

*Let's talk about:*

## ***Interdisciplinary Projects @in.tum***

### **Main target group:**

first year Master of Informatics students new to in.tum

Not familiar with the regulations such as registration, timeline, submission...?

Facing problems finding an IDP topic?

Looking for IDP examples?

# Let's talk about - IDP@in.tum

Information about IDP regulations and advice on how to complete an IDP successfully

Academic  
advisors

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[in.tum.de/en/academic-advising](https://in.tum.de/en/academic-advising)

Administrative  
expert

Susanne Kinzel

Practical advice

Alexander Beischl, Programcoordinator DEA

# Important to know

Mandatory for all Informatic  
Master students

Module number is [IN2334](#)

Worth: 16 credits

Recommendation: do it in 2nd or  
3rd semester

Registration anytime

# Important to know cont'd

## IDP consists of two parts

- a lecture (min 5 ECTS, from department of the supervisor, may not be on list of elective modules from master's informatics, no seminar, lab course, may be a bachelor's module )
- the project itself

## Grading:

- 30 % lecture grade
- 70 % project grade

## The project may be done in cooperation with

- a department of the university
- a company (e.g. a spin-off)

## The supervisor must be a professor

- from another department than Informatics or
- from the department of Informatics with an affiliate membership in another department  
<https://www.in.tum.de/en/the-department/people-chairs/affiliate-membership/>

# Registration Form (link)

Examination Board Informatics  
Department of Informatics  
Technical University Munich



## **Application for an Interdisciplinary Project in an Application Subject (IDP) for students of the master's program Informatics / Student Registration**

Please send back the form, signed at page 2:-

To the Examination Board Informatics  
Mrs. Kinzel  
Fakultät für Informatik der TUM  
SB-S-IN  
Boltzmannstraße 3  
D-85748 Garching bei München

In the event that the project has already been approved and that only students are registered, a copy of the authorization should be attached to this application; Point 1 does not have to be filled out again.

### 1. Application for the Interdisciplinary Project

Application Subject:

Title (German and English):

Supervisor:

Advisor:

a) The application must be accompanied by an approximately 2-page project description (as an **attachment**) with a timetable, the milestones to be worked on, and a description of the interrelation between the lecture, the accompanying exercise (if applicable) and the project work.

b) If possible, the IDP should be worked on by a team of 2-4 students. The project description should specify the tasks dedicated to the individual students.

Designated number of students:

c) Preparatory/accompanying lecture and exercise (if applicable) of 4 hours per week (4 SWS); please, always specify the corresponding module id:

Module-ID	Lecture with accompanying exercise (if applicable)	Lecturer	SWS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Total of SWS (usually 4 SWS):</b>			<input type="text"/>

	<b>Total of SWS (usually 4 SWS):</b> <input type="text"/>
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### d) Grading:

To calculate the overall grade of the IDP, the grade of the **lecture** is weighted **30 percent** and the grade of the **project work** (consisting of practical activity, documentation and presentation) **70 percent**. Please indicate here how much the **parts of the project work** should count to the grade of the project work (not to the overall grade):

Weights of the parts of the project work to calculate the grade of the project work	Percent
Practical activity	<input type="text"/> %
Documentation (at least 20 percent)	<input type="text"/> %
Presentation (at least 10 percent)	<input type="text"/> %
<b>Total</b>	<b>100 %</b>

**Note:** The workload for the project work (hours of attendance as well as self-study hours), excluding the workload for lecture and exercise, should be about 330 hours (11 Credits).

### 2. Registration of students

Students:

Matrikel Number	Last Name, First Name	Number of semesters	Signature
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Project start:

Anticipated project completion::

<input type="text"/> (place and date)	<input type="text"/> (signature of the supervisor)
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### Note:

Due to the fact that the IDP is part of the master's examination, the supervisor must be an officially appointed examiner for the application subject. Should the supervisor not be appointed, special

# Tips

Register in time – approval process takes about 1 month

Once approved it shows in your TUMOnline account

After approval lecture **cannot** be changed

IDP can be passed even if the lecture was not

In case you fail the exam for the lecture it can be repeated **once (!)**

# Tips cont'd

## IPDs in cooperation with companies

- The official supervisor of the IDP must always meet the criteria outlined above
- Promising, if the supervisors are somehow connected to the company, e.g., spin-off
- Very difficult if only you have the contact – why should the supervisor have an interest?
- Most important: Everyone involved (supervisor, advisor, company contact, student(s)) should meet (at least) once in person to make sure everybody is on the same page.

# Tips cont'd

How to find  
a suitable  
IDP?

- [Projects on the IDP web page](#)
- [Other departments TUM](#)
- [LMU](#)
- Contact potential advisors directly, who might know you from previous experiences

How to  
successfully  
master an  
IDP?

- Keep close contact to your advisor
- Adhere to milestones and project plan





***All the best for a successful IDP***