

## **Master "Statistics, Finance and Actuarial Science"**

### **Validation rules for Centrale-Supélec Students**

Centrale-Supélec students have the possibility of validating by equivalence certain courses of the M2 "Statistics, Finance and Actuarial Science", if they have validated certain courses given in their school

- the course " Stochastic models in finance " (Centrale-Supélec) will be the equivalent of " Pricing and hedging of financial derivatives " (M2 SFA)
- the course "Advanced stochastic models in finance" (Centrale-Supélec) will be the equivalent of "Numerical methods in financial engineering" (M2 SFA)
- the course "Stochastic Calculation" (Centrale-Supélec) will be the equivalent of "Stochastic Calculation" (M2 SFA)
- the "Machine learning" course (Centrale-Supélec) will be the equivalent of "Advanced statistical learning" (M2 SFA).
- the "Projet de mention" (Centrale-Supélec) will be the equivalent of "Research projects" (M2 SFA, semesters 1 & 2)
- "Mathematical modelling of financial markets" (second year of Centrale-Supélec) will be the equivalent of "Financial products" (M2 SFA)

In addition, the M2 rule specifying that "at least one course must be validated per group of credits" (outside the core group of courses) will not apply. Thus, to obtain their diploma, Centrale-Supélec students will have to validate at least five courses in the "Fundamental Courses" group. Moreover, they must validate a sufficient number of courses chosen from the other groups or obtained by equivalence, to get at least 30 ECTS per semester.