

# COBRA REPORT

**Study programme:** Master in de ingenieurswetenschappen: Elektrotechniek; Master of Electrical Engineering; **Vorbereidingsprogramma:** Master in de ingenieurswetenschappen: elektrotechniek

**Drawn up on:** May, 2023.

Since 2010 the Faculty of Engineering Science acknowledged the opportunities and benefits of a transnational accreditation and sought contact with CTI. CTI or "Commission des titres d'ingénieur" (CTI) is a French accreditation organization and is equally composed of representatives of employers and professional engineers and academia. CTI is also a member of ENQA (European Network for Quality Assurance) and EQAR (European Quality Assurance Register). Furthermore CTI is authorised by ENAEE (European Network for Accreditation of the Engineering Education) to award the EUR-ACE label.

Therefore the Faculty based its Quality Assurance on the accreditation process of the "Commission des titres d'ingénieur" (CTI) and the achievement of the EURACE label.

At institutional level, the KU Leuven uses the [COBRA method](#) to work on the quality of its study programmes. In this report the programme committee reports every four years on the quality of its programme(s) and describes the identified strength(s) and planned action(s) of its programme(s). **Master in de ingenieurswetenschappen: Elektrotechniek; Master of Electrical Engineering; Vorbereidingsprogramma: Master in de ingenieurswetenschappen: elektrotechniek.**

## Strengths of the study programme(s)

[Indicate the strengths of the study programme(s) that were discussed during the past four-year COBRA cycle (2022-2023). Please note that this report needs to be comprehensible for external readers and that enough context has to be given. (Max. half a page).]

- **Infrastructure for students:** The eFab facilities are being expanded to assist students with their own projects
- **Clear link to research:** The link between research and education remains strong. This is very visible in the large number of interesting and relevant master thesis topics offered each year to the students.
- **Strong programme:** Students following the program acquire a lot of knowledge and skills.

## Planned actions

[Indicate the challenge(s) and the planned actions the programme committee has formulated after the past COBRA cycle (2022-2023). Please note that this report must be comprehensible for external readers and that enough context has to be given. (Max. half a page).]

We plan the following actions.

- Students ask for more feedback on projects, and this in a timely manner. We will develop evaluation templates and guidelines for lecturers to assist them in this task. We will also streamline communication about the feedback possibilities that students already have and examine if there are shortcomings in the existing feedback channels.

This COBRA report is a result of the past four-year COBRA cycle (2022-2023). Each study programme that participated in the COBRA cycle has drawn up this document, which specifies the strengths and planned actions of the study programme. These strengths and actions result from the dialogue between the programme and its stakeholders (primary actors, alumni, professional field and international experts from the discipline). This report aims to give a comprehensive indication of the study programme's realised quality. The COBRA report will be made available in the programme guide, so it will be accessible to the public.





- Many international students suffer a delay of one semester to complete our master program. We will set up a working group to analyze the issues at play and to propose actions to remedy this situation.
- A survey on the study load in the first semester has been completed. We will study the results and decide if actions are required.

More information on CTI:

- <https://www.cti-commission.fr/en/>
- Remaud, B, Berbers Y, Jolly, AM, Nolland, J (2017), Accreditation of Flemish Civil Engineers programmes (2016): an experience of cross-border Quality Assurance, Proceedings of the SEFI Annual Conference 2017.
- Sánchez, T. (2015), ESG 2015, part 1: [https://www.cti-commission.fr/wp-content/uploads/2017/04/colloque\\_cti\\_esg201508.pdf](https://www.cti-commission.fr/wp-content/uploads/2017/04/colloque_cti_esg201508.pdf).