

## FACULTY OF INFORMATION TECHNOLOGY, MATHEMATICS AND ELECTRICAL ENGINEERING

### MSC-PROGRAMME IN TELEMATICS - COMMUNICATION NETWORKS AND NETWORKED SERVICES (MSTCNNS)

Term 1, 2, 3 and 4

| Ex | Subject no. | Subject title                  | Note | Cr   | Specialization |   |   |
|----|-------------|--------------------------------|------|------|----------------|---|---|
|    |             |                                |      |      | 1              | 2 | 3 |
|    |             | <b>Compulsory courses</b>      |      |      |                |   |   |
| 1h | TTM4105     | ACCESS TRANS NETW              |      | 7,5  | o              | o | o |
| 1h | TTM4110     | DEP AND PER WITH SIM           |      | 7,5  | o              | o | o |
| 1h | TTM4150     | INTERNET NETW ARCH             |      | 7,5  | o              | o | o |
| 1v | -           | EXP IN TEAM INT PROJ           |      | 7,5  | o              | o | o |
| 1v | TTM4115     | ENG DIST REAL SYS              |      | 7,5  | o              | o | o |
| 1v | TTM4135     | INFORMATION SEC                |      | 7,5  | o              | o | o |
|    |             | <b>Optional courses</b>        | 1    |      |                |   |   |
| 1h | TDT4235     | SOFTWARE QUALITY               |      | 7,5  | v              | v | v |
| 1h | TDT4237     | SOFTWARE SECURITY              |      | 7,5  | v              | v | v |
| 1v | TTM4120     | DEPENDABLE SYSTEMS             |      | 7,5  | v              | v | v |
| 1v | TTM4128     | NETW AND SERV MAN              |      | 7,5  | v              | v | v |
| 1v | TTM4130     | SERV INT AND MOB               |      | 7,5  | v              | v | v |
|    |             | <b>Specialization courses</b>  |      |      |                |   |   |
| 2h | TTM4516     | NETWORKS/QUALITY SC            |      | 7,5  | o              | - | - |
| 2h | TTM4526     | SERV AND SYST ENG SC           |      | 7,5  | -              | o | - |
| 2h | TTM4536     | INFO SECURITY SC               |      | 7,5  | -              | - | o |
|    |             | <b>Specialization projects</b> |      |      |                |   |   |
| 2h | TTM4511     | NETWORKS/QUALITY SP            |      | 15,0 | o              | - | - |
| 2h | TTM4521     | SERV AND SYST ENG SP           |      | 15,0 | -              | o | - |
| 2h | TTM4531     | INFO SECURITY SP               |      | 15,0 | -              | - | o |
| 2h | TTM4137     | WIRELESS SECURITY              |      | 7,5  | -              | - | o |
| 2h | TTM4155     | TELETRAFFIC THEORY             |      | 7,5  | o              | - | - |
| 2h | TTM4160     | SOFTWARE DESIGN                |      | 7,5  | -              | o | - |
|    |             | <b>Master Thesis</b>           |      |      |                |   |   |
| 2v | TTM4905     | NETWORKS/SERVICES              |      | 30,0 | o              | o | o |

o = compulsory courses

v = optional courses

Ex 1h = Term 1, Exam Autumn

Ex 1v = Term 2, Exam Spring

Ex 2h = Term 3, Exam Autumn

Ex 2v = Term 4, Master Thesis Spring

1) Select one of the courses.

Specialization:

1 Networks and Quality of Service

2 Services and Systems Engineering

3 Information Security