APPLIED MATHEMATICS
STOCHASTIC MODELS IN FINANCE
QUANTITATIVE METHODS AND STATISTICAL OPTIMISATION
DATA SCIENCE
OPERATIONS RESEARCH

ALEXANDRE DAMOUR
PROMOTION 2013
DOUBLE DEGREE ENSIE – MASTER M2IF FINANCIAL ENGINEERING UNIVERSITY PARIS-SACLAY
CTO and co-founder of QuantCube Technology
This specialization taught me how to use my technical skills in order to start my own company.

MEHDI KACI
PROMOTION 2017
DOUBLE DEGREE ENSIE – MASTER MPR0 OPERATIONAL RESEARCH UNIVERSITY OF PARIS-SACLAY
Optimisation Engineer at EURODECISION
Today, I am an Optimisation Engineer, in mission at the Operations Research department of Air France.

JOBS OPPORTUNITIES
Data analyst
Risk manager
Operations research engineer
Quantitative analyst
Financial engineer
Statistics engineer

EXAMPLES OF INTERNSHIPS
Quantitative analyst assistant
Market risk analyst
Responsible for statistical studies - data mining
Machine learning
Structured products pricing officer
This specialization aims to form engineers with skills in three areas: computer science, probability and statistics, with their industrial and commercial applications (finance, insurance, data science, machine learning), and operations research. This two-year specialization starts from the 1st semester of the 2nd year (S3) with fundamental mathematics courses oriented towards applications. This first year is a double degree with the M1 of Applied Mathematics of Paris-Saclay University and it is a preparation for a last year of specialization, which is typically a double degree with a university M2. The lecturers come from academia as well as from companies with the aim to offer a complete professional education to the students.