Let's talk about:

**Interdisciplinary Projects @in.tum**

Mon, January 16\(^{\text{th}}\) 2017
12:15 – Interims 2

**Main target group:**
first year Master students new to in.tum

- Not familiar with the regulations such as registration, timeline, submission...?
- Facing problems finding an IDP topic?
- Asking for IDP examples?
- Who is the contact for my supervisor?

Advice and examples about the IDP settings and its accomplishment given by our

- academic advisors
- IDP administrators
- experienced students
Let’s talk about - IDP@in.tum

✓ Not familiar with the regulations such as registration, timeline, submission...?
✓ Facing problems finding an IDP topic?
✓ Asking for IDP examples?
✓ Who is the contact for my supervisor?

Advice and examples about the IDP settings and its accomplishment given by our
• academic advisor: Angelika Reiser
• IDP administrator: Maria Probst
• IDP supervisor: Maximilian Schreieck, Information Systems
• experienced students:
  • Moritz Sichert, Electrical Engineering
  • Muhammad Hamza Usmani, TUM Entrepreneurship Research Institute (TUM School of Management) & TUM startup company
  • Dai Yang, Mechanical Engineering
Formal aspects

• Registration form
  (http://www.in.tum.de/fileadmin/user_upload/Studiengaenge/MSc_Info/Antrag_IDP_EN_neu_01.pdf) (will be updated according to the new module description IN2334,

• Data needed
  • Application Area: department other than Informatics
  • Theme (German and English): Will be listed on transcript of records
  • Supervisor (Examiner, old): professor, member of another department
    • Some professors (http://www.in.tum.de/en/research/affiliate-membership.html) from Informatics also belong to other departments
  • Advisor: usually Ph.D. student
  • Lecture (usually with excercises):
    • usually 4 weekly hours per semester
    • usually from the chair / department of the professor, but no must
    • no courses out of the list of elective modules from master’s informatics
    • no seminar, lab course, …
    • can also be a bachelor’s course
  • Distribution of grade calculation lecture : project is fixed by 3:7
  • Project begin: can be any time
Formal aspects, cont.

• Registration form (cont):
  • Anticipated project end: only provisional, no application necessary for changes
  • Signature of supervisor (examiner) and student(s) – original, no scans
  • Project description:
    • at least 2 pages
    • parts of Informatics and Application Area
    • milestones for the project
    • connection between lecture and project
  • Group of students (max 5) can work on one IDP
    • Clearly distinguish the parts of the project the students work on
    • Grading of the IDP individually for the group members
    • Grading at different times possible (when someone, e.g., fails the lecture)
  • Credits
    • Will be entered as a whole (16) in the grade report only after complete completion
    • Grade for the exam for the lecture is usually entered under additional examinations, not yet counted for the studies
    • Grade calculation 3:7 (lecture:project)
Tips

• Register on time – it has to be approved
  • But registration only possible in the master’s program

• You see it in your TUMonline account once it is approved
  • Professor gets an approval letter together with a grade sheet

• Lecture cannot be changed once project is approved

• IDPs in cooperation with companies?
  ➢ The official supervisor of the IDP must always fulfill the criteria above
  ➢ Promising if the supervisors have contact, e.g., spin-off
  ➢ Very difficult if only you have contact – why should the supervisor have an interest?
  ➢ Most important: All persons involved (supervisor (examiner), advisor, company contact, student(s)) should meet (at least) once in person to clarify the work
Tips, cont.

• How-To IDP,
  [http://www.in.tum.de/fileadmin/user_upload/Studiengaenge/MSc_Info/How-To_IDP_Jan2017.pdf](http://www.in.tum.de/fileadmin/user_upload/Studiengaenge/MSc_Info/How-To_IDP_Jan2017.pdf)

• How to search for an IDP?
  • Projects on the web page
  • Direct contact

• How to accomplish an IDP?
  • Close contact to advisor
  • Milestones, project plan
  • Grade is weighted average of the lecture and the project
    • Pass is possible even if exam is failed
    • Especially exam for lecture can be repeated if failed
Contact persons

✓ Administrative advice
  • Anja Douglas & Maria Probst

✓ Tricky questions concerning approval
  • Christian Herzog (via Anja Douglas & Maria Probst)
    as representative of the examination board

✓ General advice
  • Academic advisors, Vivija Simić & Angelika Reiser
Concerns – and how to overcome them?

- Other departments not used to work with international students
- Workload
- Others underestimate the effort
- You underestimate the effort
- Level of support
- Scope of project
- Exploitation
- Deadline
- Different exam culture