GRADUATE SCHOOL SOLAR ACADEMY

UNIVERSITÉ SAVOIE MONT BLANC

MASTER SOLAR ENERGY: ENGINEERING AND ECONOMICS

SoLEM - Solar Energy, Law, Economics and Management

Schools

- School of Engineering, Polytech Annecy-Chambery
- School of Business and Administration, IAE SMB
- School of Law, Faculté de Droit

IAE UNIVERSITÉ SAVOIE MONT BLANC

POLYTECH ANNECY-CHAMBÉRY

Advantages of training

Innovative introduction to engineering sciences, focusing on solar energy (highly growing sector of renewable energy) and on energy efficiency in building sector (responsible for over 40% of world primary energy consumption) will give a unique multidisciplinary education.
Excellence scholarships will be awarded to selected candidates, and funded by the Solar Academy Graduate School, in order to attract students with an excellent academic level and a real motivation.

Activity sectors

Administrative and support service activities | Specialised, scientific and technical service activities | Modelling activities |

Partner laboratories

IREGE
Centre Antoine Favre

Presentation

The Master program SoLEM: Solar Energy, Law, Economics and Management, is a highly innovative, new degree program preparing to tackle present and future challenges of the energy transition. It is a part of Solar Academy Graduate School recently awarded to University of Savoie Mont Blanc (USMB).

The Master SoLEM is a two-year full-time Master's degree, composed of 4 semesters representing a total of 120 ECTS (officially integrated in the European Bologna system of higher education).

Located on the Bourget-du-Lac Campus of INES (National Institute for Solar Energy), you will participate in high quality education and multidisciplinary projects, stimulating your creativity and entrepreneurial skills.

Objective

The core training, based on economics, management and law, provides knowledge on how to apply the main
tools of economic analysis and develop an in-depth understanding of the energy transition, including its relationship with public policies, industrial transformations, business models, legal concepts and tools specific to the renewable energy sector, in particular solar energy.

Courses are taught by international experts and highly recognized partners from national and international research institutions and industry as well as by academic staff of USMB.

Content

Core disciplinary courses will treat the following topics: Econometrics and Impact Studies, International Law, Modelling, Public Policies, Energy market, Energy transition, Subsidies and taxes, Uses and acceptability, Economic optimisation.
Specialisations courses include: Sustainable Development, Solar energy contracts, Urban planning, Energy use and energy efficiency (building sector), Solar Energy.
The courses are taught entirely in English. Foreign language courses, adapted to the needs of the students (English or FLE - French as a Foreign Language), will also be offered.
Teaching methods include courses and tutorials, but also participation in conferences and cross-cutting seminars, Summer Scholl, project-based learning, workshops and a research dissertation. A final internship, in the world of practice or a research institute, is mandatory for the last semester.




International

Disciplinary and international mobility, as well as immersion in an international research environment, are an integral part of the curriculum, bringing added value to students in terms of training and research. Grants for international mobility, awards for best projects as well as scholarships awarded for excellent academic results are available.

Scolarship

Excellence scholarships are awarded to selected candidates, and financed by the Solar Academy, in order to attract students with an excellent academic level and real motivation (more information on the website).

www.univ-smb.fr/solaracademy/

Internship

20 weeks minimum. International experience integrated into the training: teaching by international experts, possibility of internship or training semester abroad.

Continuing study

Ph.D. in Economics, Management, for solar energy deployment and energy efficiency,PhD in Energy Law within the Solar Academy Grduate Program or at a French or foreign university.

Requirement

The ESBC programrecruits students with a bachelor degree in Engineering, Physics, Sciences and Technologies or equivalent. A minimum of 180 ECTS credits is required.General knowledge of engineering sciences and physics of transfers is desirable. As well as a sufficient knowledge of English language.

Pratical information

- Master's degree M1 et M2
- 4 Semesters - 120 ECTS
- Hours taught: M1: 600
  M2: 300 + Internship
- Entry level BAC +3
- Courses in english
- Scolarships (4000€/an)
- Duration: September to june
- Place: Bourget-du-Lac
- Exceptional study environment
- Cost: 243€ + 92€ of CVEC

Master recruitment

Campus France : March, 22, individual oral interviews. March 31, admissions committee.
e-candidat : May, 22, individual oral interviews. June 03, admissions committee.
Scolarships : application on the Solar Academy website March/April)

Contact : Solar Academy - Université Savoie Mont Blanc
Bâtiment Hélios, 60, rue du lac Léman
73370 Le Bourget du Lac, France
Solar.academy@univ-smb.fr

TESTIMONY

Violet Law, a student with a background in energy engineering and public policy, with a bachelor in energy engineering from the School of Energy and Environment, City University, Hong Kong. "Solar energy has a lot of potential for us to study. The Solar academy is a perfect place to explore the topic ofsolar using an interdisciplinary approach.[...] we also need to make sense of economics and policy to ensure that the solar energy efficient and accurate solution for clean energy transition in the future."

CAREERS

The objective of the SoLEM Master program is to train future researchers and senior executives from public or private institutions and companies.

Firms from the energy sector, consultancy offices, government regulation offices as well as NGOs are interested in candidates with a dual set of skills, such as the ones you will develop in the SoLEM Master program.