# Examination Regulations (Statutes) of the NORDAKADEMIE University of Applied Sciences for the Bachelor's Degree Program International Engineering & Management (B.Eng.) from year 2025 onwards 11. March 2025

*NBl. HS MBWFK Schl.-H. Issue no. 02/2025, p. 22. Date of announcement on the NORDAKADEMIE homepage: 24. March 2025.*

Based on Section 76 (9) in conjunction with Section 52 of the Schleswig-Holstein Higher Education and University Hospital Act (Hochschulgesetz-HSG) in the version published on 5 February 2016 (GVOBl. Schl.-H. p. 39), last amended by Article 16 of the Act of 3 February 2022 (GVOBl. Schl.-H. p. 102), the following statutes are issued following a resolution by the Senate on 6 March 2025 and approval by the presidium of NORDAKADEMIE Hochschule der Wirtschaft - hereinafter referred to as NORDAKADEMIE - on 11. March 2025:

# I General Part

## § 1 Scope of Application

(1) These examination regulations apply to examinations taken as part of the dual degree program in International Engineering & Management (B.Eng.).

(2) The provisions of the Examination Procedure Regulations (EPR) shall take precedence over these Examination Regulations (ER).

## § 2 Admission Requirements

The admission requirements for this degree program are governed by the Enrollment Regulations (EO).

## § 3 Aims of the Degree Program

(1) The undergraduate degree program at NORDAKADEMIE prepares students for a professional career in an international environment as well as for further university studies. Students familiarize themselves with the scientific foundations and selected bodies of knowledge at the cutting edge of research and learn to understand them. They can apply this knowledge in their profession and develop new solutions to problems. They are enabled to think critically and act responsibly in a liberal, democratic and social constitutional state and develop their personality.

(2) The degree program teaches both engineering and economics content in order to enable students to develop cross-disciplinary solutions to problems. The engineering fundamentals integrate mechanical, electrotechnical/electronic and information technology knowledge in the sense of mechatronics; in application-orientated subject areas, this knowledge is placed in larger contexts. In the economics part of the program, students acquire knowledge and skills in business administration, economics and law. This enables graduates to prepare and implement decisions in all relevant areas of a company in various sectors and to monitor the success of the measures taken.

(3) The dual form of the degree program ensures an emphasis on application-oriented training on a scientific basis.

## § 4 Program Structure, Duration of Study and ECTS

(1) The degree program is divided into six six-month semesters, each of which includes a theoretical phase and a practical phase. The standard period of study is three years.

(2) The total number of ECTS credits (European Credit Transfer System) required to obtain the bachelor's degree is 180.

(3) The winter semester runs from 1 October to 31 March, the summer semester from 1 April to 30 September.

(4) The lecture-free periods during the semesters are used to provide the practical training content of the course in the partner companies. In addition, these periods are available for vacation.

(5) In the sixth semester, students write their bachelor's thesis.

### § 5 Study Contents

(1) The theoretical part of the degree program includes the scientifically based modules required to achieve the program's objectives. The scope of the individual modules and their timing in the degree program can be found in the curriculum of the Bachelor's degree program in International Engineering & Management (Appendix 1).

(2) Between the second and sixth semester, students complete a total of five theory/practice transfers, in line with the study plan. The topic of three transfers must be assigned to a technical module and the topic of two transfers to an economics module (Appendix 1).

## II Bachelor's Examination

### § 6 Examination and Study Achievements

(1) The bachelor's examination consists of course-related examinations and coursework (Appendix 1) and the bachelor's thesis in accordance with § 7.

(2) The duration of a module exam, which, if passed, awards 5 to 7 ECTS credits, is 90 minutes.

### § 7 Bachelor's Thesis

(1) The topic of the Bachelor's thesis will not be issued before the end of the lecture period of the fifth semester. It will only be issued once the 20 ECTS credits awarded for the transfer modules Theory/Practice 2 to 5 have been obtained by the candidates and all the module examinations scheduled in the curriculum (Appendix 1) up to and including the fourth semester have been passed.

(2) The Bachelor's thesis must be submitted no later than eight weeks after the topic has been issued.

(3) The topic of the bachelor's thesis should contain a problem of operational relevance, for which a solution is developed in the course of the work. The topic must be formulated in such a way that it can be successfully dealt with in 35 to 45 pages (letter).

### § 8 Degree and Overall Grade

(1) Upon passing the bachelor's examination, students are awarded the academic degree of ‘Bachelor of Engineering’, abbreviated to ‘B.Eng.’.

(2) The overall grade for the bachelor's examination is calculated in accordance with the provisions of § 27, paragraph 5 of the Examination Procedure Regulations (EPR). The module grades are weighted according to the number of ECTS credits earned by passing the respective module examination; the grade for the bachelor's thesis is weighted three times the number of ECTS credits earned with it.

## III Final Provisions

### § 9 Entry into Force

These examination regulations come into force on the day following their publication. They apply to students of the International Engineering & Management (B.Eng.) degree program who begin their degree program in 2025 or later.

NORDAKADEMIE

Elmshorn, 11. March 2025

Prof. Dr. Stefan Wiedmann

President

**Appendix**

NORDAKADEMIE
HOCHSCHULE DER WIRTSCHAFT

Appendix 1

| International Engineering & Managament<br>Bachelor of Engineering | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Semester** | **1** | **2** | **3** | **4** | **5** | **6** | |
| **Economics, Law and Social Sciences** | | | | | | | **45** |
| Introduction to Business Administration | **5** PF | | | | | | **5** |
| Business Mathematics | **5** E | | | | | | **5** |
| Financial Accounting | | **5** E | | | | | **5** |
| Cost Accounting | | | | | **5** E | | **5** |
| Managerial Accounting and Financial Management | | | | | | **5** E | **5** |
| Purchasing and Supply Chain Management | | | | | **5** E | | **5** |
| Marketing and Sales | | | | | **5** E | | **5** |
| Commercial Law and Ethics | | | | | **5** PF | | **5** |
| Business Application Systems | | | | | | **5** E | **5** |
| **Mathematics, Computer Science, Natural Sciences, Technology** | | | | | | | **55** |
| Mathematics for Engineers | **5** E | | | | | | **5** |
| Materials Technology | | | **5** E | | | | **5** |
| Thermo- and Hydrodynamics | | | **5** E | | | | **5** |
| Engineering Mechanics | | | **5** E | | | | **5** |
| Electrical Engineering incl. Lab. | | | **5** E | | | | **5** |
| Engines | | | **5** E | | | | **5** |
| Technical Basics of Information and Communication Technology | | | | **5** E | | | **5** |
| Control Engineering | | | | **5** E | | | **5** |
| Manufacturing and Automation incl. Lab. | | | | **5** E | | | **5** |
| Computer-aided Design (CAD) | | | | **5** P | | | **5** |
| Introduction to Programming | | | | | **5** P | | **5** |
| **Integration** | | | | | | | **25** |
| Fundamentals of Engineering | **5** E | | | | | | **5** |
| Systems Engineering: Life Cyle Design and Management | | **5** E | | | | | **5** |
| Data-driven Decision Making | | **5** E | | | | | **5** |
| Logistics, Operations Research | | **5** E | | | | | **5** |
| Production Management incl. Lab. | | | | **5** P | | | **5** |
| **Soft Skills und Languages** | | | | | | | **15** |
| Intercultural Communication | **5** TP | | | | | | **5** |
| Foreign Language | **5** OE | **5** OE | | | | | **10** |
| **Final Thesis** | | | | | | | |
| Bachelor's Thesis | | | | | | **15** B | **15** |
| **Work Placement** | | | | | | | |
| Theory-Practice Transfer | | **5** TPT | **5** TPT | **5** TPT | **5** TPT | **5** TPT | **25** |
| | **30** | **30** | **30** | **30** | **30** | **30** | **180** |

**Exam**
The earliest possible examination date is given.

| | | |
|---|---|---|
| E | = | written final exam |
| TP | = | Term paper |
| P | = | Project work |
| PF | = | Portfolio |
| B | = | Bachelor thesis |
| TPT | = | Theory-Practice Transfer paper (non-graded examination) |
| OE | = | Oral Exam (Presentation) |
| **5** | = | ECTS (European Credit Point System, 1CP = 30hours) |