

**Registration of subject for master thesis -  
Master Artificial Intelligence for Smart Sensors and Actuators (SPO 2021)**

name and first name of student:

matriculation  
number:

semester:

mobile:

address:

first  
examiner:

**If the master thesis is supervised externally with a professor who is not working at DIT, this professor shall be appointed as examiner in advance by the board of examiners (written request to the board necessary!)**

name and address of company or institution where the thesis is carried out:

name of supervisor:

phone:

title of master thesis in **German & English** (title at the time of registration):

summary of the topic:

date of registration: \_\_\_\_\_

\*Issue date of the thesis topic

submission date: \_\_\_\_\_

\*completion period as of registration: 6 months.  
Please specify the latest date possible.

\_\_\_\_\_  
date, student (signature)

\_\_\_\_\_  
date, first examiner (signature)

**Distribution:**

1. student's signature + first examiner's signature
2. submission of the registration at TC Cham
3. copy for company, if necessary first examiner and student himself/herself

**submission of master thesis:**

1. The master thesis must be handed in by the deadline set at the TC Cham (hardcover edition and one electronic copy as a PDF file on CD)
2. CD and copy of the cover page for Centre of Studies shall be handed in at TC Cham as well
3. The forms "cover sheet" and "declaration" have to be included in the master thesis.

1) The student shall only fill in this registration form by computer. This registration form needs to be submitted immediately upon receiving the topic at the TC Cham.

2) The master thesis necessarily contains the German and English title at the time of registration.

**Presentation of the master thesis (master seminar)**  
**Master Artificial Intelligence for Smart Sensors and Actuators**

In accordance with the Study and Examination Regulations 2021 in force, in addition to the master thesis a presentation on the topic shall be conducted (master seminar).

name of the student: [redacted] matriculation no.: [redacted]

title of the master thesis / prestatation (executive summary):  
 [redacted]

filled in by student

Process:

1. Date and place of the presentation will be announced by the first examiner.
2. Candidates have to present their master thesis following the general scientific standards.
3. The presentation shall last approximately 10 minutes. After the presentation, the first and the second examiner ask questions about the topic for around 5 minutes. In total, 5 candidates can present their topic per block.
4. Upon successful presentation, this form will be submitted to the study centre by the first examiner.
5. The presentation, e.g. PowerPoint slides, needs to be handed in as a research paper to the first examiner for archiving purposes.
6. Any further details have to be discussed with the first examiner.

date of the colloquium: [redacted]

assessment of the seminar by the first examiner:  
 [redacted]

filled in by examiner / assessor:

Given the assessment above, the master student achieves the following overall mark: [redacted]

This results from the individual grades for the master thesis (22 ECTS) [redacted] and the master seminar (1 ECTS) [redacted].

To complete the master module, the student also has to absolve the seminar series "Career Start" (1 ECTS).

Deggendorf, [redacted]

\_\_\_\_\_  
 (signature: first examiner)

\_\_\_\_\_  
 (signature: second examiner / assessor)

\_\_\_\_\_  
 (name of first examiner in block letters)

\_\_\_\_\_  
 (name of second examiner in block letters)

The grade has been resolved by the board of examiners.

PK  
 Deggendorf, [redacted]

\_\_\_\_\_  
 signature: head of examination board

## Specific Instructions

for conducting the master thesis in conjunction with §8 and § 11 of the Examination Regulations of the higher education institutions in Bavaria (Rahmenprüfungsordnung für die Hochschulen in Bayern) and §11 General Examination Regulations of DIT (Allgemeine Rahmenprüfungsordnung der Technischen Hochschule Deggendorf), as ammended.

The master thesis shall be conducted following the guidelines of the RaPo and the APO of Deggendorf Institute of Technology. Furthermore, this course of study of the faculty NUW follows below-mentioned "specific provisions" by decision of the board of examiners:

1. The following copies shall be handed in at the Campus Cham **in due time**:

The master thesis shall be submitted to the study centre as a bound copy. The thesis remains with the Faculty of Applied Natural Sciences and Industrial Engineering (examiner). If necessary, a second copy shall be submitted to the library.

For the supervisor of the university: 1 bound copy with data carrier attached. CD/DVD needs to be labelled with name, matriculation number and topic)

For the study centre: 1 CD/DVD (labelled with name, matriculation number, topic and course of study) and 1 copy of the cover sheet of the master thesis bearing the title in German and English language; submission date will be recorded by the TC Cham

Possibly library: 1 bound copy (optional) needs to be agreed with the supervisor

2. The text has to be typed with a word processor using 1-1.5 line spacing, font size 11 – 12 points for the continuous text as well as one-sided, lettered pages. The thesis shall not exceed 80 pages. An edge distance of 3.0 cm on the left and 2.0 cm on the right is necessary.
3. The master thesis (including illustrations) needs to be submitted in its original or in original quality. The logo of the Deggendorf Institute of Technology is only allowed on the cover sheet and only in the given form. Header and footer may neither contain the logo of the university nor the logo of the company.
4. The thesis needs to include a complete register of the literature used, all received information and all other sources. Regarding the formal requirements, it is referred to: Lück, Wolfgang: *Technik des wissenschaftlichen Arbeitens*, 4. Auflage, Seite 10 ff. Differing to this, footnotes have to be carried out consecutively all over the document, not per page. Headlines shall not be underlined but written in bold letters.
5. The form "cover sheet" needs to be embedded within the first page of the master thesis. One copy of the cover sheet needs to be submitted to the study centre at TC Cham.
6. The student needs to declare that he / she has written the master thesis independently without external help and that he / she has not used any references or materials other than mentioned in the bibliography. The form "declaration" needs to be added on separate page (on the next page) following the cover sheet in the master thesis.
7. A declaration of consent for free-of-charge publication within the higher education sector shall be included if necessary.
8. The master seminar form needs to be submitted to the study centre upon successful presentation bearing all signatures. The submission is conducted by the first examiner.
9. Further details have to be discussed with the supervisor; insofar, deviations from the specific instructions might be possible. There is no deviation possible for the presentation of the master thesis.

## Requirements and deadlines for master theses

The legal basis can be found by following the links:

[Rahmenprüfungsordnung für Hochschulen in Bayern §8 \(3\), \(4\), §10 \(2\)](#)

[Allgemeine Prüfungsordnung der Technischen Hochschule Deggendorf §11 \(1\)](#)

[Study and examination regulations §9 \(2\), \(4\)](#)

### Prerequisite

In order to register for the master thesis, a minimum of 30 ECTS credit points must have been achieved.

### Work time frame

The deadline from the selection of the topic to the due date must be reasonable in accordance with the topic and amounts to six months.

### Deadline / Repeat-thesis deadline

In master studies the grade "sufficient", (grade 4.0) must be achieved by the end of the respective standard period of study.

Should students exceed this deadline by more than two semesters without meeting the above-mentioned requirement, the master thesis will be considered failed for the first time. (grade five due to deadline on first try)

### Addition to the exam regulations:

The examination commission of the faculty for natural sciences and engineering economics has decided not to restrict the deadline set in the general exam regulations guideline from the issuing to the submission of the master thesis.

Applications for extending the deadline or returning the topic are to be handed in to the examination commission in written two weeks before the deadline the latest. (§ 11 paragraph. 4 number 4 APO). Acceptable reasons are those which students have no control over and are either justified by the student or are due to the university.

### Basic regulation for the conduct of examinations

Should the master thesis have been graded with "insufficient" (grade 5.0), the thesis can be redone with a new topic. The redone master thesis must be registered six months after publication of the first grade the latest.

In bachelor and master studies, the minimum grade to be achieved by the end of the respective standard period of study in all end grades of exams, based upon which the passing of the bachelor's and master's thesis depends upon according to the university's exam regulations, as well as in the bachelor and master thesis is „sufficient" (grade 4.0). Should students exceed the respective standard period of study by more than two semesters without meeting the requirements of sentence 1, the bachelor and master thesis will be deemed failed for the first time.

The deadlines may be extended appropriately upon application (to the exam commission) should said deadlines be unable to be met due to pregnancy, raising of a child, illness or any other reason that cannot be accounted for.

# Master Thesis

Deggendorf Institute of Technology

Faculty of Applied Natural Sciences and Industrial Engineering

Master Artificial Intelligence for Smart Sensors and Actuators

German title

(translation in consultation with first examiner)

English title

Master thesis to obtain the academic degree:

Master of Engineering (M.Eng.)

submitted by: first name, name, place,  
matriculation number

first examiner: title, name

place, *date*

## Declaration

Name of the student:

Name of the first examiner:

title of the master thesis:

1. I hereby declare that I have written this master thesis independently. I have not submitted it for any other examination purposes. I have not used other references or material than mentioned in the bibliography and I have marked all literal and analogous citations.

Cham, (date) \_\_\_\_\_

signature of student: \_\_\_\_\_

2. I agree that my master thesis may be made available to a broader public by the DIT library. Therefore, I hand in a further bound copy of my master thesis.

yes

no

Cham, (date) \_\_\_\_\_

signature of student: \_\_\_\_\_

I declare and take the responsibility that I am the exclusive owner of all rights concerning the master thesis, including the right of disposal concerning drafts and attached illustrations, plans or similar and that no third party rights or claims or legal requirements will be made upon making this master thesis publicly available.

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To be filled in by the first examiner in the event that the author agrees with public accessibility of the master thesis:

Adding a copy of the master thesis into the stock of the library and lending the copy is:

approved

not approved

Cham, (date) \_\_\_\_\_

signature of first examiner: \_\_\_\_\_

## Confidential Disclosure agreement

between the

### **Deggendorf Institute of Technology**

Campus Cham

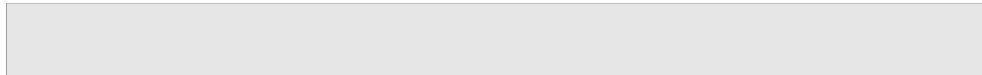
Badstraße 21

93413 Cham

Faculty Applied Natural Sciences and Industrial Engineering

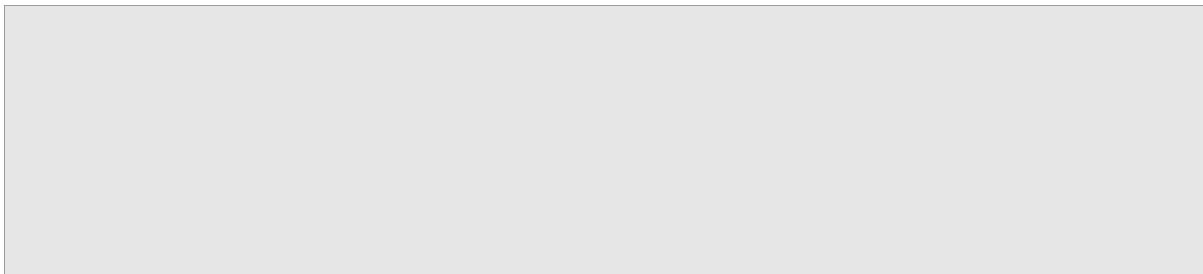
Major: Master Artificial Intelligence for Smart Sensors and Actuators

Prof.



(in the following "Deggendorf Institute of Technology")

and

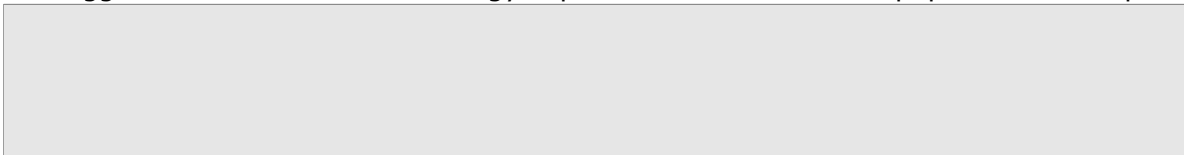


(in the following "Company")

(in the following singularly and jointly "Contractual Partner")

### **Preamble**

The Deggendorf Institute of Technology supervises an examination paper with the topic of



(in the following "examination paper"), in which, among other things, confidential information of the company is processed. Simultaneously, confidential information is also shared with the company in the context of supervision by the Technische Hochschule of Deggendorf.

Against this background, the contractual partners agree upon the following:

**1.** Confidential information in the sense of this agreement refers to all information received by the respective contractual partner with regards to the supervision of the exam which is marked confidential (of technical or business nature in particular, including all documents, drawings, blueprints, diagrams, plans, descriptions, specifications, data measurement results, calculations, models, parts, films, digital storage, experiences, practices, knowledge, know-how and unreleased intellectual property applications).

Third parties in the sense of this agreement are all persons except the contractual partners, the exam candidate and such people handling the supervision of the exam or the examination procedure and are obliged to confidentiality based on this agreement.

**2.** The contractual partners commit themselves to handle confidential information with confidentiality solely for the purpose of the supervision of the examination and neither to pass this information on to third parties nor make it accessible to third parties and to take any precautions to avoid access by third parties.

**3.** The obligations of confidentiality according to number 2 do not apply to such confidential information which verifiably

- is common knowledge or becomes common knowledge not to the receiving contractual partner's fault
- is already available to the receiving contractual partner prior to the delivery of said information or
- the receiving contractual partner has acquired through a third party allowed to distribute the confidential information or
- was/is developed by the receiving partner independent of confidential information or

Furthermore, obligation to confidentiality as in number 2 does not apply if the receiving contractual partner is obligated to publication due to legal regulations or a governmental or judicial order. In this regard it is to be noted that there is the possibility of the examination candidate having the grading be verified by a court, leading to the examination paper being passed on to the court as part of the administrative procedure.

**4.** All confidential information remains the property of the distributing contractual partner. The receiving contractual partner does not receive any rights in the scope of use beyond that of the supervision of the examination paper, such as usage and/or exploitation rights with the exception of number 6.

**5.** The contractual partners are to return the confidential information received upon request after the end of this agreement as well as to destroy any copies.

**6.** Upon completion of this agreement, the company grants the Deggendorf Institute of Technology a non-excluding, non-transmissible, complimentary, temporally and locally unlimited usage right for research and educational purposes, provided the author of the examination paper signed a respective agreement.

**7.** Should the Deggendorf Institute of Technology plan a publication during the duration of the agreement with regards to the examination paper, the company must first agree. The company will only decline due to important reasons. Should the company not decline a publication date within four weeks of receiving the publication text, it will be considered agreed upon.

**8.** This agreement is effective upon signing of both contractual partners. The obligations of the agreement end two years after becoming effective with exception for number 6.



**9.** This agreement is based upon the law of the Federal Republic of Germany. Deggendorf is considered the sole place of jurisdiction for all disputes arising from and with regards to this agreement.

**10.** Changes and addenda to this agreement require written form. The written form may only be waived in written.

**11.** Should a clause in this agreement be or become invalid, all other clauses remain in place.

Cham,  , the

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Signature supervising professor

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Signature company

Deggendorf Institute of Technology