Study Program

"Wind Energy Systems"
Regulations for the study program 'Wind Energy Systems'
at the University of Kassel

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1. Structure/Purpose

The educational study program 'Wind Energy Systems' offers participation in four pilot modules from the Curriculum Online M.Sc. Wind Energy Systems. The pilot modules will be given in English and conducted online. The modules are spread over the winter semester 2013/14 and summer semester 2014 and can be completed with a certificate of attendance. These will be taken into account for the online M.Sc. Wind Energy Systems, which starts in the winter semester 2014/15.

2. Previous knowledge/Admission/Target group

The modules are based on the knowledge of graduates, who did a degree of higher education in either engineering or science.

It is recommended that those interested

1A. have a Bachelor's degree, diploma or equivalent degree with at least 180 Credits from a university in the Federal Republic of Germany or an equivalent university abroad in a technical or scientific study program in the subject fields Civil and Environmental Engineering, Mechanical Engineering, Electrical Engineering, Physics, or have completed a comparable technical study program

or

1B. have a Bachelor's degree, diploma or equivalent degree with at least 180 credits from a university in the Federal Republic of Germany or an equivalent university abroad in another program with basic subjects from the fields of mathematics, natural sciences and engineering and achieved at least 60 credits, of which at least 18 credits are in the field of mathematics (analysis, algebra)

and

2. can provide evidence for at least one year work experience after finishing the first degree of higher education

as well as

3. can prove language skills with level B 2 in English.

For a subsequent registration for the online M.Sc. Wind Energy Systems, the regulations and examination regulations of the online master's program Wind Energy System of the department Civic Engineering and Environmental Engineering of the University of Kassel, dated 31. January 2013, apply.
3. Fields of study/Modules

Four pilot modules will be offered. Two modules can be completed in the winter semester 2013/14 and two modules in the summer semester 2014.

<table>
<thead>
<tr>
<th>Winter semester 2013/14</th>
<th>Summer semester 2014</th>
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<tbody>
<tr>
<td>Linear Computational Structural Mechanics of Wind Energy Systems (6 credits)</td>
<td>Wind Energy Meteorology (6 credits)</td>
</tr>
<tr>
<td>Planning and Construction of Wind Farms (3 credits)</td>
<td>Energy Law (3 credits)</td>
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4. Program Layout

The study program 'Wind Energy Systems' is designed as an extra occupational advanced training for working people in the field of wind energy in Germany and abroad. In order to make the studies as time and location independent as possible for the working students, the pilot modules of the study program will be organised according to a 'blended learning' approach, i.e. periods of self-guided learning will be combined with online and internet based learning in such a way, that flexible and student-centered studying is possible. Therefore, the courses are divided into units and consist of various media forms such as recorded lectures, interactive learning modules and/or written study materials, as well as scientific project tasks and are to be completed at home. The study materials include contents, scripts and/or case studies presented by the lecturers. These study materials and recordings are available on the learning platform Moodle.

5. Recognition for the M.SC. Wind Energy Systems

Successfully passed modules and examinations of the study program 'Wind Energy Systems' will be acknowledged for the study program Online M.Sc. Wind Energy Systems, starting in the winter semester 2014/15. A module is passed when the module has been assessed with at least 'sufficient' 4.0. Prerequisite for the later recognition of passed modules for the course Online M.SC. Wind Energy Systems is the enrolment in the course Online M.SC. Wind Energy Systems at the University of Kassel.

6. Scope and nature of examinations

- In principle, the examinations are always carried out as module exams.
- Assessed assignments can be:
  - Written examination (approx. 15 minutes per credit)
  - Online-test (with subsequent online submission-colloquium - optional) (approximately 15 minutes per credit)
• Oral examination or online examination via Skype or similar (approx. 5 minutes per credit)
• Reports/written essays (with subsequent online submission-colloquium - optional) (approx. 3 pages per credit)
- The nature of the examination of a module or sub-module is set by the lecturer at the beginning of the course which the module examination is about. The examination will be set according to the framework of the regulations of the study and examination curriculum.
- For modules with 6 or more credits, multiple tests according to the assigned courses are possible.

7. Assessment of the examination

A module is passed when the module was assessed with at least 'sufficient' 4.0. For differentiated assessment of the examination results, interim values can be formed by raising or reducing individual grades by 0.03. The grades 0.7 and 4.3 are excluded. The module exams can consist of multiple tests (partial module examinations). If a module grade is based on several module examinations, the module grade will be calculated from the partial examination results. The grades for the individual examinations will be determined by the respective examiners.

8. Repetition of the examination

Academic assessments that were not passed successfully, can be repeated once. It is not possible, to repeat module exams that were passed.

9. Fees

For the participation in the four modules of the study program 'Wind Energy Systems' no administration fee will be charged per semester.

Kassel, the 5th November 2013

The dean of the Faculty of Civil Engineering and Environmental Engineering