

## FACULTY OF ENGINEERING SCIENCE AND TECHNOLOGY

### MSC-PROGRAMME IN GEOTECHNICS AND GEOHAZARDS (MSGEOTECH)

Term 1, 2, 3 and 4

| Ex | Subject no. | Subject title             | Note | Cr   |
|----|-------------|---------------------------|------|------|
|    |             | <b>Compulsory courses</b> |      |      |
| 1h | TBA4110     | GEOTECH FIELD/LAB IN      |      | 7,5  |
| 1h | TBA4231     | APPLIED GEOMATICS         |      | 7,5  |
| 1h | TBA5100     | THEORETICAL SOIL MEC      |      | 7,5  |
| 1h | TBA5150     | GEOHAZARDS/RISK AN        |      | 7,5  |
| 1v | -           | EXP IN TEAM INT PROJ      |      | 7,5  |
| 1v | TBA4335     | HIGHW PLAN/PAVE TECH      | 1    | 7,5  |
| 1v | TBA5155     | FOUNDATIONS/SLOPES        |      | 7,5  |
| 1v | TGB5110     | GEOLOGY TUNNELL BC        |      | 7,5  |
| 1v | TKT4201     | STRUCTURAL DYNAMICS       | 1    | 7,5  |
| 2h | TBA4116     | GEOTECH ENG AC            |      | 7,5  |
| 2h | TBA4510     | GEOTECH ENG SP            | 2    | 7,5  |
| 2h | TGB5100     | ROCK ENGINEERING AC       |      | 7,5  |
| 2h | -           | ELECTIVE COURSE           | 3    | 7,5  |
|    |             | <b>Master Thesis</b>      |      |      |
| 2v | TBA4900     | GEOTECH ENGINEERING       |      | 30,0 |

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) One of the courses TBA4335 and TKT4201 must be chosen.
- 2) The primary choice is the combination TBA4510 (7,5 cr) together with an elective course (7,5 cr). In some case, when an appropriate elective course is hard to find, the combination may be exchanged with the 15 cr course TBA4511 Geotechnical Engineering, Specialization Project. This must be done in agreement with the project supervisor.
- 3) A technical or project-related course must be chosen.