Let’s talk about:

Interdisciplinary Projects @in.tum

Mon, June 11th 2017
4:00 – MI HS2

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

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Advice and examples about the IDP settings and its accomplishment given by our
• academic advisor: Angelika Reiser
• IDP advisors:
  • Benjamin Ueckermann + Kilian Röhner, Chair Scientific Computing (Prof. Bungartz), affiliated in Mathematics
  • Daniel Schosser, Start-Up Crashtest Security
• experienced students:
  • Michael Schwarz, Start-Up, TUM School of Management
  • Moritz Sichert, Electrical Engineering
Formal aspects

- Registration form:
  [www.in.tum.de/fileadmin/user_upload/Studiengaenge/MSc_Info/Antrag_IDP_EN.pdf](http://www.in.tum.de/fileadmin/user_upload/Studiengaenge/MSc_Info/Antrag_IDP_EN.pdf)
- Module description IN2334:
  [https://campus.tum.de/tumonline/WBMODHB.wbShowMHBReadOnly?pKnotenNr=1227810&pOrgNr=14189](https://campus.tum.de/tumonline/WBMODHB.wbShowMHBReadOnly?pKnotenNr=1227810&pOrgNr=14189)
- Data needed
  - Application Area: department other than Informatics
  - Theme (German and English): Will be listed on transcript of records
  - Supervisor: professor, member of another department
    - Some professors ([http://www.in.tum.de/en/research/affiliate-membership.html](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 exercises):
    - 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
    - always indicate corresponding module number(s)
  - 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 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 (usually 2-4) should 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
  • Supervisor 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, 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

• How to search for an IDP?
  • Projects on the IDP web page
  • Direct contact
  • Announcements on the screens (see below)

• 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, Angelika Reiser & Sibylle Roden-Kinghorst
Information

e.g.

Offene Abschlussarbeiten

Präsentation interessanter offener Themen für Bachelor/Master Theses & IDPs

Prof. Dr. Baumgarten, F13
Termin: Mittwoch, der 19.07.17 von 14.15 - 16.00 Uhr in Raum 001.05 (Hochbrück)
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