

This Diploma Supplement was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. HOLDER OF THE QUALIFICATION

1.1 Family Name/1.2 First Name

1.3 Date, Place, Country of Birth

1.4 Student ID Number or Code

2. QUALIFICATION

2.1 Name of Qualification (full, abbreviated; in German language)

Bachelor of Engineering (B.Eng.)

Study program of the University of Oldenburg

Title Conferred (full, abbreviated; in German language)

German degree is not available.

2.2 Main Field(s) of Study

Engineering Physics

2.3 Institution Awarding the Qualification (in German language)

Carl von Ossietzky Universität Oldenburg

Status (Type / Control)

University / State Institution

2.4 Institution Administering Studies (in German language)

[same]

Status (Type / Control)

[same/same]

2.5 Language(s) of Instruction/Examination

German and English

3. LEVEL OF THE QUALIFICATION

3.1 Level

Graduate/first degree (three years), by research with thesis

3.2 Official Length of Program

3 years

3.3 Access Requirements

Access to this study program is given by the General Higher Education Entrance Qualification (HEEQ, Allgemeine Hochschulreife, Abitur) after 12 or 13 years of schooling, or specialized variants (Fachgebundene Hochschulreife), or foreign equivalents.

4. CONTENTS AND RESULTS GAINED

4.1 Mode of Study

Full-time

4.2 Program Requirements

An outstanding characteristic of the Engineering Physics program is the interdisciplinary symbiosis of theoretical and applied physics and engineering. During the first four semesters of the Bachelor's degree program students not only attend lectures on the fundamentals of physics and mathematics, but also lectures on engineering sciences. In this way students will quickly progress in science and technology. Another area of emphasis is the technical and industrial application of the knowledge which students acquire in Laboratory Projects from the second semester onwards. Working in small groups on professionally oriented problems, students are not only trained in scientific and engineering skills but also in doing team work. In their second semester students start to specialise in one of the following areas: "Laser Technology", "Biomedical Physics and Acoustics" or "Renewable Energy". The Engineering Physics program is internationally oriented: Most of the lectures are given in English; about half of those enrolled in this program come from abroad. Students are recommended to spend their fifth semester of studies at one of the many partner universities abroad. A nine-week internship in a company or in a research facility is required to complete the program. The final thesis, for the completion of which students are granted four months, can be done about a project at the university, at a research institute or in a company. The Bachelor of Engineering program in Engineering Physics aims to create a sound knowledge in physics and engineering subjects and thereby to enable students for a creative use of these skills

to provide students with thorough knowledge in their subject of specialisation

to enable students to apply the theoretical knowledge acquired in relevant contexts

to help students develop soft skills like social and communicative competencies

to prepare students for work in an international field

to meet the requirements set for admission to the Master's degree program

4.3 Program Details

See Transcript for list of courses and grades; and "Zeugnis" (Final Examination Certificate) for subjects offered in final examinations (written and oral), and topic of thesis, including evaluations.

4.4 Grading Scheme

The respective overall grades of the last six semesters (cohort) before the date of graduation serve as the basis for the calculation of the ECTS grade of a subject or a combination of subjects. An ECTS grade can only be determined if the cohort consists of at least 30 graduates.

ECTS-Grade: C

Grades are complemented by an ECTS grade: "A" the best 10 %, "B" the next 25 %, "C" the next 30 %, "D" the next 25 %, "E" the next 10 %.

4.5 Overall Classification (in original language)

gut

(based on averaged module examinations weighted by credit points.)

5. FUNCTION OF THE QUALIFICATION

5.1 Access to Further Study

Qualifies to apply for admission to a Master's degree program (courses and thesis research)

5.2 Professional Status

The Bachelor's degree certified by the "Bachelor-Urkunde" entitles the holder to the legally protected professional title "Bachelor of Engineering"

6. ADDITIONAL INFORMATION

6.1 Additional Information

No further information provided.

6.2 Further Information Sources

About the Carl von Ossietzky University of Oldenburg: <http://www.uni-oldenburg.de>

For national Information sources cf. Sect. 8

7. CERTIFICATION

This Diploma Supplement refers to the following original documents:

Bachelorurkunde: 13.05.2014

Prüfungszeugnis: 13.05.2014

Transcript of Records: 13.05.2014

Certification Date: 05 / 05 / 2015

(Official Stamp/Seal)

8. NATIONAL HIGHER EDUCATION SYSTEM

On the following pages the German higher education system is explained and further information on the different institutions offering higher education is provided.