
(and mushrooms)!**  
Beautiful and clean country, very safe





# Aurora borealis at Winter time



"Aurora2" by Jan Curtis of the Geophysical Institute at the University of Alaska, ACRC

# Home of Santa Claus

**SANTA CLAUS VILLAGE**  
ARCTIC CIRCLE, ROVANIEMI

Sitemap English Change language

Infomap

Search Search

**WELCOME**  
TO THE SANTA CLAUS VILLAGE AT THE  
ARCTIC CIRCLE IN ROVANIEMI, LAPLAND

**OPENING HOURS**  
OPEN DAILY  
More details

- \* HOME
- \* SANTA CLAUS ▶
- \* ARCTIC CIRCLE ▶
- \* SHOPPING ▶



# Is it cold living in Oulu?

- Four distinct seasons (Summer, Fall, Winter, Spring)
- Sometimes -10 -- -25 C in winter; more commonly around -0 -- -10 C (and snow, of course)
- Central heating system and triple glasses in windows keep the temperature convenient inside
- Air conditioning system increasingly in houses for cooling in summer
- In summer time about +15 -- +30
- Midnight sun in late June



# University of Oulu: ECTS accreditation in 2013

- European Credit Transfer and Accumulation System, ECTS
- Awarded by the European Commission
- Awarded to the top 2% of European universities
- University of Oulu is the first university in Finland to achieve the accreditation





# International student satisfaction

- International StudyPortals Student Satisfaction awards 2014:
  - Finland was selected as the most satisfying country to study in Europe
  - High level of academics, great social life and satisfying university services were the main aspects that international students appreciated about Finland
  - University of Oulu #1 in Finland



**6,962 students**

shared their experience during the 2013/2014 academic year on STEXX



International student satisfaction by country of destination

Students in Finland	9.2
Students in Sweden	9.1
Students in Denmark	9.1
Students in Austria	9.0
Students in Poland	9.0

on a scale of 0 (lowest) to 10 (highest)



Mostly free healthcare: medical, dental, mental  
(for BSc and Msc students)

# Student living

- Accommodation: own room ([PSOAS.fi](http://PSOAS.fi)) ~250€/month – toilet, shower and kitchen in every dorm (~4 persons) / single
  - Free electricity at most places
  - Free water
  - Free sauna
  - Free laundry machine
  - Free fast internet connection
- Lunch: ~2.6 Euro





# Sports activities

University Sports of Oulu Sign In [Suomeksi](#)



HOME GENERAL THE SPORTS PASS **SPORT OPPORTUNITIES** CONTACT IN COOPERATION WITH WORLD-CLASS SPORTS

## SPORTS

- Competitions
- Dance
- Group Fitness
- Groups own shifts
- Gym training
- Martial Arts
- Outdoor Sports
- Racket Sports
- Team Sports
- Wellbeing
- Other Sports

All Sports

All Courses

Search sport opportunities

SEARCH

« November 14 »

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44						1	2
45	3	4	5	6	7	8	9
46	10	11	12	13	14	15	16
47	17	18	19	20	21	22	23
48	24	25	26	27	28	29	30

**Shifts on 16.11.2014**

[Tilaa päivittäiset vuorot RSS-syötteenä](#)

Time	Sport	Shift	Level
<b>Linnanmaa</b>			
sun 19:30 - 21:30	<a href="#">Gym shift</a>	Linnanmaa Sportshall	

Feedback





# Student guild activities



# More information

## About Finland

- <http://finland.fi/>

## Studying in Finland

- <http://www.studyinfinland.fi/>

## University of Oulu

- University of Oulu web page: <http://www.oulu.fi/english/>
- University presentation video: <http://www.oulu.fi/ladattavat/esittelyvideo/ENG.wmv>

## GS<sup>3</sup>D programme

- <http://www.oulu.fi/degree/g3d>

## Guide for international students

- <http://www.oulu.fi/english/studying/new-students/guide>

## Extra curricular activities

### Student Union

- <http://www.oyy.fi/en/>

### Our own student guild

- <http://www.blanko.fi/english/>

### University sports

- <http://www.oulunkorkeakoululiikunta.fi/?page=home>

## More information

- [marianne.kinnula@oulu.fi](mailto:marianne.kinnula@oulu.fi)



