Agenda

- Introduction to the 4TU.CybSec degree course
- Presentation of the various courses

Break

- Presentation of the various courses (continued)
- Questions & Answers

Characteristics of the program

- Risk management
- Technology (2/3) in context (1/3)
- 2 year full time program, start 2x per year
- Tele-lecturing + some travel
- Core courses
- Introductory and advanced electives
- Final year project
- Capstone cyber security
- Certificate
- Agreed Individual Study Plan (ISP)

Course portfolio

Core courses

1. CDA: Cyber Data Analytics
2. CRM: Cyber Risk Mgmnt.
3. Crp: Security and Crypto.
4. NeS/InS: Network security
5. SoS/PAS: Software Security

Electives

6. ANS: Adv. Netw. Sec
7. ASA: Applied Sec. Analysis
8. BCE/BCT: Block chain
9. Bio: Biometrics
10. Cap: Capstone cyber sec.
11. CCS: Cyber Crime Science
11. CoE: Computer Ethics
12. CSM: Cyber Security Mgmnt.
13. DiF: Digital Forensics
14. Ela: E-Law
15. EoS: Economics of Security
16. PET: Privacy Enh. Tech.
17. Q101: Fund. quant. inf.
18. Q201: Quant. Comm&crypto.
19. SDM: Secure Data Mgmnt.
20. SeV: Security Verification
21. SSH: IoT Security
22. STR: SW test. & Rev. Eng.
23. SyS: System Security

Focus

- Network : Ins/NeS, ANS, SSH
- Software : SoS/PAS, SeV, STR
- Data : Bio, Crp, CDA, PET, Q101, Q201, SDM
- System : ASA, BCE/BCT, DiF, SyS

Advisory board

The ideal graduate:

- is an über technologist

- speaks a second language

- is able to translate strategic questions into technical questions and vice versa

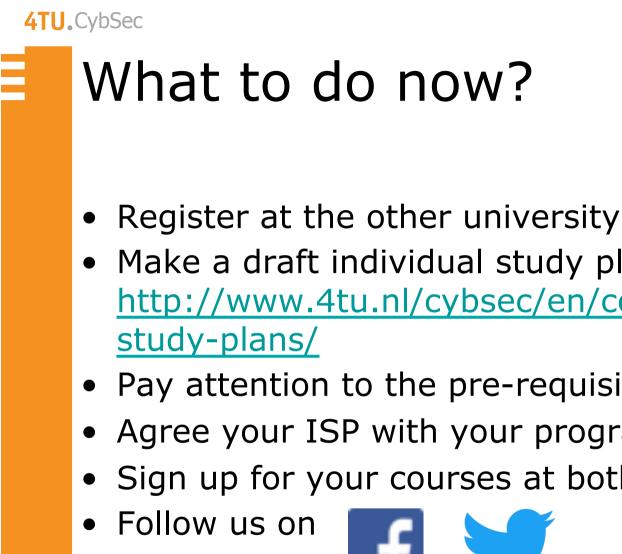- enjoys solving technical problems and is capable of abstract thought.

Alumni work as

- Computer and network security specialist
- Chief Technical Officer
- Developer
- Digital expert police
- Entrepreneur
- Ethical hacker
- Information security advisor
- Lead engineer
- Lecturer
- Management consultant

- PhD student
- Privacy advisor
- Researcher
- Security & privacy consultant
- Security analyst
- Security consultant
- Senior analyst and test consultant
- System Architect
- Software engineer
- Technical consultant

Practical information

- Lectures and exams at your own University
- Labs may require travel
- You must be enrolled at both Universities
- Not all lectures are recorded
- Not all vacations are synchronised

- FAQ: https://www.4tu.nl/cybsec/en/faq/

What to do now?

- Register at the other university
- Make a draft individual study plan (ISP), see http://www.4tu.nl/cybsec/en/course-program/study-plans/
- Pay attention to the pre-requisites
- Agree your ISP with your program mentor
- Sign up for your courses at both universities
- Follow us on