EURECOM Engineering Degree

RULES AND REGULATIONS

2024-2025

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1 ORGANIZATION

1.1 Degrees

These Rules and Regulations apply to EURECOM's Engineering degree.

1.2 Teaching language

All courses are taught in English.

1.3 Recruitment

Students are recruited through a competitive examination (Mines-Télécom examination for entry into the first year) or on the basis of their qualifications to be admitted in the first year or in the second year, with or without an interview, after validation by the admission jury.

1.4 Registration

Students must register each year with Student Affairs. Registration is confirmed after payment of the year's tuition fees and validation of the CVEC.

1.5 Curriculum duration

The academic engineering program is usually covered in three years. However, for students admitted directly to the second year, the normal duration is reduced to two years. Students must spend a minimum of three academic semesters at EURECOM.
These periods may be extended if students:

- Repeat a year (one year maximum),
- Do a gap year (one year maximum),
- Interrupt voluntarily their studies (one year maximum),
- Do a study leave,
- Do a double degree.

1.5.1 Repeating a year

Only one school year can be repeated during the curriculum. This requires registration with Student Affairs. In case of repetition, the regulations of the year of repetition apply. Additional tuition fees are due.

1.5.2 Gap year

Between the second and third year, a gap year of up to one year may be granted to students, depending on their personal project. The request must be made in writing to Student Affairs.

The request is studied by the *gap year jury, composed of the Director of Studies, one member of Student Affairs and at least one professor,* for approval or rejection. The student's possible obligation to make up or to repeat a year will be taken into account.
If the petition is approved, the student will be enrolled in the school as any other student, and will be allowed to sign internship agreements in accordance with the May 18, 2018 2018-372 Decree. Under no circumstances can this internship replace the final-year internship or the introduction-to-business internship ("*stage de découverte du monde professionnel*").
A gap year agreement will be drawn and signed by the student and the school's representative.
Students whose request was denied may appeal to the School Director within one week of the decision.
Tuition fees are reduced during the gap year.

The terms of the gap period will be determined in accordance with the provisions of the *Code de l'éducation* in force on the date of the request. At the end of the gap year, students resume their initial study program and keep their previous credits. The regulations applicable the year students resume their studies are enforced.

1.5.3 Voluntary suspension of studies

Students may request to suspend their studies for a maximum of one year. The request must be made in writing to Student Affairs.
The petition may be motivated by a personal project, i.e. setting up a business or carrying out a civic/volunteer project. Students are notified of the decision in writing. Students remain registered, but are exempted from paying the tuition fees. The school can support their projects if they are deemed in line with the overall objectives of the curriculum. At the end of the year, students resume their course of study, and keep their credits as well as their requirements to catch up or repeat a year. The regulations applicable the year students resume their studies are enforced.

1.5.4 Study leave

The Director of Studies will review the situation of students who had to interrupt their studies for justified reasons of *force majeure* (illness, accident, maternity leave, etc.). They may decide to consider that the student is on "study leave" for all or part of the academic year. They may invite the student to re-register for the incomplete academic year. This new registration may be subject to the authorization of a medical doctor. Study leaves are different from repeating a year.
At the end of the leave, students resume their course of study and keep their credits and their requirements to catch up or repeat a year. The regulations applicable the year students resume their studies are enforced.

1.5.5 Double degree opportunities in France and abroad

With bilateral agreements, students can opt for a double degree, with one period at EURECOM and the other at the other institution. At the end of the training, and if successful, students graduate from EURECOM with an engineering degree and from the second institution, or receive a joint degree. The criteria to obtain double degrees are described in the bilateral agreements.

1.6 Teaching formats

Several formats can be used to teach courses: lectures or conferences, tutorials, practical work, tutored self-training, asynchronous tutored self-training, planned personal work (supervised projects), projects, visits, and internships. Students are informed of the number of hours devoted to each course. This is the supervised part, duly posted on the timetable. Students' personal work is not indicated, but it is built in the attribution of ECTS credits.

2 ACADEMIC PROGRAM

2.1 Semesters - ECTS credits - Teaching units

Each academic semester is made up of indivisible and compulsory Teaching Units representing a total of 60 ECTS credits per year. Each year is made up of two semesters of 30 ECTS credits each.

Courses are presented in the form of teaching units (UE in French) with components (ECUE in French). The names of the teaching units and components as well as the names of the relevant professors are clearly identified.
ECTS credits are awarded for each teaching unit, regardless of the type (technical or general courses, language courses, student life recognition, internships, projects, research awareness, job fairs...).

Each component has a coefficient used to calculate the weighted average within teaching units.

The list of teaching units and the corresponding ECTS credits are set for each semester of each academic year. The different tracks are organized equally so to build balanced and homogeneous curricula.
All of the teaching units of one year, their credits, and their validation terms are communicated to students at the beginning of the year.
Some teaching units are elective. Students must make their choice at the beginning of the semester. The procedure and the deadline are communicated to them at the beginning of the academic year. It is forbidden to choose two components that are taught in the same time slot.

The number of components to be chosen in each unit is communicated to students for each unit. A unit cannot be validated if a student chooses less than the required number of components. In this case, no ECTS credit can be obtained for said unit. Within a unit, students can choose more components than the required number, provided that the schedule allows them to follow all the selected components. Choosing more than the required number of components does not change the number of ECTS credits of the unit, and does not give the right to additional credits.
A component can only be chosen once during the curriculum, except when repeating the corresponding teaching unit.
A component can only be a component of one teaching unit.

2.1.1 First year: semesters 5 and 6

The first academic year is common to all engineering students.

2.1.2 Introduction-to-business internship (*stage de découverte du monde professionnel*)

Between semesters 6 and 7, students must complete an internship in a company for a minimum of four weeks. This is an opportunity for them to become familiar with the business environment.
The objective is to provide students with the following skills:

- To understand the working conditions of the personnel in charge of the execution tasks in a company
- To understand the importance of human relations in companies
- To understand the hierarchical structure of a business
- To understand the flow of information in the company and its role
- To be able to describe the company organization and its production processes

In order to achieve these objectives, the student will have to work mainly on site. Remote work should be exceptional.
It is up to students to look for their internship which must be pre-approved by Student Affairs. All internships are subject to a contractual agreement which specifies the name of the company supervisor and the school's academic director.
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This internship validates 3 ECTS credits.

2.1.3 Study tracks: semesters 7, 8, and 9

From the second year on, curricula are divided into areas of focus, or study tracks. At the end of the first year, the jury makes the final decision of students' tracks based on the following:

- The wishes expressed by students,
- Their results.

2.1.4 The final-year project (PFE): semester 10

The final-year project takes the form of a professional thesis based on an internship and a dissertation which students defend before a jury.

The purpose of the final-year internship is to prepare students for their transition to the corporate world. At the end of their internship, students must demonstrate the ability to:

- Be a team player, and demonstrate adaptability and interpersonal skills.
- Be able to manage time across the different phases of their work assignments.
- Know how to present the progress of their work
- Be able to carry out substantial tasks that showcase knowledge and know-how, both theoretical and practical, acquired during their training.
- Be able to analyze the internship topic through analytical and/or formal and bibliographical approaches of the subject.
- Be able to provide a relevant and substantial contribution to the host company.
- Be able to present and analyze the results, and draw conclusions from the work carried out, both orally and in writing.

The final-year internship covers at least 24 weeks over a period of one semester, and must take place in a company. Exceptionally, an exemption to carry out the internship in a university laboratory may be requested from the Director of Studies for students wishing to continue with a thesis. In all cases, a student must complete a minimum of 14 weeks of internship in a company during his schooling.
On-site work is the general rule. Remote work cannot exceed 25% of the internship.

Students are responsible for contacting companies and obtaining interviews to be recruited as interns. Students are assisted in their search by Student Affairs, which provides a database of internship offers from companies.
The company and the topic must be pre-approved by Student Affairs. All internships are subject to a contractual agreement which specifies the name of the company supervisor and the school's academic director.
The final-year internship validates 30 ECTS credits.

2.2 Timetable

For each semester, a timetable is set by Student Affairs and communicated to students, professors and outside contributors before the beginning of each semester. The assessment tests of the 1st and 2d exam sessions are explicitly mentioned.

3 ASSESSMENTS

3.1 Assessment of teaching units

3.1.1 Methods

At the beginning of the year, the faculty of each teaching unit provides students with a list of the learning outcomes (knowledge, abilities and/or skills).
For each teaching unit, the evaluation of the learning outcomes may include a continuous assessment and/or a final assessment. It can also include an assessment of the practical work, and/or of a tutored project or a personal work related to the teaching unit.

Based on the faculty decision, assessment of the learning outcomes can be based, uniformly within a UE, on:

- Grades or
- An assessment of learning outcomes

Whatever the method, the principle of compensation within the teaching unit applies.

3.2 Assessment of internships and projects

3.2.1 Assessment of projects

Second and third-year projects are evaluated on the basis of a written report and an oral defense, according to the following criteria:

- Analysis of the topic/issue (coefficient 2)
- Outcomes (coefficient 2)
- Project management (coefficient 1)
- Written report (coefficient 1)
- Oral exam (coefficient 1)

The rules to assess first-year projects are described on the corresponding descriptive sheets.

3.2.2 Assessment of the Introduction-to-businesses internship

The grade of this internship is based on the following:

- A report, which must be validated by the internship academic director,
- The evaluation by the company's internship supervisor.

3.2.3 Assessment of the final-year internship

Final internships are defended before an internship panel and assessed based on five criteria:

Analysis of the topic/issue: i.e. the analytical, formal and bibliographical approach of the subject.
Results: i.e. the usefulness of the results for the host company.
Project management: i.e. how students defined the topic, analyzed the phases, reviewed their progress at regular intervals (in particular by communicating regularly with the academic director), and managed unforeseen events (changes in topic, deadlines, etc.).
Quality of the written report: presentation of the report, clarity, precision, references used, oral skills.
Quality of the defense: quality of the presentation, capacity for synthesizing, speech delivery, relevance of demonstrations, if any.

For each criterion, a score out of 20 is awarded by the jury. The five scores are combined and weighted as follows:

- Coefficient 1 for the project management, the oral presentation and the report
- Coefficient 2 for the conceptual work and analysis of the issue and the results

3.3 Validation of teaching units

Each academic semester includes two examination sessions.

At the end of the 1st session, the teaching unit team meets to assess each student's outcomes. The assessment of the unit is defined by a grade between A+ and F. The grading system is as follows:

- A+ = 18 - 20 OUTSTANDING
- A = 16 - <18 EXCELLENT
- B = 14 - <16 VERY GOOD
- C = 12 - <14 GOOD
- D = 11 - <12 SATISFACTORY
- E = 10 - <11 FAIR
- F = 0 - <10 NOT VALID

Students who receive an "A" to "E" grade get their teaching unit validated and the corresponding ECTS credits. An F means that the unit is not validated and no ECTS credits are awarded for this unit. The validation of teaching units and credits is definitive, even if the student repeats a year.

3.3.1 Results of the first assessment session

- In the case of a grade-based assessment, the average of the 1st session of the unit is calculated based on the grades obtained in each component of the unit, and by applying the weights provided in the syllabus. If the average mark of the teaching unit is greater than or equal to 10/20, and if all the grades of the components of the unit are greater than or equal to 8/20, the student receives the ECTS credits of said teaching unit and the status corresponding to the average.
- If a student has chosen one or more additional courses within a unit, he/she can ask Student Affairs to drop these additional courses, provided that the minimum number of courses of said unit is respected. In this case, these courses will not appear on the student's report card, and the average and grade of the teaching unit will be recalculated based on the grades and weights of the remaining courses.
- If the average of the teaching unit is below 10/20, the student is asked to take the tests at the 2d session for the components with a grade below 10/20.
- If the average of the teaching unit is greater or equal to 10/20 and if at least one grade of a component of the unit is below 8/20, the student is asked to take the tests at the 2d session for the components with a grade below 10/20.
- The student is not authorized to take the tests of the 2d session for the components of a validated unit, whatever the mark obtained in this component.
- The student is not authorized to take the tests of the 2d session for the components of a unit that is not validated in which he/she received a mark higher or equal to 10/20.
- In a learning outcome-based assessment, the jury of the unit gives directly the unit grade based on the level of the skills assessed. For an F grade, the student is called for the tests of the 2d session, according to the terms proposed by the unit jury.

3.3.2 Results of the second assessment session

The tests of the 2d session are organized by semester only for the components for which the student had a mark below 10 and which are included in a teaching unit that the student did not validate in the first session. The component grades greater than or equal to 10/20 received at the 1st session are maintained for the calculation of the 2d session grade average.

Following the tests of the 2d session, the teaching unit jury meets again as it does after the 1st session. If the average mark of the teaching unit is greater than or equal to 10/20 and the grades of each components are all greater than or equal to 8/20, or if the jury validates the learning outcomes when evaluating student’s learning, the student receives the ECTS credits of said teaching unit, with the E grade

In case the average of the teaching unit is below 10/20, the jury may propose to validate the teaching unit through a jury decision if it deems the learning outcomes as sufficient. In this case, the students receives the ECTS credits for this unit with the E grade.

If, at the end of the 2d session a teaching unit is not validated, the student’s report shows this unit as "With a debt" (see 3.7.2).

3.4 Validation of projects

For their project to be validated, students must obtain a final grade of at least 10/20 in a grade-based assessment, or validate the required competencies in a learning outcome-based assessment.
Even if the project is carried out in a group, the assessment is individual and may differ among students in the same group.

If the project is not validated, the teaching committee decides on the possibility of making up the project and defines the terms (e.g. new report, additional work, etc.). This is not systematic and it will depend on the quality of the student's work and his/her personal investment during the project.

If this possibility is not authorized by the teaching committee, the student does not validate the corresponding unit and must repeat it, according to the modalities decided by the teaching committee.

3.5 Validation of internships

3.5.1 Introduction-to-business internship (*stage de découverte du monde professionnel*)

To obtain the ECTS credits for this internship unit, students must obtain a final grade of at least 10/20. The internship must last at least 4 effective weeks.

If a student's work is judged insufficient, the Teaching Committee may ask the student to revise it and stipulate conditions (for example, a new report).

A complete repetition of the internship is also possible, in which case the student will do a new internship.

3.5.2 Internship as part of the Final-Year Project

To obtain ECTS credits for the internship unit, students must validate their learning outcomes corresponding to this teaching unit. In case of a grade-based assessment, their final grade must be at least 10 over 20. The final-year project must last at least 24 weeks.

Only one professional thesis defense is allowed.

If the professional thesis is deemed insufficient, the internship jury (cf. 4.2.2) may request that it be further developed in a manner to be decided at the Teaching Committee meeting. A complete repetition of the internship is also possible, in which case the student will do a new internship.

3.6 Semi-annual pedagogical assessment

A pedagogical assessment is organized at the end of each semester. It is held by class or by field of study if necessary, with faculty members and student representatives present.

3.7 Validation of the academic year

3.7.1 Criteria

The year is validated if students obtain 60 ECTS credits, i.e. all of the teaching units. The jury may propose that a student who does not have 60 ECTS credits still advance to the next year.
In this case, the student will have "debts" and will need to validate the missing teaching units in the following year(s). After the juries make their decisions, the Teaching Committee will define the terms for the validation of the teaching units "with a debt".

3.7.2 Teaching units with a debt

- Students who have teaching units with a debt and who advance to the next year keep all the components' grades greater than or equal to 10 that they received at the 1st or 2d session. The following year, they will only retake the tests for which the mark was still below 10 after the 2d session, including the practical work (TPs) and guided studies (TDs) (oral if necessary). The

weighed average of the teaching unit with a debt is then calculated with the new grades, and the grades are maintained.

- Students with a teaching unit with a debt who repeat the year (complete repetition of the year or semester) retake all the components of said teaching unit that was not validated. No grade of a teaching unit with a debt is maintained. The ECTS credits obtained in the other teaching units are permanently kept.

In all cases (advancing to the next year with one or several debt(s) or repeating the year), a study contract specifying the subject matters to be passed will be issued by Student Affairs and co-signed by the student.

4 EXAMS AND JURIES

4.1 Examination sessions

For each semester of the academic year, two examination sessions are organized.

Only students registered in the components of a teaching unit will be able to take an exam.
For each component, a make-up exam is possible at the second session.

Students who did not attend the first examination session without a valid reason will not be able to attend the second examination session of the relevant component.

The schedule of examination sessions is communicated each semester by Student Affairs.

The Teaching Committee may authorize a student to make up a project. The terms are set by the Teaching Committee.

Only one professional thesis defense is allowed, except in the case of a medical reason duly justified by a doctor or in case of *force majeure*.

4.1.1 Absences and late arrivals

Students must arrive on time at the examination sessions of the courses in which they are registered. Absences from exams without a medical certificate written in French or English and sent to Student Affairs beforehand will result in the cancellation of the relevant credits without the possibility of a make-up session.
Any unjustified absence from an exam will result in a grade of zero (when the assessment is based on grades).
Student who are late will not be allowed to take the exam once the distribution of subjects has begun. They will be considered absent.

For students with a valid absence to one or several tests, the exam taken during the 2d session will serve as the first session exam. The result of the test will then replace the results of the tests not taken by the student. The terms of any make-up session are decided on a case-by-case basis.

4.1.2 Frauds

The terms for the examinations as well as the consequences of any fraud (including plagiarism) are specified to students by Student Affairs for each Teaching Component before each examination session.

Any misbehavior during exams will result in the nullification of the exams and disciplinary sanctions may be taken by the Disciplinary Board and communicated to Student Affairs and the Teaching Committee. These sanctions can go as far as the temporary or permanent exclusion of the student.

4.2 Juries

4.2.1 Teaching unit juries

Teaching unit juries are made up of the teaching unit academic heads and professors. They decide on the awarding of ECTS credits after each examination session, and recommend decisions to the Teaching Committee.
A semi-annual assessment is made by Student Affairs to identify students who may face difficulties early on.

4.2.2 Final-year internship juries

These juries are made up of the academic supervisor and the representative of the host company or, failing that, an outside specialist.

4.2.3 Yearly jury

A jury is set up per year. It is made up of the academic heads of the year's teaching units.

The jury reviews all students who have not obtained 60 ECTS credits.
The jury may decide to set up individual hearings with students who have failed.

For each of these students, a proposal is submitted to the Teaching Committee:

- Validation of teaching units if the unit jury deems the skills acquired
- Admission with a teaching unit with a debt
- Authorization to repeat the year, or
- Exclusion

Student Affairs informs these students of the Teaching Committee's proposals.
For students who do not meet the criteria to advance to the next year, the jury may propose to the Teaching Committee that they be allowed to repeat the year or that they be excluded. Exclusions require a motivated decision by the jury to the Teaching Committee.

4.2.4 Appeals

Following the juries' recommendations, students have 72 hours to submit a written request for appeal to Student Affairs who reviews them in the presence of the students' elected representatives.

4.2.5 Teaching Committee

The Teaching Committee reviews the results of all students who are administratively registered in the year, and the juries' proposals. It also makes sure that every student is treated equally across all tracks. Its decisions are final. The Teaching Committee is made up of EURECOM's permanent research professors and a representative of Student Affairs. Four elected students also attend the meetings but without voting rights. The committee is chaired by the Director of Studies.

The Teaching Committee makes the final decision on:

- The validation of the year or semester
- The possible validation of one or several teaching units based on a jury decision
- The admission with a teaching unit with a debt
- The terms to repeat one or several courses or projects
- The possibility to repeat or the exclusion of failing students

The Teaching Committee's decisions are communicated to students via Student Affairs. For students who are repeating, a study contract specifying the teaching units to be passed successfully is issued by Student Affairs and is co-signed by the student.

The Teaching Committee may decide to exclude a student following an interview and the recommendations of the juries.

4.2.6 Diploma jury

The diploma jury meets after the Teaching Committee to decide on the graduation of students at the end of the program. The diploma jury is made up of the following members:

- The Director of the School, who chairs it
- The Director of Studies
- The Head of Student Affairs
- The heads of the curricula
- A referent professor
- A representative of the founding member of EURECOM's consortium

The jury ensures that all the prerequisites for the diploma are validated.

The diploma jury is sovereign and as such has full authority over the awarding of the diploma.

4.2.7 Disciplinary Board

For all years of study, the Disciplinary Board is made up of the Director of the School or his/her representative, the Director of Studies, the Head of Student Affairs, a referent professor and a professor involved in the student's curriculum.
The board decides on possible sanctions to be taken

- following cases of examination fraud,
- more generally, in case a student did not comply with the responsibilities set out in the Academic Charter.

After an interview, the Disciplinary Board may decide to exclude a student temporarily or permanently for failure to comply with the above, and after an interview.

5 GRADUATION REQUIREMENTS

The diploma jury takes into account the following elements when deciding whether or not to grant a diploma:

- The academic program must be validated (see 5.2).
- The international experience requirements must be validated (see 5.4).
- The business experience requirements must be validated (see 5.3).
- The Introduction-to-Research module must be validated (cf.5.5).
- Proof of a proficient level of English (cf. 5.2)
- Proof of successful French level for non-French speaking students (cf. 5.2).

The diploma jury is sovereign.

5.1 Validation of the academic program

Students must have obtained 60 ECTS credits per academic year, i.e.:

- 180 ECTS at the end of the 3rd year for students admitted in the first year
- 120 ECTS at the end of the 3rd year for students admitted in the second year

5.2 Level of English and French

During their training, students whose native language is not English must validate a minimum level in English which will be assessed by an external test. Allophone students must also validate a minimum level in French.

If the required level is not reached by the end of the third year, the jury will suspend the delivery of the diploma for a maximum of two years. After said period, the student will no longer be able to graduate from EURECOM. If the required level is reached, the diploma will be issued immediately as long as the other conditions are met.

EURECOM covers the cost of registering for a test in English or French for each student during the course of their studies, as part of group tests organized by EURECOM. Registration for additional tests is the responsibility of each student.

5.2.1 End-of-studies requirement in English

A minimum level of B2+ in English is required to graduate. It must be validated by an external test of the student's choice:
Grade A, B or C in the Cambridge English Advanced or Proficiency Certificate

- TOEFL ITP: 575
- TOEFL IBT: 90
- TOEIC: 850
- IELTS: 7.0

English-speaking students are exempted from the test.

5.2.2 End-of-studies requirement in French for Allophone students

A minimum level of B1 in French is required to graduate. It must be validated by an external test of the student's choice:

- DELF B1
- TFI: 345
- DCL FLE B1
- DALF B1
- TCF: 300

Students holding a French baccalauréat or having validated at least 2 years of Higher Education in a French Speaking country in a program taught in French, are exempted of the test. They must ask for an exemption to the students affairs and provide a proof.

5.2.3 Second foreign language

It is strongly recommended that French (and English) speaking students choose a second foreign language (this choice can be made via the opening units starting in semester 7).

5.3 Validation of internships

During their training, students must complete at least 28 weeks of internships: a minimum of 24 weeks during the final-year project and a minimum of 4 weeks for the introduction-to-business internship between the first and the second year (between semesters 6 and 7).
These 2 requirements must be fulfilled: a student having validated more than 4 weeks of introduction-to-business internship will also need to validate at a minimum of 24 weeks during the final year internship.
During their training, students must complete a minimum of 14 weeks in a company.
These internships lead to the validation of ECTS credits at semesters 6 and 10.

5.4 Validation of the international experience

All students are required to spend a semester of at least 16 consecutive weeks in a country other than their home country, either during internships or during study periods, possibly as part of a mobility agreement or a double degree with partner universities.

5.5 Validation of the Introduction-to-research module

During their studies, students must take once the "Aware" component (Introduction to Research) which is offered during semesters S7, S8 and S9 as part of the opening units.

6 Special accommodations

EURECOM has a disability advisor whose name will be communicated to students.
Any student with a disability is invited to contact the disability advisor. Specific accommodations suited to each student will be examined by Student Affairs.
Students admitted with the "Sportif de haut niveau" status are invited to report to Student Affairs to present their DRJCS certificate.
Students looking to be considered as "Artistes de haut niveau" may apply to Student Affairs, with any document proving their artistic status.
Students with the "Etudiant entrepreneur" status for the current academic year are invited to apply to Student Affairs to present their certificate.

Specific pedagogical accommodations may be proposed to artists and high-level athletes and to student entrepreneurs based on their personal situation. Any such accommodations will be specified in a study contract signed by the student and the school representative.

7 Prevention of Sexual and Gender-Based Violence

EURECOM is very attentive to the prevention of sexual and gender-based violence. Awareness workshops are set up for students and staff. The BDE (Student organization) has students trained in listening in the event of SGBV.
EURECOM has a SGBV referent and a SGBV correspondent within the education department, whose names are brought to the attention of the students, as well as a specific email address for cases of SGBV.

8 Graduating from EURECOM through the VAE program

The terms of the April 24, 2002 decree relating to the validation of acquired experience (VAE, in French) by higher-education institutions allow candidates to graduate from EURECOM with an engineering degree through their experience.
The goal is to compare the applicants' skill sets, taking into account their initial and continuing education as well as the skills acquired during their professional career, with the skill set delivered by EURECOM's engineering training (currently being registered with the RNCP).
This comparison can only be meaningful if the candidate's skills pertain to the same field as those delivered by the EURECOM diploma.

A jury is convened, chaired by the Director of the School and made up of a majority of researchers-professors participating in the training program delivering the engineering degree, plus a minimum of two other persons whose professional activity relates to the fields targeted by the training program.

After reviewing the case and interviewing the applicant, the jury decides on the extent of the validation:

- It can be total and lead to the delivery of the engineering diploma.
- It can be partial when skills are missing based on the training reference system, in which case the jury specifies said skills. These must to be acquired through different methods–courses, research, projects, etc.– which are selected by the candidate.
  It should be noted that these skills can be acquired at the school from which the candidate is seeking to graduate, as well as in any other institution and/or company of which the candidate may be an employee.

Once the applicant has acquired these additional skills, the jury decides on whether to award the diploma in the presence of the candidate.

Date: 07/30/2024

David Gesbert

Director
EURECOM

APPENDIX: 1ST, 2ND AND 3RD YEAR ENGINEERING CURRICULA

ANNEXE 1 : CURSUS INGENIEUR 1ERE ANNEE, 2EME ANNEE ET 3EME ANNEE

Cursus ingénieur Diplômé d'EURECOM 1ère ANNEE

Semestre 5 [30 ECTS]		ECTS	Long/Court	Coef	Professeur
UE Informatique de base		**12.5**			**Chiara GALDI**
BasicOS	Les bases en système d'exploitation		S	0.17	Ludovic APVILLE
ComProg	Programmation informatique		L	0.34	Chiara GALDI
IntroArchi	Introduction à l'architecture des ordinateurs		S	0.17	Renaud PACALET
ItBasics	Basics in Computing		S	0.17	Romain CAYRE
IntoNet_1	Introduction aux réseaux informatiques et Internet 1		S	0.17	Adlen KSENTINI
UE Traitement du signal appliqué		**7.5**			**Jean-Luc DUGELAY**
ComLab	Travaux théoriques et pratiques		S	0.34	Florian KALTENBERGER
ImProc	Traitement d'images Numériques		S	0.34	Jean-Luc DUGELAY
SoundProc	Traitement du son et de la musique		S	0.34	Massimiliano TODISCO
UpSigProc	Mise à niveau traitement du signal		S	0	Ayse UNSAL
UE Projet		**5**			**Massimiliano TODISCO**
Projet S5	Projet pluridisciplinaire		100h	1	Co-encadrement
UE Enjeux stratégiques, environnementaux et éthiques		**4**			**Laura DRAETTA**
T3E	Transition environnementale et éthique de l'entreprise		S	0.5	Laura DRAETTA
ComEng	Oral and written communication for engineers		S	0.5	Arnaud LEGOUT
UE Langues 1		**1**			**Pascale CASTAING**
Langues			S	1	

Semestre 6 [30 ECTS]		ECTS	Long/ Court	Coef	Professeur
UE Informatique et réseaux		**7**			
DataBase	Introduction aux bases de données		S	0.34	Pasquale LISENA
IntroNet_2	Introduction aux réseaux informatiques et Internet 2		S	0.34	Adlen KSENTINI
IntroSec	Introduction à la Cybersecurité		S	0.34	Simone AONZO
UE Mathématiques pour l'ingénieur		**7**			
InfoTheo1	Théorie de l'information		L	0,67	Derya MALAK
IntroStat	Introduction aux statistiques		S	0,34	Motonobu KANAGAWA
UE Pratique de l'ingénieur		**7**			
Projet S6	Projet pluridisciplinaire		100h	0.7	Co-encadrement
DigiPro	Découverte des métiers du numérique		/	0.3	Jean-Luc DUGELAY
UE Engagement étudiant		**1**	20h	1	
StudCom	Engagement étudiant				TBC
UE Innovation et enjeux géopolitiques		**4**			
Innov	Innovons!		S	0.5	Patrick SURE
GéoBal	Equilibre géopolitique		S	0.5	Alain SAFA
UE Stage découverte du monde professionnel		**3**			
Stage DMP			/	1	Marc RELIEU
UE Langues 2		**1**			
Langues			S	1	

Cursus ingénieur Diplômé d'EURECOM 2ème et 3ème ANNEE

Intelligent Communication Systems (ICS)

Semester 7 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Wireless Communications: Principles and Trends		**10**			**R. KNOPP**
ATWireless	Advanced topics in wireless communications		L	0.5	Petros ELIA
DigiCom	Digital communications		L	0.5	Raymond KNOPP
TU networks and models for engineer		**10**			**R. KNOPP**
Mobsys	Mobile communication systems		L	0.5	A.KSENTINI/ R.KNOPP/N. NIKAEIN
MobCom	Mobile communication techniques		L	0.5	Petros ELIA
NetSoft	NetWork Softwerization		L	0.5	Adlen KSENTINI
SSP	Statistical signal processing		L	0.5	Dirk SLOCK
InfoTheo2	Advanced Topics in Information Theory		S	0.25	Petros ELIA
Quantis	Quantum Information Science		S	0.25	Arun PADAKANDLA
TU Human and Social Sciences 1		**4**	**42 H**		**A. SAFA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRi	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 1		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	/
Short technical course			S	0.5	/
Long Human and Social course			L	0.8	/
Short Human and Social course			S	0.4	/
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
TU Language 3		**1**			**P. CASTAING**
Languages			S	1	

ICS

Semestre 8 [30 ECTS]		ECTS	Long/ Court	Coef	Professeur
TU Optimization		**10**			**F. KALTENBERGER**
Malcom	Machine Learning for Communication systems communication		L	0.5	Fotios STAVROU
Radio	Radio engineering		L	0.5	F. KALTENBERGER
TU Mathematical and algorithmic methods		**10**			
ASI	Advanced Statistical Inference		L	0.5	M. KANAGAWA
CompMeth	Computational Methods for digital communications		L	0.5	Raymond KNOPP
MobWat	Wireless Access Technologies		S	0.25	Jérôme HÄRRI
AML	Algorithmic Machine Learning		S	0.25	Pietro MICHIARDI
DeepLearning	Deep Learning		S	0.25	Pietro MICHIARDI
Sp4Com	Signal Processing for Communications		L	0.5	Dirk SLOCK
MobiCore	Next generation Mobile Core Network		S	0.25	Adlen KSENTINI
TU Human and Social Sciences 2		**4**	**42 H**		**K. POPE**
Business	Business simulation		L	1	Kenneth POPE
Law	General introduction to law: contracts, setting up a business		S	0.5	Dominique SERIO
ProjMan	Project Management		L	1	J.J. AUREGLIA
SATT	Sociological Approaches of Telecom Technologies		S	0.5	Marc RELIEU
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
WebStra	Web strategy and organizational Performance		S	0.5	C. COMOLE-THEVENIAUD
TU opening 2		**5**			**A. KSENTINI**
Long technical course			L	1	
Short technical course			S	0,5	
Long Human and Social course			L	0,8	
Short Human and Social course			S	0,4	
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
ResProj	Research Project		100h	1	
TU Language 4		**1**	**22H**		**P. CASTAING**
Languages			S	1	

ICS

Semester 9 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Computing and Mobile Services		**7.5**	**75H**		**N. NIKAEÏN**
Malis	Machine Learning and Intelligent System		L	0.67	Maria ZULUAGA
MobiSec	Mobile Systems and Smartphone Security		L	0.5	D. ANTONIOLI
Stand	Designing embedded systems with UMLEMB		S	0.34	Jérôme HÄRRI
ReLearn	Basics on reinforcement learning		S	0.34	Fotios STAVROU
InfoTheo_2	Advanced Topics In Information Theory		S	0.34	Petros ELIA
TU Human and Social Sciences 3		**4**	**42 H**		**Laura DRAETTA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Digital Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 3		**7.5**	**75H**		**A. KSENTINI**
Long technical course			L	0.67	
Short technical course			S	0.34	
Long Human and Social course			L	0.5	
Short Human and Social course			S	0.25	
StudInit	Student Initiative		S	0.34	TBC
StudCom	Student Commitment		S	0.17	TBC
CitiCom	Citizen commitment		S	0.34	TBC
AddLang	Additional Language		S	0.17	/
Aware	Awareness-raising to research		S	0.34	Co-teaching
TU PROJECT		**10**	**200 h**		
Semester project					/
TU Language 5		**1**	**22H**		**P. CASTAING**
Languages			S	1	

Semester 10 [30 ECTS]	ECTS	Long/Short	Coef	Teacher
TU Internship	**30**			
6th months Internship in a company/research laboratory			1	

INTERNET OF THINGS (IOT)

Semester 7 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Basics in IOT		**10**	**100h**		**M. ZULUAGA**
SysSec	System and Network Security		L	0.5	A. FRANCILLON
Malis	Machine Learning and Intelligent systems		L	0.5	Maria ZULUAGA
TU Software engineering, security and networks		**10**	**100h**		**J. HÄRRI**
OS	Operating systems		L	0.5	L. APVRILLE
CompArch	Computer architecture		L	0.5	Renaud PACALET
SoftDev	Software development methodologies		S	0.25	D. BALZAROTTI
InfoTheo_2	Advanced Topics in Information Theory		S	0.25	Petros ELIA
MobMod	Mobility Modeling		S	0.25	Jérôme HÄRRI
NetSoft	NetWork Softwerization		L	0.5	Adlen KSENTINI
TU Human and Social Sciences 1		**4**	**42 H**		**A. SAFA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 1		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	/
Short technical course			S	0.5	/
Long Human and Social course			L	0.8	/
Short Human and Social course			S	0.4	/
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
TU Language 3		**1**	**22H**		**P. CASTAING**
Languages			S	1	

IOT

Semestre 8 [30 ECTS]		ECTS	Long/ Court	Coef	Professeur
TU Advanced IOT for Engineers		**10**	**100 H**		**R. TRONCY**
APPIOT	Iot Application Protocols		S	0.25	R. MORABITO
ProtIOT	Iot Communication Protocols		S	0.25	R. MORABITO
MobiCore	Next generation Mobile Core Network		S	0.25	Adlen KSENTINI
WiSec	Wireless Security		S	0.25	A. FRANCILLON
TU Software engineering, security and networks 2		**10**	**100 H**		**J. HÄRRI**
HWSEC	Hardware Security		S	0.25	Renaud PACALET
MalCom	Machine Learning for Communication systems communication		L	0.5	Fotios STAVROU
MobAdv	Mobile Advanced Networks		S	0.25	Navid NIKAEIN
MobWat	Wireless Access Technologies		S	0.25	Jérôme HÄRRI
DeepLearning	Deep Learning		S	0.25	P. MICHIARDI
TU Human and Social Sciences 2		**4**	**42 H**		**K. POPE**
Business	Business simulation		L	1	Kenneth POPE
Law	General introduction to law: contracts, setting up a business		S	0.5	Dominique SERIO
ProjMan	Project Management		L	1	J.J. AUREGLIA
SATT	Sociological Approaches of Telecom Technologies		S	0.5	Marc RELIEU
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
WebStra	Web strategy and organizational Performance		S	0.5	C. COMOLE-THEVENIAUD
TU opening 2		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	
Short technical course			S	0,5	
Long Human and Social course			L	0,8	
Short Human and Social course			S	0,4	
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
ResProj	Research Project		100h	1	
TU Language 4		**1**	**22H**		**P. CASTAING**
Languages			S	1	

IOT

Semester 9 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Software and systems		**7.5**	**75H**		**D. ANTONIOLI**
Mobsys	Mobile communication systems		L	0.67	A. KSENTINI/ R. KNOPP/N. NIKAEIN
UMLEmb	Designing embedded systems with UMLEMB		S	0.34	L. APVRILLE
MobiSec	Mobile Systems and Smartphone Security		L	0.67	D. ANTONIOLI
Quantis	Quantum Information Science		S	0.25	Arun PADAKANDLA
ReLearn	Basics on reinforcement learning		S	0.34	Fotios STAVROU
TU Human and Social Sciences 3		**4**	**42 H**		**L. DRAETTA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 3		**7.5**	**75H**		**A. KSENTINI**
Long technical course			L	0.67	
Short technical course			S	0.34	
Long Human and Social course			L	0.5	
Short Human and Social course			S	0.25	
StudInit	Student Initiative		S	0.34	TBC
StudCom	Student Commitment		S	0.17	TBC
CitiCom	Citizen commitment		S	0.34	TBC
AddLang	Additional Language		S	0.17	/
Aware	Awareness-raising to research		S	0.34	Co-teaching
TU PROJECT		**10**	**200 h**		
Semester project					/
TU Language 5		**1**	**22H**		**P. CASTAING**
Languages			S	1	

Semester 10 [30 ECTS]	ECTS	Long/Short	Coef	Teacher
TU Internship	**30**			
6th months Internship in a company/research laboratory			1	

DATA SCIENCE

Semester 7 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Basics in data science		**10**	**100H**		**M. ZULUAGA**
Malis	Machine Learning and Intelligent systems		L	0.5	Maria ZULUAGA
DBSys	Database Management System		L	0.5	Paolo PAPOTTI
TU Web science and mathematical methods		**10**	**100H**		**M. KANAGAWA**
ImCod	Image & Video Compression		S	0.25	J.L. DUGELAY
Clouds	Distributed Systems and Cloud Computing		L	0.5	R. APPUSWAMY
WebSem	Semantic Web and Information Extraction technologies		S	0.25	Raphaël TRONCY
BigSec	Security and privacy for Big Data and Cloud		S	0.25	Melek ÖNEN
SoftDev	Software development methodologies		S	0.25	D. BALZAROTTI
TU Human and Social Sciences 1		**4**	**42 H**		**A. SAFA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 1		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	/
Short technical course			S	0.5	/
Long Human and Social course			L	0.8	/
Short Human and Social course			S	0.4	/
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
TU Language 3		**1**	**22H**		**P. CASTAING**
Languages			S	1	

DATA

Semestre 8 [30 ECTS]		ECTS	Long/ Court	Coef	Professeur
TU Advanced courses in machine learning		**10**	**100 H**		**M. FILIPPONE**
ASI	Advanced Statistical Inference		L	0.5	M. KANAGAWA
AML	Algorithmic Machine Learning		S	0.25	Pietro MICHIARDI
DeepLearning	Deep Learning		S	0.25	Pietro MICHIARDI
TU Applications in data science		**10**	**100 H**		**R. TRONCY**
APPIOT	Iot Application Protocols		S	0.25	R. MORABITO
ImSecu	Imaging Security		S	0.25	J.L DUGELAY
FormalMet	FormalMethods-Formal specification and verification of systems		S	0.25	Rabea AMEUR
Speech	Speech and audio processing		S	0.25	Nicholas EVANS
WebInt	Interaction Design and Development of Modern Web Applications		S	0.25	Raphaël TRONCY
TU Human and Social Sciences 2		**4**	**42 H**		**K. POPE**
Business	Business simulation		L	1	Kenneth POPE
Law	General introduction to law: contracts, setting up a business		S	0.5	Dominique SERIO
ProjMan	Project Management		L	1	J.J. AUREGLIA
SATT	Sociological Approaches of Telecom Technologies		S	0.5	Marc RELIEU
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
WebStra	Web strategy and organizational Performance		S	0.5	C. COMOLE-THEVENIAUD
TU opening 2		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	
Short technical course			S	0,5	
Long Human and Social course			L	0,8	
Short Human and Social course			S	0,4	
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
ResProj	Research Project		100h	1	
TU Language 4		**1**	**22H**		**P. CASTAING**
Languages			S	1	

DATA

Semester 9 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Advanced data technologies and applications		**7.5**	**75 H**		**P. MICHIARESRI**
MobiSec	Mobile Systems and Smartphone Security		L	0.67	D. ANTONIOLI
SysSec	System and Network Security		L	0.67	A. FRANCILLON
OpTim	Optimization Theory with Applications		S	0.34	Giulio FRANZESE
Quantis	Quantum Information Science		S	0.34	Arun PADAKANDLA
MPC	Distributed Systems and Cloud Computing		S	0.34	Antonio FAONIO
TU Human and Social Sciences 3		**4**	**42 H**		**L. DRAETTA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 3		**7.5**	**75H**		**A. KSENTINI**
Long technical course			L	0.67	
Short technical course			S	0.34	
Long Human and Social course			L	0.5	
Short Human and Social course			S	0.25	
StudInit	Student Initiative		S	0.34	TBC
StudCom	Student Commitment		S	0.17	TBC
CitiCom	Citizen commitment		S	0.34	TBC
AddLang	Additional Language		S	0.17	/
Aware	Awareness-raising to research		S	0.34	Co-teaching
TU PROJECT		**10**	**200 h**		
Semester project					/
TU Language 5		**1**	**22H**		**P. CASTAING**
Languages			S	1	

Semester 10 [30 ECTS]	ECTS	Long/Short	Coef	Teacher
TU Internship	**30**			
6th months Internship in a company/research laboratory			1	

DIGITAL SECURITY

Semester 7 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Basics in security		**10**	**100 H**		**M. ÖNEN**
SecCom	Secure communications		L	0.5	Melek ÖNEN
SysSec	System and Network Security		L	0.5	A. FRANCILLON
TU Systems and Network Computing		**10**	**100 H**		**D. ANTONIOLI**
MobiSec	Mobile Systems and Smartphone Security		L	0.5	D. ANTONIOLI
WebSem	Semantic Web and Information Extraction technologies		S	0.25	Raphaël TRONCY
SoftDev	Software development methodologies		S	0.25	D. BALZAROTTI
Malis	Machine Learning and Intelligent systems		L	0.5	Maria ZULUAGA
ImCod	Image & Video Compression		S	0.25	Jean-Luc DUGELAY
TU Human and Social Sciences 1		**4**	**42 H**		**A. SAFA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
TU opening 1		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	/
Short technical course			S	0.5	/
Long Human and Social course			L	0.8	/
Short Human and Social course			S	0.4	/
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
TU Language 3		**1**	**22H**		**P. CASTAING**
Languages			S	1	

SEC

Semestre 8 [30 ECTS]		ECTS	Long/ Court	Coef	Professeur
TU Advanced courses in security for the engineer		**10**	**100 H**		**D. BALZAROTTI**
Forensics	Cyber-crime and Computer Forensics		L	0.5	D. BALZAROTTI
HWSEC	Hardware Security		S	0.25	Renaud PACALET
WiSec	Wireless Security		S	0.25	A. FRANCILLON
ImSecu	Imaging Security		S	0.25	J.L DUGELAY
TU Analysis and understanding of interactions with computer systems		**10**	**100 H**		**N. EVANS**
Speech	Speech and audio processing		S	0.25	Nicholas EVANS
WebInt	Interaction Design and Development of Modern Web Applications		S	0.25	Raphaël TRONCY
ASI	Advanced Statistical Inference		L	0.5	M. KANAGAWA
FormalMet	FormalMethods-Formal specification and verification of systems		S	0.25	Rabea AMEUR
APPIOT	Iot Application Protocols		S	0.25	R. MORABITO
ProtIOT	Iot Communication Protocols		S	0.25	R. MORABITO
TU Human and Social Sciences 2		**4**	**42 H**		**K . POPE**
Business	Business simulation		L	1	Kenneth POPE
Law	General introduction to law: contracts, setting up a business		S	0.5	Dominique SERIO
ProjMan	Project Management		L	1	J.J. AUREGLIA
SATT	Sociological Approaches of Telecom Technologies		S	0.5	Marc RELIEU
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
WebStra	Web strategy and organizational Performance		S	0.5	C.COMOLE-THEVENIAUD
TU opening 2		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	
Short technical course			S	0,5	
Long Human and Social course			L	0,8	
Short Human and Social course			S	0,4	
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
ResProj	Research Project		100h	1	
TU Language 4		**1**	**22H**		**P. CASTAING**
Languages			S	1	

SEC

Semester 9 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Advanced courses in data security and technology		**7.5**	**75H**		**A. FRANCILLON**
BigSec	Mobile Systems and Smartphone Security		S	0.34	Melek ÖNEN
MPC	Optimization Theory with Applications		S	0.34	Antonio FAONIO
Quantis	Quantum Information Science		S	0.34	Arun PADAKANDLA
Clouds	Distributed Systems and Cloud Computing		L	0.67	R. APPUSWAMY
MobiSec	Mobile Systems and Smartphone Security		L	0.67	D. ANTONIOLI
DBSYS	Database Management System Implementation		L	0.67	Paolo PAPOTTI
TU Human and Social Sciences 3		**4**	**42 H**		**L. DRAETTA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
StoryTell	StoryTelling		S	0.5	Magalie ROBERT-ZEBROWSKI
TU opening 3		**7.5**	**75H**		**A. KSENTINI**
Long technical course			L	0.67	
Short technical course			S	0.34	
Long Human and Social course			L	0.5	
Short Human and Social course			S	0.25	
StudInit	Student Initiative		S	0.34	TBC
StudCom	Student Commitment		S	0.17	TBC
CitiCom	Citizen commitment		S	0.34	TBC
AddLang	Additional Language		S	0.17	/
Aware	Awareness-raising to research		S	0.34	Co-teaching
TU PROJECT		**10**	**200 h**		
Semester project					/
TU Language 5		**1**	**22H**		**P. CASTAING**
Languages			S	1	

Semester 10 [30 ECTS]	ECTS	Long/Short	Coef	Teacher
TU Internship	**30**			
6th months Internship in a company/research laboratory			1	

EMBEDDED SYSTEMS

Semester 7 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Computer systems		**10**	**100 H**		**L. APVRILLE**
OS	Operating systems		L	0.5	L. APVRILLE
CompArch	Computer architecture		L	0.5	Renaud PACALET
TU Software engineering, security and networks		**10**	**100 H**		**J.L DUGELAY**
SoftDev	Software development methodologies		S	0.25	D. BALZAROTTI
Clouds	Distributed Systems and Cloud Computing		L	0.5	R. APPUSWAMY
DigiCom	Digital communications		L	0.5	Raymond KNOPP
Malis	Machine Learning and Intelligent systems		L	0.5	Maria ZULUAGA
UMLEmb	Designing embedded systems with UML		S	0.25	Ludovic APVRILLE
TU Human and Social Sciences 1		**4**	**42 H**		**A. SAFA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
StoryTell	StoryTelling		S	0.5	Magalie ROBERT-ZEBROWSKI
TU opening 1		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	/
Short technical course			S	0.5	/
Long Human and Social course			L	0.8	/
Short Human and Social course			S	0.4	/
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
TU Language 3		**1**	**22H**		**P. CASTAING**
Languages			S	1	

EMB

Semestre 8 [30 ECTS]		ECTS	Long/ Court	Coef	Professeur
TU Data processing technologies		**10**	**100 H**		**R. KNOPP**
CompMeth	Computational Methods for digital communications		L	0.5	Renaud PACALET
DigitalSystems	Digital systems, hardware - software integration		L	0.5	Raymond KNOPP
TU Algorithms, tools and methods for data processing		**10**	**100 H**		**F. KALTENBERGER**
AML	Algorithmic Machine Learning		S	0.5	Pietro MICHIARDI
APPIOT	Iot Application Protocols		S	0.25	Adlen KSENTINI
DeepLearning	Deep Learning		S	0.25	Pietro MICHIARDI
HWSEC	Hardware Security		S	0.25	Renaud PACALET
SP4Com	Signal Processing for Communications		L	0.5	Dirk SLOCK
Speech	Speech and audio processing		S	0.25	Nicholas EVANS
TU Human and Social Sciences 2		**4**	**42 H**		**K. POPE**
Business	Business simulation		L	1	Kenneth POPE
Law	General introduction to law: contracts, setting up a business		S	0.5	Dominique SERIO
ProjMan	Project Management		L	1	J.J. AUREGLIA
SATT	Sociological Approaches of Telecom Technologies		S	0.5	Marc RELIEU
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
WebStra	Web strategy and organizational Performance		S	0.5	C. COMOLE-THEVENIAUD
TU opening 2		**5**	**50 H**		**A. KSENTINI**
Long technical course			L	1	
Short technical course			S	0,5	
Long Human and Social course			L	0,8	
Short Human and Social course			S	0,4	
StudInit	Student Initiative		S	0.5	TBC
StudCom	Student Commitment		S	0.2	TBC
CitiCom	Citizen commitment		S	0.5	TBC
AddLang	Additional Language		S	0.2	/
Aware	Awareness-raising to research		S	0.5	Co-teaching
ResProj	Research Project		100h	1	
TU Language 4		**1**	**22H**		**P. CASTAING**
Languages			S	1	

EMB

Semester 9 [30 ECTS]		ECTS	Long/Short	Coef	Teacher
TU Communicating and secure embedded systems		**7.5**	**75 H**		**L. APVRILLE**
UMLEmb	Designing embedded systems with UMLEMB		S	0.34	L. APVRILLE
MobiSec	Mobile Systems and Smartphone Security		L	0.67	D. ANTONIOLI
SecCom	Secure communications		L	0.67	Melek ÖNEN
SysSec	System and Network Security		L	0.67	A. FRANCILLON
MPC	Multiparty Computation and Blockchains		S	0.34	Antonio FAONIO
TU Human and Social Sciences 3		**4**	**42 H**		**L. DRAETTA**
Property	Intellectual property law		S	0.5	Dominique SERIO
B_INNOV	How to adopt the right posture and move from idea to market!		L	1	Patrick SURE
ManagIntro	Introduction to Management		L	1	Kenneth POPE
ResRI	Responsible Research and Innovation		S	0.5	Laura DRAETTA
TeamLead	Personal Development and Team Leadership		L	1	Andrew PRIOR
CSE	The challenges of a sustainable economy		S	0.5	Alain SAFA
StoryTell	StoryTelling		S	0.5	Magalie ROBERT-ZEBROWSKI
TU opening 3		**7.5**	**75H**		**A. KSENTINI**
Long technical course			L	0.67	
Short technical course			S	0.34	
Long Human and Social course			L	0.5	
Short Human and Social course			S	0.25	
StudInit	Student Initiative		S	0.34	TBC
StudCom	Student Commitment		S	0.17	TBC
CitiCom	Citizen commitment		S	0.34	TBC
AddLang	Additional Language		S	0.17	/
Aware	Awareness-raising to research		S	0.34	Co-teaching
TU PROJECT		**10**	**200 h**		
Semester project					/
TU Language 5		**1**	**22H**		**P. CASTAING**
Languages			S	1	

Semester 10 [30 ECTS]	ECTS	Long/Short	Coef	Teacher
TU Internship	**30**			
6th months Internship in a company/research laboratory			1	

ANNEXE 2 :

Annexe 2 : Rules to follow during an examination

Timetable:

You must be at your seat 10 minutes before the start of the test.

Complete using the QR code the evaluation form of the course.

You cannot choose your seat. You must take your assigned seat.

You may not enter the room after the subject envelope has been opened.

Exceptionally, the teaching department may allow you to compose. However, you will not be entitled to extra time.

Authorized materials:

Materials authorized are specified in the examination conditions.

Unauthorized material (bags, satchels, etc.) is kept in one part of the room. No candidate may have access to them during the test.

You may use a calculator only if specified in the test subject.

You may only use paper provided by the administration (including draft).

Your cell phone must be switched off and stored in a bag or given to the room supervisor. No connected objects or watches are permitted.

Use of the computer is only permitted when necessary for the examination (quiz on Moddle).

Communication:

You may not communicate with other candidates during the test.

The use of a cell phone or any device enabling the exchange of information is considered an attempt at fraud.

Fraud:

If you are caught attempting or committing fraud, the hall supervisor will intervene to put a stop to it. A report is drawn up and forwarded to the Director of Studies. Sanctions may be applied.

Authorized exits:

you may be authorized to leave the room temporarily by the supervisor (to go to the toilet, for example).

You leave one by one, without your copy. A temporary exit does not entitle you to extra time.

End of test:

The supervisor signals the end of the test.

A tolerance of a few seconds is allowed to allow you to finish your sentence.

Put down your pen

hand in your copy (without pen in hand)

No pen is allowed while you make the queue to submit your exam

Sign the attendance list

Disability:

If you have a disability, you may be entitled to special arrangements to sit your exams. Contact referenthandicap@eurecom.fr

EURECOM Academic Charter

Contents[1]

[1] This charter is derived from the UWA charter

Purpose of the policy and summary of issues it addresses

1 Preamble

Excellence in teaching and learning requires students to be active participants in their educational experience, rather than as passive consumers. This charter upholds the ethos that in addition to the role of awarding formal academic qualifications to students, EURECOM must strive to instill in all students independent scholarly learning, critical judgement, academic integrity and ethical sensitivity.

This Charter sets out the expectations which students may have during their education at EURECOM. It also outlines what can be expected of students while they are undertaking their studies, including recognition that ethical and honest behavior and treatment underpins the relationship between EURECOM and each student.
The Charter also recognizes that students are central to the EURECOM community. In doing so, EURECOM recognizes the importance of student rights, responsibilities and opinion and encourages diversity within the student body.

It is acknowledged that student participation is enhanced by an environment which promotes healthy lifestyle choices, encourages the highest personal and ethical standards, the development of a network of support for all students, and support of student representative organizations.

The breach of any student responsibility does not automatically invalidate any student rights. Consideration of student rights and responsibilities will be dealt with through the appropriate policies and procedures.

1.1 Definitions

For the purpose of this policy and any associated procedures,

- **student** unless specified otherwise in a specific policy referred to in this Charter, means an individual enrolled at EURECOM in one or more teaching units or study track.
- **student organizations** unless specified otherwise in a specific policy referred to in this Charter, means the “Bureau des Etudiants”, “Bureau des Arts”, “Bureau des Sports”.
- the **campus** means all the land vested in EURECOM, zoned for educational purposes, and not assigned to other entities.

Policy statement

2 STUDENT EXPECTATIONS / EURECOM RESPONSIBILITIES

2.1 Every student as individual can expect:

a) to be treated with courtesy and respect;
b) to be provided with a harmonious work and study environment in which concerns and complaints are addressed as quickly as possible;
c) to be able to communicate freely and to be able to voice alternative points of view in rational debate;
d) to have personal privacy respected. Students may expect that personally sensitive information will be requested only where necessary for EURECOM academic or

administrative functions and that, once collected, it will be adequately protected against inappropriate or unauthorized access;

e) to have access upon request to personal records which EURECOM may hold about them,
f) to have access to the statutes, regulations, rules and policies of EURECOM which apply to them; and
g) to be informed of the existence of this Charter and to have adequate access to it.

2.2 While participating in their education, students can expect:

a) to be provided with accurate, timely and helpful information regarding their studies, and about enrolment and other administrative procedures that apply to them;
b) to receive, at the beginning of each semester from the curriculum coordinator, an up-to-date course profile;
c) that program and subject content will be up-to-date and informed by current scholarship in the discipline;
d) that methods of teaching and learning will be sound and informed by pedagogy;
e) to have reasonable access to teaching staff for individual consultation outside class times, in person or by other means (such as email, etc.);
f) that evaluations of academic performance will reflect each student's true merit.
g) that feedback on assessment will be recognized as a valuable part of the educative process.
h) that the facilities or equipment they use are safe and comply with EURECOM's occupational health and safety guidelines.

2.3 As members of EURECOM community, students can expect:

a) that rules, regulations and policies applicable to them are readily available and easily accessible.
b) To have their views heard at the most senior levels of EURECOM, with representation on appropriate committees and involvement in appropriate processes.
c) an opportunity to appraise the teaching performance of academic staff and to provide input into program planning and subject design.
d) to have the opportunity to contribute feedback on the teaching and supervision they experience and to make suggestions for future course planning and to do so under full protection of intellectual freedom.
e) to have consideration given to the making of alternative arrangements for academic commitments to allow for any impairment or any medical condition.

3 EURECOM EXPECTATIONS / STUDENT RESPONSIBILITIES

3.1 Consideration of Others

Students as individuals are expected to:

a) treat other members of EURECOM with respect and courtesy;
b) treat other members of EURECOM equitably,
c) respect the opinions of others and deal with disagreement by rational debate,

d) avoid conduct which disrupts the teaching, learning or research activities of other students and staff, or which interferes with others performing their duties,
e) avoid conduct which might reasonably be perceived as discrimination, harassment or bullying or which is otherwise intimidating,
f) respect the property of others,
g) respect property and the facilities, such as library, computing and laboratory resources, which EURECOM provides to support teaching and learning.

3.2 Academic Conduct and Integrity

While at EURECOM, students are expected to:

a) acquaint themselves with policies and procedures relevant to their enrolment and studies and to observe the regulations, rules and policies of EURECOM;
b) take an active part in the management of their enrolment with EURECOM and monitor their own progress within the teaching-learning environment;
c) bring an open and enquiring mind and enthusiasm to their studies;
d) participate actively in the teaching and learning and research environment, in particular by attending classes as required, complying with workload expectations, and submitting required work on time (unless prevented from doing so by unforeseen or exceptional circumstances, which are communicated to the relevant staff member as soon as possible);
e) understand that despite all efforts to promote successful teaching and learning outcomes, student work may still not reach the standard required to pass a unit;
f) conduct themselves in a professional manner while undertaking internships, whether externally or within EURECOM,
g) incorporate feedback into their learning, make use of the assessment criteria with which they are provided, and be aware of rules and policies relating to assessment,
h) recognize the fundamental principle of intellectual freedom and to seek to safeguard this principle and freedom;
i) adhere to the principles of ethical scholarship and academic integrity during the course of their studies; and
j) contribute fair and honest feedback on the teaching and supervision they experience when requested to do so;
k) maintain the highest standards of academic integrity in their work by:
    - not cheating in examinations or other forms of assessment,
    - not helping others to cheat in examinations or other forms of assessment, ensuring that they do not plagiarize[2] the work or ideas of other persons,
    - ensuring that the findings of their research are interpreted and presented appropriately and based on accurate data.

5 Disability Management

EURECOM has a disability advisor whose name will be communicated to students.
Any student with a disability is invited to contact the disability advisor. Specific accommodations suited to each student will be examined by Student Affairs.

More information can be found here :
https://www.eurecom.fr/en/eurecom/presentation/disabilities-management

6 Prevention of Sexual and Gender-Based Violence

EURECOM is very attentive to the prevention of sexual and gender-based violence. Awareness workshops are set up for students and staff. The BDE (Student organization) has students trained in listening in the event of SGBV.
EURECOM has a SGBV referent and a SGBV correspondent within the education department, whose names are brought to the attention of the students, as well as a specific email address for cases of SGBV.

More information can be found here :
https://www.eurecom.fr/en/eurecom/presentation/preventing-sexual-and-gender-based-violence

2 Plagiarism is presenting someone else's work or ideas as your own, with or without their consent, by incorporating it into your work without full acknowledgement. All published and unpublished material, whether in manuscript, printed or electronic form, is covered under this definition. Plagiarism may be intentional or reckless, or unintentional. Under the regulations for examinations, intentional or reckless. Plagiarism is a disciplinary offence. (definition from Oxford University)