ParisTech
INSTITUT DES SCIENCES ET TECHNOLOGIES
PARIS INSTITUTE OF TECHNOLOGY

ENSTA ParisTech

Master of Science

Design, modeling and optimization of processes

advanced technologies - Specialty: management of innovation

Keywords: Chemical Engineering, simulation, agro-resources, energy, optimization, process development.

Program Language: French

Aims:

The Master gives a specialization in chemical engineering. It includes the presentation of main concepts but is mainly devoted to process technical management based on process simulation. This specialization an original characteristic of the training. Two options are present during the second year of the training. This allows the students to get a training that may conduct to the ability to optimize processes in the energy field or in the food processes.

However, the knowledge given during this training will allow the student to adapt easily to careers in other fields such as chemical industry, pharmacy, petrochemical etc.

The professional character of the Master is linked with the structure of the courses, the emphasis given to projects during the training, various commercial software used in major companies (Aspen+, Prosim, Prodesigner,…) being used during these projects, and, finally, the presence of numerous presentations made par engineers issued from industrial companies.

Main program Website

http://www.ensta.fr/Approfondir_sa_formation/Master_CMOP/