

CTS/KSL: Major Modules, courses and exams

1. Course selection and registration

Usually, the study coordination will inform you as soon as course registration is available for the upcoming semester. The documents “Course Structure” and “General Course Forecast” (on the BME web page under “Studies” – “Curriculum”) are helpful for course selection.

Course registration

- Registration in CTS/KSL is required for all courses organized by the BME study coordination.
- **Important! Take care that the courses in your planning view belong to the current semester** – otherwise you cannot register for this course or exam. Select the option “Reschedule in a different semester” (“Erneute Planung in einem anderen Semester”).

Please note: Some of our elective courses are organized by other institutions/faculties. This is why the conditions for course and exam registrations may be different. The following courses are concerned:

- Biomedical Laser Applications
- Computer Graphics (course registration in Ilias, link in the CTS/KSL course description)
- Lecture Series on Advanced Microscopy
- Machine Learning (course registration in Ilias, link in the CTS/KSL course description)

Course and exam registrations for the courses

- Computer Vision
- Advanced Topics in Machine Learning
- Applied Optimization

have to be done on the Academia website (<https://mcs.unibnf.ch/organization/registration-for-teaching-units/>), not in KSL/CTS. Please observe the procedure described for “Hosted JMCS Students – Request for Academia Access”.

2. Major Modules

Inform the study coordination office by email (bme@artorg.unibe.ch) on the choice of your Major Module. In CTS/KSL, select your Major Module by crediting all required mandatory or elective courses to your Major Module in the planning view. Three modules are available within each Major Module:

- Mandatory courses: all of them must be completed.
- Elective courses (recommended): elective courses that are recommended by the responsible lecturer of the Major Module.
- Elective courses: this module contains all general elective courses as well as mandatory and recommended elective courses from other major modules. These courses can be credited to your studies, but overlaps in the timetable may occur.

In principle, students are free to change their Major Module at any time. If you want to do so, please inform the study coordination office and credit all courses to your new Major Module.

3. Exam registration

Exam registration is strictly required for most courses. Exceptions are

- Image-Guided Therapy Project
- Introduction to Digital Logic
- Medical Image Analysis Lab
- Orthopaedic Surgery – Practical Course
- Programming of Microcontrollers
- Scientific Writing
- Short Introduction to MATLAB
- Tissue Biomechanics Lab
- Tissue Engineering - Practical Course