### Matrix of options join-in minors 2nd semester 2017-2018

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<th>Module code</th>
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### Information

**Note:** Use the minor code to register, use the module code to request more information in Osiris on the relevant module.

- **Minors**
  - Traffic and Transport
  - Business intelligence and IT
  - Urban Development/Spatial Planning
  - Imaging technologies
  - Data: From the source to the senses
  - Financing entrepreneurial startups and innovative firms
  - Brain physiology and Mechanical science
  - Process design
  - Design of constructions
  - Policy-making and Planning
  - Street-level governance
  - Technology and society
  - From product design to online business
  - Admissions requirements from offering programme

**Admission requirements from offering programme**

1. Math A level and have affinity for technical sciences.
2. The student must have followed UT mathematics A2 and Mechanics (module 1 Civil Engineering or similar).
3. The student must be acquainted with statistics and probability theory, and preferably have affinity for technical sciences.
4. Only accessible to students who passed UT mathematics D2.
5. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
6. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
7. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
8. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
9. Only accessible to students who have followed the UT mathematics track (first year) and did not follow the course Electricity and Magnetism (Applied Physics) or anything similar.
10. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
11. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
12. The student must have followed UT mathematics B1, B2 and Mechanics (module 1 Civil Engineering or similar).
13. Only accessible to students with prior knowledge about technical sciences and sufficient mathematical insight. Also, prior knowledge about materials engineering is required.
14. The student must have taken a limited literature review, must have knowledge of quality research designs, interview techniques, qualitative data analysis and must be able to work with the program A, A6 &.
16. Only accessible to students with prior knowledge about technical sciences and sufficient mathematical insight.
17. Only suitable for students with prior knowledge about technical sciences and sufficient mathematical insight. Also, prior knowledge about materials engineering is required.
18. Network systems is only accessible to students who have not followed the module Network Systems (M7). Material Science & Technology is only accessible to students who have not followed the module Device Physics (M6).
19. Math A students who did not choose one of these modules as an elective yet, can choose 1 of these 2 modules as a minor.

**Note:** There is a maximum of 120 credits for the whole module. The credit points are divided as follows:

- **ECTS**: 60
- **Final Grade**:
  - 60-70: 20 credits
  - 71-80: 30 credits
  - 81-90: 40 credits
  - 91-100: 50 credits

**Legend:**

- **Course:** Required courses are marked with an asterisk (*).
- **Note:** Possibly this module contains mathematics that you have already had in your regular program, for this you will probably have to do a replacement part. Please contact your study advisor about this.
- **Unlimited number of places available.**