**MSc COMPUTER SCIENCE (CSC)**

**Specialization: Cyber Security**

Programme mentor: prof.dr. P.H. Hartel Date registration BOZ:   
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***academic year*** ***2015-2016***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year enrollment MSc CS:

Name : Student number:

Telephone :

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Credits \*

***Homologation courses*** *(e.g. course on Algebra)*

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***At least 20 EC of the following Core courses: \*)***

201100221 CCS: Cyber-crime Science …

201500037 CDA: Cyber Data Analytics (TUD) …

201500026 CRM: Cyberrisk Management (TUD) …

201500027 Crp: Security and Cryptography (TUD) …

192654000 NeS: Network security …

201500032 SoS: Software Security and Hacking (TUD) …\_\_\_\_\_\_

20  
 201500029 IwK: Integration week 1.5\_\_\_\_\_   
 21.5 ***Advanced courses: \*)***

201500033 ASA: Applied Security Analysis “Hacking Lab” (TUD) …

201500040 Bio: Biometrics ...

201500041 CSM: Cyber Security Management …

201500038 Ela: E-Law (TUD) …

201500028 EoS: Economics of Security (TUD) …

201500077 ES4: Embedded System and SCADA Security and Survivability (start 2016-2017) …

201500035 PDP: Principles of Data Protection (TUD) …

201500042 PET: Privacy Enhancing Technology …

201500030 Q101: Fundamentals of quantum Information (TUD) …

201500034 Q201: Quantum Communication and Cryptography (TUD) …

192110940 SDM: Secure data management …

201500036 STR: Software Testing and Reverse Engineering (TUD) …

201500039 SeV: Security Verification (start 2016-2017) …\_\_\_\_\_

…   
   
**\*)** Special requirement imposed: For every two technical cyber security courses, a student must select one socio-technical cyber security course (CCS, CRM, CSM, ECS/CoE, Ela, EoS).

***Optional Traineeship*** 192199968 Traineeship 20\_\_\_\_\_

…

***Graduation***

192199508 ReT: Research topics 10

191612680 CoE: Computer Ethics 5 ... 5

192199978 FYP: Final project 30 \_\_\_\_

45

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Total at least 120 credits …

Further comment:

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Signature prof.dr. P.H. Hartel: Signature student:

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:

\* Credits/ECTS: European Credit Transfer System. One year of study is 60 credits.