



École nationale
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Objet **END OF STUDIES INTERNSHIP**
(END OF THE THIRD AND FINAL YEAR)

Rennes, October 20th, 2014

Compulsory Internship to be carried out in France or abroad

Internships occupy an important place in the education given at ENSAI. Thus, obtaining the engineering degree from ENSAI, equivalent to a Master of Science (MSc) in Statistics, requires students to carry out and validate an End-of-Studies internship lasting between 20 weeks and six months maximum. Welcomed within businesses, administrations, organizations, or research centers, the intern applies the knowledge acquired during their academic education. During the internship, the intern writes an internship report leading to an oral defense in front of a jury. Each internship is subject to an Agreement signed by the host organization, the school, the student, and the internship supervisor.

Objectives

Technical objective: a mission is entrusted to the intern who, using their theoretical knowledge and aptitude, must attempt to respond to this commission while making optimal use of their immediate surroundings.

Professional objective: the intern develops in a professional environment and has to make the most of this internship period in order to improve their knowledge of the professional world, to improve their relational skills, and to adopt a sense of integration.

Intern status

During the entire internship, the intern remains a student registered at the school. The host organization names an Internship Supervisor to closely follow the intern from a technical point of view and to optimize the conditions in which the internship is carried out.

ENSAI may summon the intern in order to take possible re-sit examinations, which take place during the summer.

Duration

The internship must last for a minimum of 20 weeks and a maximum of 6 months between the beginning of April and the end of September

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Content: Theme, or Subject Matter

The internship is based on a real project consistent with the courses taught at the school and must be of a clearly (post)graduate level (equivalent to 5 years of post-secondary education). Furthermore, ENSAI requires there to be a high level of consistency between the content of the internship and the 3rd year specialization. This is why the content and terms for carrying out the internship (duration, objectives, expected results...) are subject to prior approval from the head of the concerned specialization, as well as the Office of Communications and Public Relations. The school may ask the student to go into more depth about the content of the internship during a recruitment interview. The intern's work must hinge on responding to the mission (the real project) described in the theme of the internship set out in the Agreement. The internship must also be the opportunity for the intern to put themselves in an authentic, professional situation.

Internship Report

During the course of the internship, the intern must write the internship report in accordance with the instructions provided by the Office of Communications and Public Relations and by the Office of Academic Affairs.

The report should be approximately between 40 and 50 pages in length (appendices not included). As is the case with the 2nd-year Applied Statistical Internship, in the conclusion section (1 to 2 pages) the intern must state to what extent the objectives were met that were the driving factors behind the intern's work and the answers that this work allowed for. It should also be indicated whether further work or progress could be made and to give indications for improvement.

The intern is also asked to put aside their more technical habits as a statistician in order to translate their results into pragmatic proposals, or recommendations for action, for the host organization; the aforementioned conclusion is aimed at the final recipients who, at this stage, will expect help from the intern in their decision-making.

Before leaving the host organization, the intern must submit a copy of the internship report to their internship supervisor.

A penalty will be applied for any late submissions.

Internship validation

On completion of the End of Studies Internship, the Internship Supervisor organizes an interview with the intern, at the end of which the former completes the evaluation grid provided by ENSAI. Furthermore, an oral defense of the internship report is organized for mid-November in front of a jury, consisting of a president, a vice president, and a permanent faculty member from the school. Validation of the internship takes into account the Internship Supervisor's evaluation (bonus or penalty) and the jury's decision from the oral defense.

The final grade is calculated based on the grades from both this End of Studies internship and the 2nd-year Applied Statistical Internship (i.e. adding the bonus or penalty obtained).