Special part (B) of the Examination Regulations

for the Master's course

Business Intelligence and Data Analytics

at the University of Applied Sciences Emden/Leer

in the Faculty of Technology

Based on Section 1 (2) of the General Section for all master's degree programs at the University of Applied Sciences Emden/Leer (Part A MPO) in the version dated June 28th , 2022 (University Gazette Emden/Leer No. 113/2022, published on July 1st , 2022), last amended by Senate resolution of January 28th , 2025 (Announcement Sheet No. 151/2025, published on March 12th , 2025), the Faculty Council of Technology adopted the following 1st amendment to the examination regulations approved by the Presidium on October 27th , 2021(Announcement Sheet No. 101/2021, published on November 4th , 2021). This was approved by the Presidium on June 11th , 2025, and published in Announcement Sheet No. 156 on June 19th , 2025.

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§ 1 Scope of application

[1]This "Special Part of the Examination Regulations (Part B)" applies in conjunction with Part A MPO for the Master's program in Business Intelligence and Data Analytics in the Faculty of Technology at the University of Applied Sciences Emden/Leer.

§ 2 University degree

[1]After passing the Master's examination, the university awards the degree "Master of Engineering" (M.Eng.). [2]The University issues a certificate (Annex 2a), a certificate (Annex 3a) and a Diploma Supplement (Annex 4b). [3] Upon request, the student can receive a translation of the certificate (Annex 3b) and the transcript (Annex 2b) in English or the Diploma Supplement in German (Annex 4a).

§ 3 Program profile and admission requirements

(1) The full-, or part-time master program Business Intelligence and Data Analytics is a further education, more application-oriented program.

(2) Admission to the master's program in Business Intelligence and Data Analytics is open to students who meet the admission requirements and provide evidence of their qualification in accordance with the valid admission regulations for the program.

§ 4 Standard period of study and structure of the course of study

(1) The standard period of study for the Master's program in Business Intelligence and Data Analytics is three semesters full-time or five semesters part-time, including the Master's thesis and colloquium.

(2) [1]The program can also be completed on a part-time basis. [2]In part-time study, up to two-thirds of the modules scheduled for a semester can be taken. [3]Resits of registered and failed exams are not included in this calculation. [4]Resit obligations in accordance with the respective examination regulations remain unaffected.

(3) [3]A change from full-time to part-time study after acquiring a maximum of 30 credit points is not permitted.

(4) [1]The application for part-time study can be submitted up to one week before re-registration, or in the case of first-year students, up to the time of enrollment. [2]This application must specify the number of semesters for which the part-time reduction is to apply.

(5) [1]The continuing education master's program is structured in modules. [2]It comprises modules from the compulsory area and modules from the compulsory elective area. [3]The modules from the compulsory area comprise 45 credit points (ECTS). [4]The modules from the compulsory elective area comprise 15 credit points (ECTS). [5]In addition, there is the master's thesis with colloquium, which comprises 30 credit points.

(6) [1]The order of the modules is generally freely selectable; for individual courses the prerequisites specified in the module handbook apply.

(7) [1]In principle, all examinations and repeat examinations for all examination components of the compulsory and compulsory elective modules must be offered within the examination periods specified by the examination board. [2]The first repeat examination should be offered by the start of the courses in the following

semester within the deadline set for this purpose, regardless of whether the course is offered in the respective semester.

(8) 1Students who have acquired less than 210 credit points in their previous studies must acquire any missing credit points by means of achievements from other modules of the course of study and the Faculty of Engineering in accordance with the admission regulations (Ergänzungsstudium).

§ 5 Form and language of the course

(1) 1All courses and examinations are held in English.

(2) 1The module handbook lists the type, form and content of courses. 2If more than one type of course is listed for a course, students shall be notified of the decision on the form of the course by the second lesson of the semester and it shall always be effective for all participants. 3A course has a minimum attendance rate of 50%.

§ 6 Examinations

(1) 1Appendix 1 lists modules and courses of the study program. 2 The first examiner shall decide on the type of examination or combination of examination types to be used. 3The decision will be announced to students at the beginning of the semester.

(2) 1The subject of the examinations is determined by the content of the associated module, which is laid down in the module handbook. 2The module handbook is decided by the examination board and published throughout the university.

(3) 1There is no entitlement to the actual offering of all planned elective modules. 2Similarly, there is no entitlement to the offering of such courses if the number of participants is insufficient.

(4) 1Performances obtained from modules in accordance with § 4, section 4 (supplementary studies) are not included in the assessment of the final grade, but are shown separately by a certificate in accordance with Annex 5.

(5) 1Performances of studies will be assessed as "passed" or "not passed". 2These achievements are not included in the module grade or overall grade.

(6) 1The examination board shall consist of 5 members. 2It shall comprise 3 votes from the professors' group, 1 vote from the staff group, and 1 vote from the student group

§ 7 Compulsory and elective modules

(1)1In addition to compulsory modules, the curriculum contains elective modules that enable interdisciplinary studies in the fields of professionalization, non-technical fields, economics and technology. 2They can be selected from a list. 3The list will be published university-wide.

(2) 1The list in accordance with paragraph 1 shall be determined before the examination board, taking into account important developments in society, science, information technology and technology, and may be updated for each semester. 2An appropriate entry shall be made in the module handbook and published.

(3) 1The examination board may, on application, admit further elective modules. 2An appropriate entry in the module handbook must be made and published.

(4) 1The course of study includes compulsory participation in an individual mentoring program. 2 Details will be published at the beginning of each semester.

§ 8 Admission to the Master's thesis

(1) Students shall submit their application for admission to the master's thesis in writing to the Examination Board.

(2) Admission to the master's thesis is granted to students who have passed modules amounting to 60 credits and have participated in the mentoring program.

(3) The modules of the supplementary modules of study according to § 4 paragraph 4 must be passed, if applicable, for admission to the Master's thesis.

(4) $_1$Admission to the master's thesis can also be approved by the examination board upon application if a maximum of one required examination or course work has not yet been passed. $_2$It must be possible to take the examinations for the modules which have not been completed within one semester without impairing the master's thesis.

§ 9 Master's thesis and colloquium

(1) $_1$The master's thesis is completed within 5 months. $_2$The processing time can be extended once by a maximum of 1 month upon application to the examination board.

(2) $_1$The master's thesis must be submitted in writing to the Dean of Studies or to an office appointed by him or her in three bound copies and in digital form in a format specified by the first examiner. $_2$ The module "Master's thesis and colloquium" is concluded with a colloquium.

§ 10 Weighting of the modules and certificate

(1) All grades of the examination performances of the first two semesters, weighted with the factor 1.0, are included in the calculation of the overall grade.

(2) The grade of the master's thesis, weighted with a factor of 1.5, is included in the calculation of the overall grade.

(3) A certificate will be issued on application for supplementary modules.

§ 11 Entry into force

(1)$_1$These regulations shall enter into force after approval by the Presidential Board on the day following their publication in the Emden/Leer University Gazette.

Appendix 1 Module overview

General abbreviations:

CP	Credit Points
SWS	Semester hours per week

Abbreviations used for the form of the examination:

PL	Examination performance
SL	Academic achievement
H	Homework
K#	Exam with duration of # hours
M	Oral examination
R	Presentation
WP	Type of examination according to the elective compulsory module

Used abbreviations for the type of events:

MA	Master thesis with Colloquium

Module	Lecture	Lecture Form	Credit points	SWS	Exam type	Semester
Mandatory modules						
Technical mandatory modules						
Computer Sciences	Computer Sciences	PL	5	4	DV	1 / 2, 1- 4, WS
Machine Learning	Machine Learning	PL	5	4	H	1 / 2, 1- 4, WS
Data Management	Data Management	PL	5	4	K2	1 / 2, 1- 4, SS
Professionalization Mandatory Modules						
Introduction to Data Sciences	Introduction to Data Science	PL	5	4	H	1 / 2, 1- 4, SS
Communication + Culture	Communication + Culture	PL	5	4	H	1 / 2, 1- 4, SS
Mandatory Business Modules						
Controlling	Controlling	PL	5	4	K2	1 / 2, 1- 4, WS
Business Analytics	Business Analytics	PL	5	4	R	1 / 2, 1- 4, SS
Mandatory technical/ business studies modules						
Project T	Project T	PL	5	1	P	1 / 2, 1- 4, WS
Project B	Project B	PL	5	1	P	1 / 2, 1- 4, SS
Elective Modules						
Technical Elective Modules						
Data Security	Data Security	PL	5	4	H	1 / 2, 1- 4, WS/SS
Digitalization and Automation	Digitalization and Automation	PL	5	4	M	1 / 2, 1- 4, SS
Simulation of Production Systems	Simulation of Production Systems	PL	5	4	P	1 / 2, 1- 4, WS
Current Topic T	N.N.	PL	5	4	R	1 / 2, 1- 4, SS/WS
Elective Professionalization Modules						
Advanced Project Management	Advanced Project Management	PL	5	4	K2	1 / 2, 1- 4, SS/WS
Quality Management	Quality Management	PL	5	4	H	1 / 2, 1- 4, WS
Elective Business Modules						
Marketing	Marketing	PL	5	4	H	1 / 2, 1- 4, SS
ERP-Systems	ERP-Systems	PL	5	4	H, K1	1 / 2, 1- 4, WS
Current Topic B	N.N.	PL	5	4	PA	1 / 2, 1- 4, SS/WS
Master Thesis						
Master Thesis and Colloquium	Master Thesis	MA	28		S	3, 5, SS/WS
	Introduction to Scientific Working	SL	2	2	H	1 / 2, 1- 4, SS/WS
Total credits and SWS of the compulsory modules			**75**	**31**		
Total credits and SWS of the elective modules			**15***	**16**		
Total credits and SWS			**90**	**47**		

Anlage 2 Masterzeugnis

Anlage 2a Masterzeugnis in deutscher Sprache

Hochschule Emden/Leer
Fachbereich Technik

Zeugnis über die Masterprüfung

(Master of Engineering)

Frau / Herr[1].....

geboren am ..... in.....

hat 90 Kreditpunkte (ECTS) erworben und damit die Masterprüfung im Studiengang

Business Intelligence and Data Analytics mit der Gesamtnote .....(n,nn)[2] bestanden / mit Auszeichnung bestanden[3].

In den einzelnen Modulen wurden folgende Beurteilungen erzielt:

I. Pflichtmodule	Beurteilung[2]	Kreditpunkte[4]
.....[5]		
.....		
II. Wahlpflichtmodule		
.....[56]		
.....		
III. Die Masterarbeit mit Kolloquium über das Thema		30
.....		

Emden, den ....

(Datum) (Vorsitz der Prüfungskommission)

[1] Nicht Zutreffendes streichen
[2] Notenstufen: sehr gut, gut, befriedigend, ausreichend; bei der Gesamtnote wird die Note zusätzlich als Zahl mit zwei Nachkommastellen ausgewiesen.
[3] Nicht Zutreffendes streichen
[4] Anzahl der erworbenen Kreditpunkte eintragen
[5] Anerkannte außerhochschulische Leistung
[6] Bei den Modulen Project T und Project B wird der Titel des Projektes mit aufgeführt

(Siegel der Hochschule)

Anlage 2b **Masterzeugnis in englischer Sprache**

Translation

Hochschule Emden/Leer University of Applied Sciences Faculty of Technology

Final Examination Certificate
(Master of Engineering)

Mrs. / Mr. [7].....
born on ..... in .....

has acquired a total of 90 credits (ECTS) and passed the final examination in the course of studies of **Business Intelligence and Data Analytics** with the aggregate grade.....(n,nn)[8] / with honours[9].

In the individual subjects the following grades were achieved:

I. Mandatory Modules	**Grade[6]**	**Credits**
.....[10]		
.....		
II. Elective Modules		
.....[911]		
.....		
III. Masterthesis and colloquium on the topic		30
.....		

Emden, ...

[7] Delete as appropriate
[8] Gradation:very good, good, satisfactory, sufficient; the aggregate grade is rounded to two decimal places.
[9] Delete as appropriate
[10] Recognition of an extracurricular achievement

[11] For the modules Project T and Project B the title of the project is listed.

(Date)

(Signature of Administration)

(Seal of University)

Anlage 3 Masterurkunde

Anlage 3a Masterurkunde in deutscher Sprache

Hochschule Emden/Leer
Fachbereich Technik

Masterurkunde

Die Hochschule Emden/Leer, Fachbereich Technik, verleiht
mit dieser Urkunde

Frau / Herrn [12] ..... geboren
am ..... in .....

den

Hochschulgrad

Master of Engineering
(abgekürzt: M.Eng.),

nachdem sie / er[10] die Masterprüfung im Studiengang

Business Intelligence and Data Analytics

am ..... bestanden und insgesamt 90 Kreditpunkte (ECTS) erworben hat.

(Siegel der Hochschule)

Emden, den .....
.....
(Datum)

.....
(Dekanin / Dekan)[10]

....
(Vorsitz der Prüfungskommission)

[12] Nicht Zutreffendes streichen

Anlage 3b Masterurkunde in englischer Sprache

Hochschule Emden /Leer University of Applied Sciences Faculty of Technology

Master Certificate

With this certificate the Hochschule Emden/Leer, University of Applied Sciences, Faculty of Technology, confers upon

Mrs. / Mr.[13].....

born on ..... in .....

the academic degree of

Master of Engineering
(abbreviated: M.Eng.)

as she/he[11] passed the final examination in the course of studies of

Business Intelligence and Data Analytics on

..... and acquired a total of 90 credits (ECTS).

(Seal of University)

Emden, ...

(Date)

.....

(Signature of Administration)

[13] Delete asappropriate

Anlage 4

Anlage 4a Diploma Supplement in deutscher Sprache

University of Applied Sciences Emden/Leer

Diploma Supplement

Diese Diploma Supplement-Vorlage wurde von der Europäischen Kommission, dem Europarat und UNESCO/CEPES entwickelt. Das Diploma Supplement soll hinreichende Daten zur Verfügung stellen, die die internationale Transparenz und angemessene akademische und berufliche Anerkennung von Qualifikationen (Urkunden, Zeugnisse, Abschlüsse, Zertifikate, etc.) verbessern. Das Diploma Supplement beschreibt Eigenschaften, Stufe, Zusammenhang, Inhalte sowie Art des Abschlusses des Studiums, das von der in der Originalurkunde bezeichneten Person erfolgreich abgeschlossen wurde. Die Originalurkunde muss diesem Diploma Supplement beigefügt werden. Das Diploma Supplement sollte frei sein von jeglichen Werturteilen, Äquivalenzaussagen oder Empfehlungen zur Anerkennung. Es sollte Angaben in allen acht Abschnitten enthalten. Wenn keine Angaben gemacht werden, sollte dies durch eine Begründung erläutert werden.

1. ANGABEN ZUM INHABER/ZUR INHABERIN DER QUALIFIKATION

1.1 Familienname(n) / 1.2 Vorname(n)

.....

1.3 Geburtsdatum (TT/MM/JJJJ)

.....

1.4 Matrikelnummer oder Code zur Identifizierung des/der Studierenden (wenn vorhanden)

.....

2. ANGABEN ZUR QUALIFIKATION

2.1 Bezeichnung der Qualifikation und (wenn vorhanden) verliehener Grad (in der Originalsprache)

Master of Engineering (M.Eng.) **2.2 Hauptstudienfach oder -fächer für die Qualifikation**

Business Intelligence and Data Analytics

2.3 Name und Status (Typ/Trägerschaft) der Einrichtung, die die Qualifikation verliehen hat (in der Originalsprache)
Hochschule Emden/Leer

Fachbereich Technik am Studienort Emden

Hochschule / staatliche Hochschule

2.4 Name und Status (Typ/Trägerschaft) der Einrichtung (falls nicht mit 2.3 identisch), die den Studiengang durchgeführt hat (in der Originalsprache) wie 2.3

2.5 Im Unterricht / in der Prüfung verwendete Sprache(n)

Englisch

3. ANGABEN ZU EBENE UND ZEITDAUER DER QUALIFIKATION

3.1 Ebene der Qualifikation

Aufbaustudiengang / zweiter berufsqualifizierender Abschluss: Master

3.2 Offizielle Dauer des Studiums (Regelstudienzeit)

1,5 Jahre in Vollzeit bzw. 2,5 Jahre in Teilzeit

3.3 Zugangsvoraussetzung(en)

Bachelorabschluss in einem technischen oder naturwissenschaftlichen Studium und mindestens einjährige Berufserfahrung in Vollzeit. Detaillierte Informationen enthält die Zugangs- und Zulassungsordnung.

4. ANGABEN ZUM INHALT DES STUDIUMS UND ZU DEN ERZIELTEN ERGEBNISSEN 4.1

Studienform

Vollzeitstudium/ Teilzeitstudium

4.2 Lernergebnisse des Studiengangs

Der Masterstudiengang Business Intelligence and Data Analytics ist ein anwendungsorientierter Studiengang, der fundierte Kenntnisse unter anderem aus den Bereichen Optimierung, Algorithmik und Data Science vermittelt, aber auch aus den Bereichen der Programmier-und Softwarepraxis. Das Profil wird durch sehr gute Kommunikations- und Präsentationsfähigkeiten abgerundet.

Die Absolvent*innen verfügen über Analyse-, Design-, und Realisierungskompetenzen, so dass sie komplexe datenanalytische Probleme, beispielsweise auch für unternehmensinterne Kontexte analysieren und geeignete Lösungsansätze entwickeln können. Sie verfügen aber auch über methodische, analytische und strategische Kompetenzen, die es ihnen erlauben, aktuelle Forschungsergebnisse in ihren Wissensschatz kontinuierlich zu integrieren, und Transferkompetenzen zu etablieren, so dass sie in der Lage sind, ihr Wissen auf neue Sachverhalte zu übertragen und ihre Fähigkeiten auf verschiedene Situationen, auch berufspraktische Sachverhalte anzuwenden. Ergänzt werden ihre Kompetenzen durch kommunikative und vermittelnde Kompetenzen, die es den Absolventen ermöglichen an herausfordernden Schnittstellengebieten sowohl in Unternehmen als auch in der Forschung zu arbeiten. Insbesondere sind sie in der Lage in Teams erfolgreich zu arbeiten.

4.3 Einzelheiten zum Studiengang, individuell erworbene Leistungspunkte und erzielte Noten Siehe Modulkatalog (Anlage 1) und Zeugnis (Anlage 2) über die Masterprüfung des Studiengangs Business Intelligence and Data Analytics des Fachbereichs Technik / Abt. Maschinenbau der Hochschule Emden/Leer.

4.4 Notensystem und, wenn vorhanden, Notenspiegel

Die Hochschule Emden/Leer vergibt die Noten „sehr gut“, „gut“, „befriedigend“, „ausreichend“ und „nicht bestanden“.

Zusätzlich zur Gesamtnote auf dem Zeugnis wird in der Anlage zum Diploma Supplement eine „ECTSEinstufungstabelle“ gemäß ECTS User´s Guide dargestellt. Zu diesem Zweck werden die im jeweiligen Masterstudiengang vergebenen Gesamtnoten der Masterprüfung aus den vergangenen zwei Studienjahren erfasst und ihre zahlenmäßige sowie ihre prozentuale Verteilung auf die Notenstufen in einer ECTS-Einstufungstabelle dargestellt. Liegt innerhalb des Zweijahreszeitraums eine Gesamtzahl von weniger als 100 Absolventinnen oder Absolventen vor, wird die Notenverteilung der gesamten Abteilung zugrunde gelegt.

4.5 Gesamtnote (in Originalsprache)

Gesamtnote: „sehr gut“, „gut“, „befriedigend“, „ausreichend“, basierend auf

dem gewichteten Durchschnitt der Noten in den Prüfungsgebieten.

5. ANGABEN ZUR BERECHTIGUNG DER QUALIFIKATION

5.1 Zugang zu weiterführenden Studien

Der Masterabschluss berechtigt zur Promotion.

5.2 Zugang zu reglementierten Berufen (sofern zutreffend)

Der von der Hochschule Emden/Leer vergebene Masterabschlussberechtigt den Inhaber zum Führen des Akademischen Grades „Master of Engineering (M.Eng.)“. Er befähigt die Absolventin/den Absolventen zu qualifizierter Arbeit in Unternehmen und Behörden.

Dieser Masterabschluss befähigt die Absolventin/den Absolventen für den höheren Dienst.

6. WEITERE ANGABEN

6.1 Weitere Angaben

Allgemeiner Teil für alle Masterstudiengänge an der Hochschule Emden/Leer (Teil A MPO) in der Fassung vom XX.XX.XXXX (Verkündungsblatt XX/XXXX vom XX.XX.XXXX).

Besonderer Teil (Teil B) der Prüfungsordnung für den Masterstudiengang Business Intelligence and Data Analytics vom ..... (Verkündungsblatt xx/xxxx vom xx.xx.xxxx).

6.2 Weitere Informationsquellen

- Informationen über die Hochschule, den Fachbereich und den Studiengang: www.hs-emden-leer.de
- Weitere Informationsquellen über das nationale Hochschulsystem, siehe Abschnitt 8.
- Informationen über Studiengang: www.BusinessIntelligenceAndDataAnalytics.de

7. ZERTIFIZIERUNG DES DIPLOMA SUPPLEMENTS

Dieses Diploma Supplement nimmt Bezug auf folgende Original-Dokumente:

- Urkunde über die Verleihung des Grades vom [Datum]
- Prüfungszeugnis vom [Datum]
- Transkript vom [Datum]

Datum der Zertifizierung: ....

(Vorsitz der Prüfungskommission)

(Offizieller Stempel/Siegel)

8. ANGABEN ZUM NATIONALEN HOCHSCHULSYSTEM

Die Informationen über das nationale Hochschulsystem auf den folgenden Seiten geben Auskunft über die Qualifikation und den Status der Institution, die sie vergeben hat.

Anlage 4b **Diploma Supplement in englischer Sprache**

University of Applied Sciences Emden/Leer

Diploma Supplement

This Diploma Supplement model 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. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Family name(s) / 1.2 First name(s)

…….

1.3 Date of birth (dd/mm/yyyy)

…….

1.4 Student identification number or code

…….

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (if applicable) title conferred (in original language) Master of Engineering (M.Eng.) **2.2 Main field(s) of study for the qualification**

Business Intelligence and Data Analytics

2.3 Name and status of awarding institution (in original language)
Hochschule Emden/Leer

Fachbereich Technik am Studienort Emden

Hochschule / staatliche Hochschule

2.4 Name and status of institution (if different from 2.3) administering studies (in original language)

See 2.3

2.5 Language(s) of instruction/examination

English

3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION

3.1 Level of the qualification

Post-graduate master's degree / Second degree with thesis

3.2 Official duration of programme in credits and/or years

3 semesters in full-time; 5 semesters in part-time

3.3 Access requirement(s)
Bachelor's degree in a technical or scientific field and at least one year of full-time work experience. Detailed information can be found in the access and admission regulations (Zugangs- und Zulassungsordnung).

4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED

4.1 Mode of study

Full-time; part-time

4.2 Programme learning outcomes
The Master's programme in Business Intelligence and Data Analytics is an application-oriented programme that provides in-depth knowledge in the areas of optimisation, algorithms and data science, among others, but also in the areas of programming and software practice. The profile is rounded off by very good communication and presentation skills.

The graduates have analysis, design and implementation skills so that they can analyse complex data analytical problems and develop suitable solutions. However, they also have methodological, analytical and strategic competences, which allow them to continuously integrate current research results into their body of knowledge, and transfer competences, so that they are able to transfer their knowledge to new circumstances and apply their skills to various situations, including practical professional circumstances. Their competences are complemented by communicative and mediating competences, which enable graduates to work in interface areas both in companies and in research. In particular, they are able to work successfully in teams.

4.3 Programme details, individual credits gained and grades/marks obtained
See Module Catalog (Appendix 1) and Certificate (Appendix 2) on the Master's Examination of the Business Intelligence and Data Analytics program of the Department of Engineering / Dept. of Mechanical Engineering at Emden/Leer University of Applied Sciences**.**

4.4 Grading system and, if available, grade distribution table
The Hochschule Emden/Leer, University of Applied Sciences offers the following grades: very good, good, satisfactory, pass, fail.
Additionally, to the overall grade in the certificate, an “ECTS grading table” according to the ECTS User´s Guide will be shown on the Diploma Supplement. Therefore, in each Master course the grade of the previous two study-years will be recorded and their absolute and relative distribution will be

shown in the ECTS grading table. Should less than 100 students have graduated within the previous two study years, the distribution of the department or faculty will be shown instead.

4.5 Overall classification of the qualification
Gesamtnote: „sehr gut“, „gut“, „befriedigend“, „ausreichend“,
based on weighted average of grades in examination fields.

5. INFORMATION ON FUNCTION OF THE QUALIFICATION

5.1 Access to further study

Qualifies to apply for admission for PhD Programmes, corresponding to local admission requirements.

5.2 Access to a regulated profession (if applicable)
The master degree in this discipline entitles its holder to the academic degree “Master of Engineering (M.Eng.)”.

6. ADDITIONAL INFORMATION

6.1 Additional information
General part of the examination regulations for all master courses at the Hochschule Emden/Leer (Teil A MPO) of XX.XX.XXXX (announcement No. XX/XXXX of XX.XX.XXXX).

Specific part (B) of the examination regulations for the master course Business Intelligence and Data Anaytics of XX.XX.XXXX. (announcement No. xx/xxxx vom xx.xx.xxxx)

6.2 Further information sources

- On the institution: www.hs-emden-leer.de
- For national information sources see Sect. 8
- The degree programme: www.BusinessIntelligenceAndDataAnalytics.de

7. CERTIFICATION

This Diploma Supplement refers to the following original documents:

- Master Certificate (Masterurkunde), [date of issue]
- Final Examination Certificate (Zeugnis über die Masterprüfung), [date of issue]

Certification date: ....

Chairwoman/Chairman Examination Committee
(Official Stamp/Seal)

8. NATIONAL HIGHER EDUCATION SYSTEM

The information on the national higher education system on the following pages provides a context for the qualification and the type of higher education that awarded it.

Anlage 5 Leistungen im Ergänzungsstudium

Anlage 5a Leistungen im Ergänzungsstudium in deutscher Sprache

Hochschule Emden/Leer
Fachbereich Technik

Bescheinigung über Leistungen im Ergänzungsstudium des

Masterstudiengangs Business Intelligence and Data Analytics

Frau / Herr[14]
.....

geboren am ..... in

..... hat im Ergänzungsstudium des

Masterstudiengangs

Business Intelligence and Data Analytics die Anzahl von ....[15]Kreditpunkten (ECTS) erworben.

In den einzelnen Modulen wurden folgende Beurteilungen erzielt:

Modul	Beurteilung[16]	Kreditpunkte[1516]
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

[14] Nicht Zutreffendes streichen
[15] Anzahl der erworbenen Kreditpunkte eintragen
[16] Notenstufen: sehr gut, gut, befriedigend, ausreichend; bei der Gesamtnote wird die Note zusätzlich als Zahl mit zwei Nachkommastellen ausgewiesen.

Emden, den ....

(Datum) (Vorsitz der Prüfungskommission)

(Siegel der Hochschule)

Anlage 5b **Leistungen im Ergänzungsstudium in englischer Sprache**

HOCHSCHULE EMDEN/LEER
University of Applied Sciences
Faculty of Technology

Certificate

Mrs. / Mr[17] **.....**
born on ..... in .....

has acquired a total of ....[18]ECTS in the course of complementary studies of **Business Intelligence and Data Analytics** In the individual subjects the following grades were achieved:

Module	Grade[19]	ECTS
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

Emden, den ....
(Date) (Chairman of the Examination Committee)

(Seal of the University)

[17] Delete as appropriate
[18] Insert the sum of the credit points of all additional modules
[19] Gradation: excellent, very good, good, satisfactory, sufficient; the aggregate grade is rounded to two decimal places.