

MSc REM Fact Sheet, 2019 version

Elective Modules

As of 2019, the REM program is divided into a compulsory section and a choice of elective subjects. This FAQ reviews the elective modules.

When do the elective modules take place?

- The elective courses start immediately after the end of the compulsory section, in the middle of the second semester, and run until the end of the third semester. Some weekly modules may already start at the beginning of the second semester.

What is the module structure?

- In the elective section of the program there are both: block modules of three weeks and weekly courses that span an entire semester. Typically, the courses at the Faculty of Environment and Natural Resources are block courses, and those offered by the Faculty of Engineering are weekly courses. Moreover, for some courses 5 ECTS are awarded, while others range from 3-9 ECTS.
- It is your responsibility to choose courses that fit your schedule and that you earn sufficient credit points in the different sub-sections (cf. below).

How is the elective part of the REM program structured?

- The elective section of the REM program (35 ECTS in total), is divided into three sub-sections, and a sufficient number of credits must be earned for each.
 - 1) The specialisation track (Energy Systems Technology or Environmental Mgt. and Planning) with *at least 15 ECTS*.
 - 2) The cross-cutting topic Energy Conversion with *at least 10 ECTS*.
 - 3) The optional courses of free choice* with *maximum 10 ECTS*.
- The courses for parts 1) and 2) are listed in the REM module handbook.

* Students can take up to one elective module from the other specialisation track they are not part of. Language courses are not allowed here.

Typical examples:

- Student A takes four 6-ECTS-courses from the Faculty of Engineering for her specialisation in Energy Systems Technology, one 5, and one 6 ECTS course for Energy Conversion, and thus earns 35 ECTS in total.
- Student B takes four 5-ECTS courses from the Faculty of Environment for his specialisation in Env. Mgt. and Planning, one 5, and one 6 ECTS course for Energy Conversion, and one 6-ECTS course from the Energy Systems Technology track and thus earns 37 ECTS in total.
- Student C takes three 5-ECTS courses from the Faculty of Environment for her specialisation in Env. Mgt. and Planning, one 5, and one 6 ECTS course for Energy Conversion, one 6-ECTS course from the Energy Systems Technology track, and one 5-ECTS course from the Master of Biology/Psychology/Business administration etc. and thus earns 37 ECTS in total.

How many ECTS credits are in the elective section?

- There are 35 ECTS credits in the elective section.
- Combined with the 45 ECTS credits in the compulsory section, 10 credits from the internship, and 30 credits from the thesis, the REM programme includes 120 ECTS credits.

What happens if I fail an elective module?

- Same procedure as with the compulsory modules, cf. other fact sheet.

Do the elective modules have pre-requisite requirements?

Do I have to complete the elective modules in order?

- To allow for teaching of more demanding and specialised content, professors can announce access restrictions to elective courses. For example, a hypothetical course "Smart Grids 2" may require successful completion of "Smart Grids 1".
- Apart from that there is no constraint regarding the access requirements and order of the elective courses.