

Master's Programme in Security and Cloud Computing

Technical University
of Denmark

NTNU

Norwegian University of
Science and Technology

Co-funded by the
Erasmus+ Programme
of the European Union



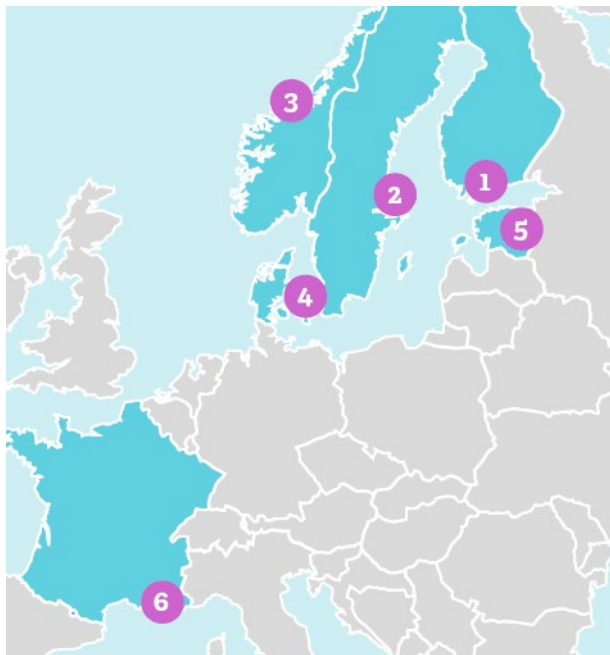
What is SECCLLO about?

- Two-year Erasmus Mundus Joint Master's Degree programme in Security and Cloud Computing
 - *Studies in two European countries, two officially recognized M.Sc. degrees*
- Innovation and R&D focused curriculum
- Industry and research collaboration
 - *Ericsson, F-Secure, KONE, BMW Group, Intel Labs Europe, SAP Labs, Cybernetica, GuardTime...*
- Competitive Erasmus Mundus scholarships

Erasmus Mundus Scholarships

- All applicants are either partner/programme country students and the scholarship amount depends on this
- Scholarships include contribution to participation costs, to travel and installation costs and to subsistence costs, which amount to 32 000€ – 49 000€ during the two academic years
- What is programme/partner country? See: <https://secclo.eu/scholarships-and-fees/scholarship-and-fees/>
- Also, additional scholarships targeted for applicants from specific regions, see from the link above

SECCLO consortium



1. Aalto University, Finland (coordinator)
2. KTH Royal Institute of Technology, Sweden
3. The Norwegian University of Science and Technology (NTNU), Norway
4. The Technical University of Denmark (DTU), Denmark
5. University of Tartu (UT), Estonia
6. EURECOM, France

Associate members

NOKIA Bell Labs



**BMW
GROUP**



intel[®] **ikerlan**
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

eficode

guardtime 

INSTA



**RI.
SE**

F-Secure 

 **SINTEF**

mnemonic 



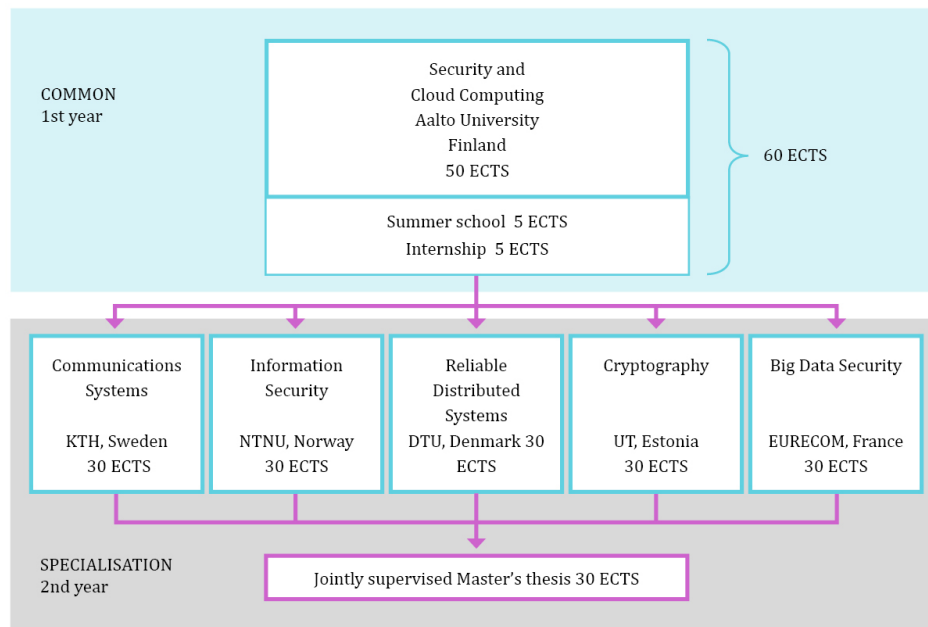
LIQUIDITY · NETWORK

SECCLO

Careers and employability

- Excellent career prospects as the demand for information security experts is very high in all sectors of the society.
- Graduates are well prepared for industrial R&D jobs, security engineering and consulting, various expert roles, as well as doctoral studies at the consortium universities or abroad.
 - *typical job titles of graduates include Software Engineer, Security Analyst, Development Engineer, Software & Systems Reliability Engineer, IT Security Specialist, R&D Engineer, Wireless Engineer, Enterprise Data Architect, Security Architect, Data Scientist, Web Developer, Security Engineer, Mobile Developer...*
- The alumni of our predecessor, NordSecMob, are employed in all the biggest ICT companies including *Ericsson, Microsoft, Nokia, Google, Facebook, Skype* and *IBM*, as well as in several prestigious universities in Europe, US and Australia.
 - *95% of over 200 graduates had a job within 6 months after graduation.*

Curriculum (120 ECTS)



What you will learn in SECCLLO

- We aim to educate professional engineers who are able to take on the most demanding R&D tasks and drive the development of future products and services.
- Our graduates
 - *have the theoretical understanding of information security and practical skills for designing and critically analyzing secure computing systems.*
 - *understand the architectural principles of distributed services and applications.*
 - *have strong software development skills that enable them to take expert roles in an industrial R&D environment and qualify them to doctoral studies.*

Admission requirements

- A Bachelor's degree in computer science or information technology or related field (to be completed by 31 July 2022)
- A valid English language test result (if required)
- Next application period
24 November 2021 – 5 January 2022
- See instructions for applying and all our admission requirements at:

<https://secclo.eu/admission/admission/>



Why SECCLO?

Industry demand for IT security professionals

Innovation and R&D focus in studies

International experience: 2 countries, 2 universities

Industry contacts already during studies

Competitive Erasmus Mundus scholarships

Why SECCLO?

“The staff is supportive, with everything you need help with, the student culture is outstanding. I am so glad that I made the decision to be part of this programme”

“I really felt welcomed in every possible way”

“Aalto curriculum was a right mix of practical and theoretical studies. I learned to get work done in smart ways, novel ways for finding solutions, the interactions with other international students broadened the horizons of learning and knowledge sharing.”

“Never had such perfect study guidance before. The study guidance is outstanding”







The world is becoming more digital.
Can you keep up with its security and privacy needs?

secclo.eu

secclo@aalto.fi

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youtube.com/SECCLOErasmusMundus