



École des Ponts

ParisTech

Since 1747, the École des Ponts ParisTech has been training high-level engineers, future leaders and researchers able to tackle the challenges of their time.

To support the transition to a low-carbon economy, the Economics, Management and Finance (SEGF) Department of the École des Ponts ParisTech shall propose from September 2020 onwards a program dedicated to Sustainable and Green Finance during the 3rd year of the engineering program.



### Duration

2 semesters (from September to June): 1 semester of course-work, 1 semester for the internship

### Public

The program is entirely taught English. It caters for any students with an engineering background wishing to master the financing mechanisms of the energy transition and looking for rewarding opportunities in this field.

### Opportunities

The program positions you for a stellar career in

- > Banks, financial institutions and asset managers
- > International Organizations
- > Management Consultancy Firms
- > Companies involved in energy transition projects
- > Strategy department of large companies

# SUSTAINABLE AND GREEN FINANCE PROGRAM



## PROGRAMME'S OBJECTIVES

Lasting two semesters, this program prepares students to become **green finance specialists** who can contribute to the development of Green Finance within banks, international institutions and companies. The "Sustainable and Green Finance" program allows students:

- > To understand the **challenges of energy and ecological transition**, from the point of view of «physical» phenomena addressed by engineering sciences (climate, biodiversity, tc.) but also from an economic and financial point of view (carbon market, etc.).
- > To analyze the **different technical, economic and financial dimensions associated with the implementation of «green» projects** (and in particular the measurement of positive spin-offs associated with them).
- > To **measure and evaluate the risks associated with green projects**, at the project level and also at the macro-economic level.
- > To **master the standard financial framework** as well as the tools (green bonds, etc.) and the specific dimensions relating to green finance.

## COURSES

The program is articulated around a set of rigorous courses in engineering sciences, economics and finance, a cycle of conferences and a capstone project. The list of courses (provisional at this stage) is as follows:

Physics of climate change  
Life Cycle Assessment  
Climate Risk Assessment and Management  
Energy Economics  
Project finance  
Green Financing  
Green Regulation  
Credit Risk  
ESG Analysis  
Conferences  
Capstone Project

The year ends with a company project (with an internship contract) lasting between 17 weeks and 6 months.

## CONTACT

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