**MSc Cyber Security Specialization**

**SPECTRO EIT Digital Cyber Security Track**

**(UT ENTRY YEAR)**

Individual Study Plan (2024 – 2025)

ISP Version + Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
*UT is the entry node!* Exit node: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mandatory subjects:**

**Code Course name Quarter ECTS**

202300044 CRM: Cyber Risk Management Q1 5

202300045 Crp: Security and Cryptography Q1 5

201600051 SoS: Software Security Q2 5

201700074 InS: Internet Security Q3 5

201700086 SyS: System Security Q4 5

202100178 [I&E] Basics: Innovation Management for EIT Q1 5

201700119 [I&E] Business Development Lab I Q2 5

191612680 [I&E] Computer Ethics Q2 5

201700120 [I&E] Business Development Lab II Q3 5

202400627 [I&E] for Venture Creation (external) Jul/Aug 4

**Choose (at least) three of the following elective subjects:**

**Code Course name Quarter ECTS**

192140122 SyV: System Validation Q1 5

201500040 Bio: Introduction to Biometrics Q1 5

201600070 MaL: Basic Machine Learning Q1 5

201700019 [I&E] Brand Management Q1 5

201400177 ClN: Cloud Networking Q2 5

202300046 PET: Privacy-Enhancing Technologies Bootcamp *\*recommended\** Q2 5

201500008 [I&E] Empirical Methods for Designers Q2 5

201700079 BCT: Blockchain & Distr. Ledger Tech.Q3 5

192620010 MWN: Mobile and Wireless Networking I Q3 5

202001472 STAR: Software Testing and Risk Assessment Q3 5

201800205 [I&E] Smart Industry Q3 5

202300047 CDA: Cyber Data Analytics Q4 5

192130112 DiS: Distributed Systems Q4 5

202001579 IMs: Internet Measurements Q4 5

202400121 AVR: Automated Vulnerability Research and Mitigation Q4 5

201500038 ELa: E-Law Q4 5

201700083 SSI: Security Services for the Internet of Things Q4 5

192340041 SM: Software Management Q4 5

202000028 SIS: Smart Industry Systems Q4 5

202300336 XAI: Explainable AI Q4 5

201500039 SeV: Security Verification *[check w/ teacher, SyV req.]* individual 5

201800230 [I&E] Advanced Project in Impact, Innovation & Entrepreneurship individual 5

**Other courses:**

**Code Course name Quarter ECTS**

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**Sum of ECTS (must be ≥ 60):** \_\_\_\_

Signature: Dr. Florian Hahn Signature student:

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