

Wireless and Sensor Systems for Creative Technology

(May 2012)

"Profileringsruimte" bachelor CT (30 EC):

| | | | |
|--|-----------|--------------------------------------|---------|
| | 192131102 | Computer Organisation (1A) | 5 EC |
| | 192110542 | Computer Systems (1B) | 5 EC |
| | 192110452 | Operating Systems (1B) | 5 EC |
| | | Elective 1 (mandatory) | 5 EC |
| | | Elective 2 (elective) | 5 EC |
| | | Project (5 EC when elective 1 and 2) | 5/10 EC |

OR:

Basic homologation courses for bachelor CT (15 EC):

| | | | |
|--|-----------|----------------------------|------|
| | 192131102 | Computer Organisation (1A) | 5 EC |
| | 192110542 | Computer Systems (1B) | 5 EC |
| | 192110452 | Operating Systems (1B) | 5 EC |

Basic courses (20 EC):

| | | | |
|--|-----------|---------------------------------------|------|
| | 201000075 | Wireless Sensor Networks (1A) | 5 EC |
| | 191211590 | SoC for ES (1A) | 5 EC |
| | 192620010 | Mobile and Wireless Networking I (2A) | 5 EC |
| | 192111301 | Ubiquitous Computing (2A) | 5 EC |
| | 192166500 | Computer Ethics (2B) | 5 EC |

Basic elective courses (15 EC):

| | | | |
|--|-----------|---|-------|
| | 192130112 | Distributed Systems (1B) | 5 EC |
| | 191211030 | Mobile Radio Communication (2B) | 5 EC |
| | 192620300 | Performance Evaluation I (1B) | 5 EC |
| | 192620020 | Mobile and Wireless Networking II (2B) | 5 EC |
| | 191210590 | Embedded Signal Processing (2A) | 5 EC |
| | 192110880 | Sensor Data Management (1A) | 5 EC |
| | 191211650 | MDDP (2B) | 10 EC |
| | 201100072 | Introduction to Information Security (1B) | 5 EC |

Elective courses (with pre-master: 45 EC; with homologation: 30 EC):

| | | | |
|--|-----------|--------------------|----|
| | 191211208 | Internship (20 EC) | EC |
| | | Elective 1 | EC |
| | | Elective 2 | EC |
| | | Elective 3 | EC |
| | | Elective 4 | EC |

Graduation (40 EC):

| | | | |
|--|-----------|--------------------|-------|
| | 191211749 | Individual Project | 10 EC |
| | 192199978 | Final Project | 30 EC |

If the Create student decides to use the "profileringsruimte" (PR) in the bachelor CT programme as a pre-master for Wise, no homologation in the master programme is needed. This gives room for extra elective courses in Wise. The PR consists of three mandatory courses, one or two elective courses and a project in one of the in Wise participating groups. If the student chooses only one elective course, the project is 10 EC, else 5 EC.

All prospective students should contact the Wise programme mentor Hans Scholten (hans.scholten@utwente.nl)