

## Engineering Curricula (24-18 or 6-12 months)

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# CURRICULUM REGULATIONS

2016-2017

# 1 PROGRAM

The Engineering program is an academic program that includes lectures, small classes, projects, and an internship, over a 24, 18, 12, or 6-month period.

For the 24-month and 18-month curricula, students choose one of the five tracks (see Tables 2.1 to 2.3). Students in 12-month curricula following two semesters of taught courses will also have the possibility of following a track. Those students who follow a 6-month curriculum are free to choose any of the courses in the catalogue, taking into account the scheduling constraints.

Academic program (courses, projects):

## **24-month curriculum**

One fall semester (beginning of October - end of February), one spring semester (beginning of March - end of June), and another fall semester (year N+1)

The internship is carried out over a 6-month period.

The internship lasts at least 24 weeks between March and September (excluding holidays). It is performed in a R&D laboratory, within a company, or in a university laboratory.

The language of instruction is English.

A number of ECTS credits is granted for each type of course (foreign languages, general, technical), for projects, and for the internship.

## **18-month curriculum**

One fall semester (beginning of October - end of February), one spring semester (beginning of March - end of June), or one spring semester (beginning of March - end of June) and one fall semester (beginning of October - end of February).

The internship is carried out over a 6-month period.

The internship lasts at least 24 weeks between July and December or between March and September (excluding holidays). It is performed in a R&D laboratory, within a company, or in a university laboratory.

The language of instruction is English.

A number of ECTS credits is granted for each type of course (foreign languages, general, technical), for projects, and for the internship.

## **12-month curriculum (two semesters of taught courses or one semester of taught courses and a one-semester internship)**

The 12-month curriculum can begin either in the fall or in the spring semester.

For those students who have chosen a semester of taught courses followed by a one-semester internship, the internship will be performed from July to December (if they begin in the spring semester) or for March to August (if they begin in the fall semester).

The internship is carried out over a 6-month period.

The internship lasts at least 24 weeks between July and December or between March and September (excluding holidays). It is performed in a R&D laboratory, within a company, or in a university laboratory.

The language of instruction is English.

A number of ECTS credits is granted for each type of course (foreign languages, general, technical), for projects, and for the internship.

## **6-month curriculum**

The 6-month curriculum can begin either in the fall or in the spring semester.

Students are free to choose any of the courses in the catalogue, taking into account the course scheduling constraints.

## 2 CREDIT ACQUISITION

Each type of course is assigned a given number of ECTS credits.

COURSE	DURATION	CREDITS
Short course (technical or general)	21 hours	3 ECTS credits
Long course (technical or general)	42 hours	5 ECTS credits
Project (24-month curriculum)	210 hours	12 ECTS credits
Project (18-month curriculum)	180 hours	8 ECTS credits
Project (12-month curriculum)	90 hours	4 ECTS credits
Foreign languages	22 hours	1 ECTS credit
Professional thesis (internship)	6 months	30 ECTS credits

### 2.1 Credit requirements for the 24-month curriculum

A total of **120 ECTS credits** are required for completion of the 24-month curriculum (90 taught courses credits and 30 professional thesis credits). The credit breakdown is as follows:

Semesters of taught courses	ECTS credits
Technical courses*	60
General courses	15
Project (210 hours)	12
Foreign languages	3
Professional thesis semester	
Internship	30

\*25 of these credits are required for the chosen track

### 2.2 Credit requirements for the 18-month curriculum

A total of **90 ECTS credits** are required for completion of the 18-month curriculum (60 taught courses credits and 30 professional thesis credits). The credit breakdown is as follows:

Semesters of taught courses	ECTS credits
Technical courses*	40
General courses	10
Project (180 hours)	8
Foreign languages	2
Professional thesis semester	
Internship	30

\*20 of these credits are required for the chosen track

### 2.3 Credit requirements for the 12-month curriculum

A total of **60 ECTS credits** are required for the 12 month curriculum (30 taught courses credits, 4 of which can be acquired by completing a project, and 30 credits for the professional thesis; or 60 taught courses credits, 8 of which can be acquired by completing a project, with the same acquisition standards as for the taught courses semesters in an 18-month curriculum). The credit breakdown is as follows:

Semesters of taught courses	ECTS credits
Technical courses	20
General courses	5
Project (90 hours)*	4
Foreign languages	1
Professional thesis semester	
Internship	30

\* The project is not mandatory. The project credits may be replaced by technical taught courses credits.

Or

Semesters of taught courses	ECTS credits
Technical courses	40
General courses	10
Project (180 hours) *	8
Foreign languages	2

\* The project is not mandatory. The project credits may be replaced by technical taught courses credits.

### 3 EXAMS

Only students enrolled in a course are entitled to take the exam.

#### 3.1 Terms

Courses are evaluated on the basis of written or oral exams scheduled at the end of each semester. At the beginning of each course, the faculty member in charge of that course will inform students about how it will be evaluated.

The exams (written or oral) are under the responsibility of the faculty members in charge of each course. Grades are given to the students within two weeks of the exam.

Projects are evaluated on the basis of a written report and an oral presentation, according to the following criteria:

Study of problematics (coefficient 2)

Results (coefficient 2)

Project management (coefficient 1)

Written report (coefficient 1)

Oral exam (coefficient 1)

For their projects to be accepted, students must obtain a final grade of at least 10/20 (and a minimum grade of 8 for each of the criteria).

Students must attend the exam sessions for the courses in which they are enrolled. Absences from exams that have not been justified in advance to the Student Affairs Manager with a medical certificate result in invalidation of the concerned credits with no possibility for a re-take examination.

Any inappropriate behavior during the exam sessions will result in the exam being annulled. Disciplinary action may be taken by the Teaching Committee.

Each exam and the project will be evaluated with a grade between 0 and 20.

The credits for each project or for the courses are granted when the grade is at least 10/20.

The internship defense is held before a jury made up of a faculty member and an expert outside of EURECOM, possibly the industrial thesis supervisor.

The internship is evaluated according to the five following criteria:

Study of problematics (coefficient 2)

Results (coefficient 2)

Project management (coefficient 1)

Written report (coefficient 1)

Oral exam (coefficient 1)

For their internship to be accepted, students must obtain a final grade of at least 10/20 (and a minimum grade of 8 for each of the criteria).

To obtain the 30 ECTS credits for the internship, the student must have a final grade of at least 10/20.

#### 3.2 Re-take examination sessions

Students who are absent from the first exam session without a justification will not be accepted for the re-take examination session for the course concerned.

A re-take examination session is offered for each course (technical and general courses) and for the project.

After the second examination, the student has not obtained at least 10/20, then the corresponding ECTS credits will not be granted.

Re-take examination sessions are held once a year during the first two weeks of September.

The second chance to obtain credits for semester projects depends on terms determined by the specific supervising faculty member.

Only one professional thesis defense is allowed.

## 4 FAILURE

### *4.1 Failure to fulfill the taught course requirements*

If a student has not obtained the required number of credits for the taught course after the re-take examination sessions, he or she can repeat part of, or the entire semester.

### *4.2 Failure to fulfill the professional thesis requirements*

If the professional thesis work is deemed insufficient, the Teaching Committee may request to have it completed according to the terms determined during the Committee meeting. The entire process may also be repeated, and in this case, the student must complete a new internship.

## 5 CONDITIONS FOR EXCLUSION

The Teaching Committee may decide to exclude a student under the following conditions:

- If the number of taught course credits obtained is less than required, the student may be instructed to return to his or her home school without having validated his or her EURECOM curriculum.
- Disciplinary reasons

## 6 VALIDATION OF RESULTS

A Teaching Committee validates examination, project and internship results every year in September in order to determine whether they can be awarded their diploma.

The intermediate results for students in the N+1 year are also considered at this meeting.

Date:

**Ulrich FINGER**  
Director  
EURECOM