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

<table>
<thead>
<tr>
<th>Academic advisors</th>
<th>Dr. Sandra Kemler, Imme Proske, Sibylle Roden-Kinghorst, Vivija Simic</th>
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<tbody>
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<td><a href="in.tum.de/en/academic-advising">in.tum.de/en/academic-advising</a></td>
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<tr>
<td>Administrative expert</td>
<td>Susanne Kinzel</td>
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<td>Practical advice</td>
<td>Alexander Beischl, Programcoordinator DEA</td>
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</table>
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

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

To the Examination Board Informatics
Fakultät für Informatik der TUM
SB-IN
Boltzmannstraße 3
85748 Garching bei München

Please send back the form signed at page 2.

In the event that this project has already been approved and that only students are registered, a copy of the authorization should be attached to this application; Print 1 does not have to be filed 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) including a timetable, the milestones to be worked on, and a description of the interaction between the lecture, the accompanying exercise (if applicable) and the project work.

b) If possible, the IDP should be worked out by a team of 2-4 students. The project description should specify the tasks assigned 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:

<table>
<thead>
<tr>
<th>Module ID</th>
<th>Lecture with accompanying exercise (if applicable)</th>
<th>Lecturer</th>
<th>SWS</th>
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Total of SWS (usually 4 SWS):

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

<table>
<thead>
<tr>
<th>Part of the Project Work</th>
<th>Percent</th>
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<td>Practical activity</td>
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<td>Documentation</td>
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<td>Presentation</td>
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Total

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:

<table>
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<tr>
<th>Student ID</th>
<th>Last Name, First Name</th>
<th>Number of semesters</th>
<th>Signature</th>
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Project start:

Anticipated project completion:

(place and date) (signature of the supervisor)

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 (!)
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.

**IPDs in cooperation with companies**
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