Tracks for TCSCM/H17

Courses offered during 2018

Version: September 2, 2019

Artificial Intelligence
Internet Protocols
Security
Advanced Algorithms
CS Methods

Track Courses
(minimum 30 credits)

Elective Courses

Thesis
(30 credits)

Autumn 2017 Spring 2018 Autumn 2018 Spring 2019

ProsamM
Choose One

DD2421 (7.5)  
Machine Learning

DD2424 (7.5)  
Deep Learning in Data Science

DT2119 (7.5)  
Speech and Speaker Recognition

DD2425 (9.0)  
Robotics and Autonomous Systems

DT2112 (7.5)  
Speech technology

DTxxx (7.5)  
Project in Cognitive Systems

DD2423 (7.5)  
Image Analysis and Computer Vision

Figure 1: CSCS — Cognitive Systems
Figure 2: CSDA — Data Science

Figure 3: CSID — Interaction Design
Figure 4: CSSC — Scientific Computing
Figure 5: CSST — Software Technology
Choose at least 7.5 credits

DD2448 (7.5) Foundations of Cryptography

DD2457 (6.0) Program Semantics and Analysis

DD2459 (7.5) Software Reliability

DD2460 (7.5) Software Safety and Security

DD2372 (6.0) Automata and Languages

DD2443 (7.5) Parallel and Distributed Computing

DD2442 (7.5) Seminars on Theoretical Computer Science

DD2445 (7.5) Complexity Theory

DD2467 (7.5) Individual Project in Theoretical Computer Science

DD2452 (7.5) Formal Methods

DD2372 (6.0) Automata and Languages

DD2442 (7.5) Seminars on Theoretical Computer Science

DD2445 (7.5) Complexity Theory

DD2443 (7.5) Parallel and Distributed Computing

DD2452 (7.5) Formal Methods

DD2459 (7.5) Software Reliability

DD2460 (7.5) Software Safety and Security

DD2457 (6.0) Program Semantics and Analysis

DD2448 (7.5) Foundations of Cryptography

SD2xxx (7.5) Selected Advanced Mathematics Course

Figure 6: CSTC — Theoretical Computer Science
Choose at least 18.0 credits

DH2320 (6.0) Introduction to Visualization and Computer Graphics

DH2321 (6.0) Information Visualization

DH2323 (6.0) Computer Graphics and Interaction

DD2257 (7.5) Visualization

DD2413 (9.0) Advanced Graphics and Interaction

DD2470 (6.0) Advanced Topics in Visualization and Computer Graphics

DD2650 (6.0) Computer Game Design

Figure 7: CSVG — Visualization and Interactive Graphics