Master Programme in Wind Power Project Management 2017/2018

As the global wind power industry grows in geographic distribution, project size and complexity, there is a corresponding need for professional managers to lead interdisciplinary wind power projects to successful completion. The Master Programme in Wind Power Project Management is designed to prepare students for professional careers in the global wind power industry, or for research studies in wind energy combining technology, management and social science. Join this programme to leave your positive footprint in a globalized and sustainable world.

The programme takes place in the World Heritage Town of Visby. Uppsala University Campus Gotland, situated on the island of Gotland, is a leader in the education of wind power project management.

ABOUT THE PROGRAMME

This Master’s programme is designed for those who wish to focus on the exciting interdisciplinary field of wind power project management. The study plan emphasizes applied knowledge through the frequent guest lectures provided by experts in different fields, by using the state of the art simulation and planning methods as well as excursions to windfarms and onto wind turbines.

Different aspects of these subjects are introduced at the beginning of the programme. In the first course management theory and skills are taught. These skills will be applied and practiced throughout the year. Courses in wind resource assessment and planning will include essential topics like wind resource assessment, energy estimations, planning and development, economics, community relations, the impact of environmental regulations and acceptance. These topics will be studied highlighting their role in the development and management of wind power projects.

The programme continues in the spring term with courses focusing on wind turbine technology and grid integration, and cover subjects such as wind turbine technology, operation and maintenance of wind farms and integration of wind power in the electrical grid, and the optimisation of wind farms. Knowledge acquired during the autumn term is to be applied in these courses.

Critical thinking, oral and writing skills are equal elements of professional competence and important parts of the curriculum. These skills are applied in a thesis course (15 credits) at the end of the spring term where you will independently conduct research and produce a thesis.
The programme is organised in a sequential path of thematic instruction in planning, project development and management of wind farm projects. Different aspects of these subjects are introduced at the beginning of the programme. As the programme is thematic you often study several aspects of wind power project development and management at the same time.

**Semester 1**
The Autumn term starts with a course in Wind Power Development and Management that provides the basic knowledge and skills in the field. This is followed by courses in Wind Resource Assessment and Planning for Wind Energy where the knowledge of meteorological, planning and permission prerequisites of wind power projects is acquired. This knowledge is applied in a real case project work.

**Semester 2**
In the Spring term, you will learn about integration of wind power, apply previously acquired knowledge with wind turbine technology, planning aspects and project management. In a project course all acquired knowledge is utilized for evaluation and optimisation of wind power projects. The term concludes with an individual thesis.

See an overview of the programme.
See detailed outline for courses within the programme.
The important network contacts that you will make during your studies will be a valuable resource for your future employment prospects. The job market is strongly international since methods and issues are similar in different parts of the world. Rapid development in the field of wind power project management means that the demand for competence is increasing internationally.

This all-English language programme has an interdisciplinary orientation to prepare students for global management positions across the wide spectrum of wind energy industry operating and investment interests, for example, wind farm operating companies, consulting firms, local and national governments, component manufacturing and supply chain companies, research institutions or others working with renewable energy and/or environmental balance issues.

Graduates with prior wind power or other industry employment experience may re-enter the work force with advanced management skills qualifying for senior project management positions. Graduates with this programme as their initial employment entry degree will have demonstrable knowledge relevant to wind farm project development and management as well as community relations. This is a powerful combination and the demand for that type of expertise is expected to increase within a ten-year period.

Your professional career may also be in scientific or technical research and development, as a scientific and/or technical advisor, consultant or project leader. The programme can also prepare you for PhD studies.

See statistics on programme alumni and what they do now.
MASTER PROGRAMME IN WIND POWER PROJECT MANAGEMENT

60 credits

Autumn 2017 100% Campus

Location: Visby

Application Deadline: 2016-01-15

Enrolment Code: UU-M1280

Language of Instruction: English

Requirements:

Academic requirements

A Bachelor's degree, equivalent to a Swedish Kandidatexamen, from an internationally recognised university. The main field of study must be engineering, science or social science.

Language requirements

All applicants need to verify English language proficiency. This is normally attested by an internationally recognised test such as TOEFL or IELTS with the following minimum scores:

- IELTS: an overall mark of 6.5 and no section below 5.5
- TOEFL: Paper-based: Score of 4.5 (scale 1–6) in written test and a total score of 575. Internet-based: Score of 20 (scale 0–30) in written test and a total score of 90
- Cambridge: CAE, CPE

Exemptions for students from certain countries.

Selection:

Students are selected based on:

- a total appraisal of quantity and quality of previous university studies; and
- a statement of purpose (1 page).

Fees:

If you are not a citizen of a European Union (EU) or European Economic Area (EEA) country, or Switzerland, you are required to pay application and tuition fees. Read more about fees.

Application Fee: SEK 900

Tuition fee, first semester: SEK 72500

Tuition fee, total: SEK 145000

CONTACT & MORE INFO

Department of Earth Sciences
Geocentrum, Villav. 16 752 36 Uppsala
Villav. 16, 752 36 UPPSALA
Fax: 018-471 2592

Liselotte Aldén liselotte.alden@geo.uu.se
Telephone: +46 498 10 83 64

Maria Klemm maria.klemm@geo.uu.se
Telephone: +46 498 10 83 74

For questions regarding admissions: Admissions Office
studentservice@uu.se
Telephone: +46 18 471 47 30

For general information about Master's studies at Uppsala University, please send an email to: masterprogrammes@uu.se