

EPFL Systems Engineering Minor – Academic Year 2024/25

Welcome to Systems Engineering! **Two items** will need to be approved for this minor:

- your **registration form** (it needs to *always* contain your current curriculum),
- and an **optional 8-credit project** in Systems Engineering (on a case-by-case basis).

Below you find instructions for how to go about getting approval from the director of the minor.

How to get your **registration form** approved

1. Fill in your registration form; make sure the total credits are at least 30 (=requirement); if the current registration form is meant to update an earlier registration form, show which courses you add and which courses you take out.
2. Make sure that each course on the form is necessary to reach the minimum of 30 credits (we do not want “pick and choose” to be part of the curriculum).
3. For courses not in the [study plan](#) for the Systems Engineering Minor, mark the course with an “*” at the end, and add a pdf file of the course book and/or syllabus. These courses may or may not be approved.
Under no circumstances will more than 12 credits outside the official Systems Engineering study plan be approved. *Courses off the Systems Engineering study plan which feature an enrollment cap cannot be considered for the Systems Engineering study plan. An approval of this minor registration form does not convey any right to register for such courses.*
4. Sign and date your registration form. Convert it to **pdf-format**.
5. Send the registration form (together with any accompanying **pdf-files** of course books and syllabi) via email to the director of the EPFL Systems Engineering Minor at thomas.weber@epfl.ch.
6. Wait for confirmation of approval; if approval has not been given, restart at step 1.

How to get an **optional 8-credit project** in Systems Engineering approved

- a. Find a suitable project and an EPFL advisor (= EPFL professor) willing to supervise you. That advisor will fix the relevant requirements/deadlines and grade your project.
- b. Send a 2-paragraph summary of the project to the director of the EPFL Systems Engineering Minor at thomas.weber@epfl.ch. The *first paragraph* should describe what the project is about, and the *second paragraph* should justify why this project is about Systems Engineering (i.e., what is the “system” with “input” and “output”? What is the quantifiable “performance” of the system? And, how is system performance being improved/optimized using “design,” “control,” or “engineering”?). Please also include the name and email address of your prospective EPFL advisor for this project.
- c. Wait for confirmation of approval; if approval has not been given, either revise the summary in step b., or restart at step a. If approval is given, an email to that effect will be sent to you—with ccto your project advisor.