

# SECULO

## Master's Programme in Security and Cloud Computing

(Erasmus Mundus)

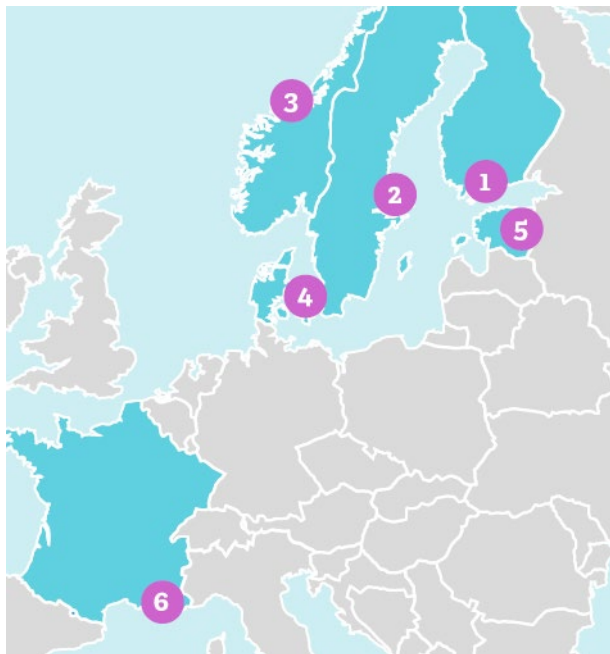
# What is SECCLO about?

- 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 (Associate Members)
- 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



umbraco



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INSTA

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guardtime



KONE

SINTEF

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MEMBER OF BASQUE RESEARCH  
& TECHNOLOGY ALLIANCE

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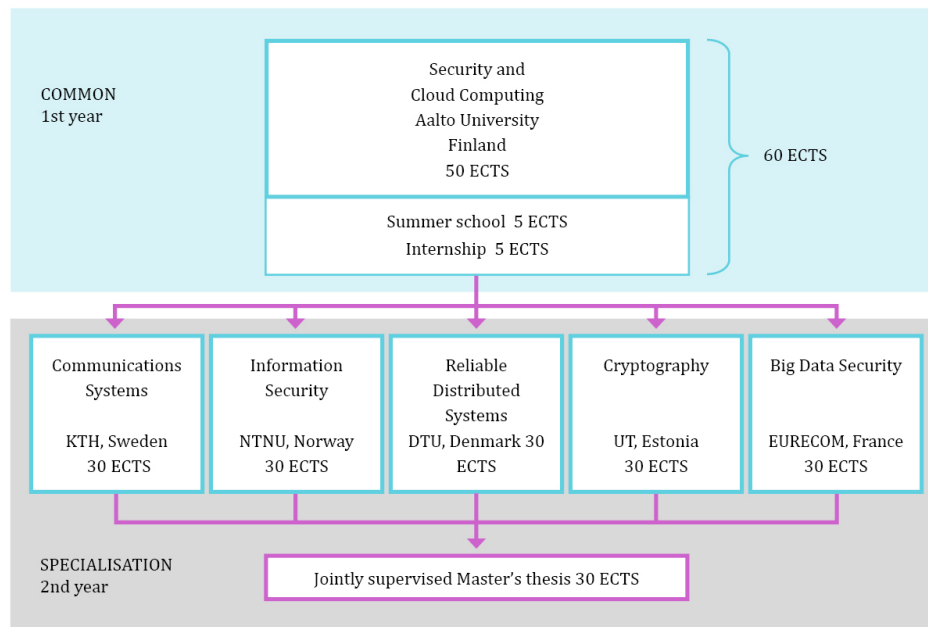
SECCLO



# 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 Security Consultant, Cyber Security Specialist, DevOps Engineer, Lead Software Engineer, Security Engineer, Experienced Developer, Infrastructure Engineer, Digital Identity Specialist, Security Consultant, Systems Software Engineer, Chief Technology Officer*
- Graduates are employed by ICT companies in Europe and elsewhere or continued for Phd studies in prestigious universities.

# Curriculum (120 ECTS)



# What you will learn in SECCLO

- 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 2023)
- A valid English language test result (if required)
- Next application period  
**23 November 2022 – 4 January 2023**
- See instructions for applying and all our admission requirements at:

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



# Admission webinars

- SECCLO will organize two admission webinars in Zoom in November 2022. The webinars will cover basic information on SECCLO and all information required for applying for the 2023 student intake. Register yourself here:

<https://www.secclo.eu/admission/admission-webinars/>

- **SECCLO Admissions Webinar I**  
Tuesday 15 November 2022 at 4-5pm (GMT +2)
- **SECCLO Admissions Webinar II**  
Tuesday 22 November 2022 4-5pm (GMT +2)

# 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](https://secclo.eu)

[secclo@aalto.fi](mailto:secclo@aalto.fi)

[facebook.com/secclo](https://facebook.com/secclo)

[instagram.com/seccloerasmusmundus](https://instagram.com/seccloerasmusmundus)

[youtube.com/SECCLOErasmusMundus](https://youtube.com/SECCLOErasmusMundus)