WELCOME TO TU DARMSTADT

M.Sc. Materials Science

Introductory Lecture WiSe23/24

Dr. Hannah Sonderfeld

Coordinator in the Dean‘s Office

This talk will be uploaded to the Materials Science webpages at **Master/Information for new Master students**

TECHNISCHE UNIVERSITÄT DARMSTADT

CATEGORIES OF STUDENTS

Six categories of students in the audience:

1. Bachelor‘s students in Materials Science (TU Da) who did not graduate yet
2. Bachelor‘s graduates in Materials Science (TU Da), now in Master‘s programme
3. International Incomings in Master‘s programme
4. National Incomings in Master‘s programme
5. Double degree Master students (FAME, AMIS, AMIR, Lyon, Tongji)
6. Exchange students (**not** in Master‘s programme; e.g. Erasmus)

This talk:

- Mainly geared to categories 1-4,
- Lesser to category 5,
- Even less to category 6

After talk:

- All students of categories 3-6 are encouraged to stay for Q&A session
- Presentation by student council

TECHNISCHE UNIVERSITÄT DARMSTADT

AGENDA

Part I

Framework and formalilties of the M.Sc. Materials Science

1. Suggested Schedule & Elective Courses
2. Academic Achievements (exam types, GPA, special course settings)
3. Support (mentoring programme, departmental contacts)
4. Labs and Internships (Industrial Internship, RL I & II, ARL)
5. Exchange Programmes

Part II

For students new to TU Darmstadt

6. Orientation on campus
7. TUCaN, Moodle
8. Exams (Registration and hints)
9. Further support (Mentoring, IT)

TECHNISCHE UNIVERSITÄT DARMSTADT

SUGGESTED SCHEDULE

1. Semester	***CP*** *SWS*	*2. Semester*	***CP*** *SWS*	*3. Semester (optional stay abroad)*	***CP*** *SWS*	*4. Semester*	***CP*** *SWS*
(1) Research Lab I	**SL 4** pass/fail Lab4	(2) Research Lab II	**SL 4** pass/fail Lab4	(3) Advanced Research Lab with Seminar	**SL 15** pass/fail Lab24+P2	(9) Master Thesis and Defense	**FP 30** graded
(4) Quantum Mechanics for Mat. Sci. or Micromechanics	**FP 6** graded L3+E1	(7) Theoretical Methods in Materials Science	**FP 6** graded L3+E1				
(5) Functional Materials	**FP 6** graded L4	(8) Advanced Characterization Methods of Materials Science	**FP 6** graded L3+E1				
(6) Surfaces and Interfaces	**FP 5** graded L3						
Elective Courses Materials Science			**FP 29** graded				
Elective Courses (not Materials Science)			**FP/SL 9** graded or pass/fail				
Orientation Day	**0**			Career Coaching	**0**		
Mentoring							
Sum CP	**30**	*Sum CP*	**30**	*Sum CP*	**30**	*Sum CP*	**30**

Elective Courses Materials Science	29	Choice of Quantum Mechanics or Micromechanics	6
		Mandatory Courses Materials Science	23
		Materials Science Labs	23
Elective Courses (not Materials Science)	9	Master Thesis	30
		Sum	**120**

FP = "Fachprüfung" = graded exam (max. 3 attempts, except thesis: max. 2 attempts)
SL = "Studienleistung" = ungraded study work
SLb = "Studienleistung benotet" = graded study work
L = lecture, E = exercises, P = presentation,
Lab = laboratory course, CP = credit points

→ More info: see M.Sc. Materials Science web page https://www.mawi.tu-darmstadt.de/studium/im_studium/master_mawi/index.en.jsp

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ELECTIVE COURSES QM/MM

1. Semester	***CP*** *SWS*	*2. Semester*	***CP*** *SWS*
(1) Research Lab I	**SL 4** pass/fail Lab4	(2) Research Lab II	**SL 4** pass/fail Lab4
(4) Quantum Mechanics for Mat. Sci. or Micromechanics	**FP 6** graded L3+E1	(7) Theoretical Methods in Materials Science	**FP 6** graded L3+E1
(5) Functional Materials	**FP 6** graded L4	(8) Advanced Characterization Methods of Materials Science	**FP 6** graded L3+E1
(6) Surfaces and Interfaces	**FP 5** graded L3		
Elective Courses Materials Science			
Elective Courses (not Materials Science)			
Orientation Day	**0**		
Mentoring			
Sum CP	**30**	*Sum CP*	**30**

QM / MM (6 CP = 6 ECTS)

Choice:

- Quantum Mechanics for Materials Science
or
- Micromechanics for Materials Science

The respective other module may be taken as an „Elective Course Materials Science," if desired.

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ELECTIVE COURSES MATERIALS SCIENCE [1/3]

1. Semester	***CP*** *SWS*	*2. Semester*	***CP*** *SWS*	*3. Semester (optional stay abroad)*	***CP*** *SWS*	*4. Semester*	***CP*** *SWS*
(1) Research Lab I	**SL 4** pass/fail Lab4	(2) Research Lab II	**SL 4** pass/fail Lab4	(3) Advanced Research Lab with Seminar	**SL 15** pass/fail Lab24+P2	(9) Master Thesis and Defense	**FP 30** graded
(4) Quantum Mechanics for Mat. Sci. or Micromechanics	**FP 6** graded L3+E1	(7) Theoretical Methods in Materials Science	**FP 6** graded L3+E1				
(5) Functional Materials	**FP 6** graded L4	(8) Advanced Characterization Methods of Materials Science	**FP 6** graded L3+E1				
(6) Surfaces and Interfaces	**FP 5** graded L3						
Elective Courses Materials Science			**FP 29** graded				
Elective Courses (not Materials Science)			**FP/SL 9** graded or pass/fail				
Orientation Day	**0**			Career Coaching	**0**		
Mentoring							
Sum CP	**30**	*Sum CP*	**30**	*Sum CP*	**30**	*Sum CP*	**30**

Elective Courses Materials Science	29	Choice of Quantum Mechanics or Micromechanics	6
		Mandatory Courses Materials Science	23
		Materials Science Labs	23
Elective Courses (not Materials Science)	9	Master Thesis	30
		Sum	**120**

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SL = "Studienleistung" = ungraded study work
SLb = "Studienleistung benotet" = graded study work
L = lecture, E = exercises, P = presentation,
Lab = laboratory course, CP = credit points

Choose Materials Science related courses (from the whole TU Course Catalogue) with an extent of **29 CP** in total.

→ More info: see M.Sc. Materials Science web page https://www.mawi.tu-darmstadt.de/studium/im_studium/master_mawi/index.en.jsp

Especially note the Info Sheet on the rules for the Elective Courses

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ELECTIVE COURSES MATERIALS SCIENCE [2/3]

Personal Schedule:

→ This domain concerns your individual **area of specialization**

→ Prepare your personal schedule, **discuss it with your mentor**, best right away (this or next week!)

→ Hand in personal list of modules **with mentor's signature** to the Office for Student Affairs, rm 79 → Scan is sufficient!

→ **Only** modules with numerical grade 1.0, 1.3, …, 4.0; 5.0 are acceptable!!
→ Modules with only pass/fail are **not** acceptable!!

Excel template for personal schedule available on Master homepage > Documents and forms

Possibilities:

- „Concepts in Materials Physics" (take only, if obligatory for you!) and „Seminar Research Topics in Materials Science"
- Courses from „M.Sc. Materials Science module guide" (check in TUCaN: the department may offer more courses than listed in the module guide)
- Materials Science related courses from outside the department (Physics, Chemistry, Mech. Eng., Electr. Eng., M.Sc. „Energy Science and Engineering"…)

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ELECTIVE COURSES MATERIALS SCIENCE [3/3]

→ Question to all international degree seeking students:
Did you get a departmental admission letter with „obligations“?
Often (not always):
- „Concepts in Materials Physics“
- „Seminar Research Topics in Materials Science“
- „Materials Science III: Real Crystals and their Properties“

- Check if „Concepts…“ course makes sense for you. If not, contact Prof. B.-X. Xu (chair of examination board)

- NO DEPARTMENTAL ADMISSION LETTER?
  → Mail to studienbuero@mawi.tu-darmstadt.de!

- Only take „Concepts in Materials Physics“ and/or „Mat Sci III“ if obligatory for you!

Note:

- The credit points of “Concepts” and “Seminar” count towards the ‘Elective Courses in Materials Science’ section.

- You have to pass these modules before you can register for your Master’s thesis. We thus recommend that you take those modules within the first year.

- Obligations („Auflagen“) from within the Bachelor‘s curriculum **do not count** for the Master‘s degree

- **Exception**: The obligation „Materials Science III“ from within the Bachelor‘s curriculum **may** count for the Master‘s degree → sign up for module 11-01-1040 “Defects in Crystalline Solids” (Additional Achievements” domain in TUCaN)

TECHNISCHE UNIVERSITÄT DARMSTADT

ELECTIVE COURSES

NOT MATERIALS SCIENCE [1/2]

1. Semester	***CP*** *SWS*	*2. Semester*	***CP*** *SWS*	*3. Semester (optional stay abroad)*	***CP*** *SWS*	*4. Semester*	***CP*** *SWS*
(1) Research Lab I	**SL 4** pass/fail Lab4	(2) Research Lab II	**SL 4** pass/fail Lab4	(3) Advanced Research Lab with Seminar	**SL 15** pass/fail Lab24+P2	(9) Master Thesis and Defense	**FP 30** graded
(4) Quantum Mechanics for Mat. Sci. or Micromechanics	**FP 6** graded L3+E1	(7) Theoretical Methods in Materials Science	**FP 6** graded L3+E1				
(5) Functional Materials	**FP 6** graded L4	(8) Advanced Characterization Methods of Materials Science	**FP 6** graded L3+E1				
(6) Surfaces and Interfaces	**FP 5** graded L3						
Elective Courses Materials Science			**FP 29** graded				
Elective Courses (not Materials Science)			**FP/SL 9** graded or pass/fail				
Orientation Day	**0**			Career Coaching	**0**		
Mentoring							
Sum CP	**30**	*Sum CP*	**30**	*Sum CP*	**30**	*Sum CP*	**30**

Elective Courses Materials Science	29	Choice of Quantum Mechanics or Micromechanics	6
		Mandatory Courses Materials Science	23
		Materials Science Labs	23
Elective Courses (not Materials Science)	9	Master Thesis	30
		Sum	**120**

FP = "Fachprüfung" = graded exam (max. 3 attempts, except thesis: max. 2 attempts)
SL = "Studienleistung" = ungraded study work
SLb = "Studienleistung benotet" = graded study work
L = lecture, E = exercises, P = presentation,
Lab = laboratory course, CP = credit points

"Studium Generale": Choose courses not related to Materials Science (from the whole TU Course Catalogue) with an extent of **9 CP** in total.

→ More info: see M.Sc. Materials Science web page https://www.mawi.tu-darmstadt.de/studium/im_studium/master_mawi/index.en.jsp

Especially note the Info Sheet on the rules for the Elective Courses

TECHNISCHE UNIVERSITÄT DARMSTADT

ELECTIVE COURSES
NOT MATERIALS SCIENCE [2/2]

- Graded (1.0, 1.3, …, 4.0; 5.0) or ungraded (pass/fail): if graded, grade does **not** count towards GPA
- Choose for yourself or discuss with your mentor

- May also be from natural sciences or engineering, but only if **not** Materials Science-related

- English language courses **only** acceptable if they go beyond the admission level for Master‘s programme
- Few courses in English language at TU Darmstadt

  → **International students**: Take German language courses:

  https://www.spz.tu-darmstadt.de/index.en.jsp

Deadline for registration is Wednesday, 18.10., at 12:00 noon (CEST)!

Approval:

- List of already approved courses, see:
  - PDF „*Approved Elective Modules for M.Sc. Materials Science*“ in the Documents&Forms section for M.Sc. students, and
  - PDF „Approved elective modules (German)“ in the Documents&Forms section for B.Sc. students;

  acceptable categories are
    - „2. Nicht-technisch-naturwissenschaftliche Wahlpflichtfächer“ and
    - „3. Wahlweise Technisch-naturwissenschaftliche oder Nicht-technisch-naturwissenschaftliche Wahlpflichtfächer (passend für beide Kategorien)“

→ For other than already approved choices: If uncertain, write Email to studienbuero@mawi.tu-darmstadt.de

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ADDITIONAL COURSES

„Additional Courses:“ ad libitum

- CP do **not** count towards degree, grades do **not** count towards final GPA
- Additional courses will be listed on a separate transcript

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TYPES OF EXAMS:
FP, SL, THESIS

(1) Research Lab I	**SL 4** pass/fail Lab4
(4) Quantum Mechanics for Mat. Sci. or Micromechanics	**FP 6** graded L3+E1
(5) Functional Materials	**FP 6** graded L4
(6) Surfaces and Interfaces	**FP 5** graded L3

FP = „Fachprüfung“:

- Graded exam (grades 1.0, 1.3, …, 4.0, 5.0; oral or written) with only three attempts
- After failing twice in same exam, talk to your mentor!
- If you and the teacher agree: third attempt of written exam may be taken as oral exam
- Once in your M.Sc.: after three failed written attempts: oral last-chance attempt („mündliche Ergänzungsprüfung“)

SL, SLb = „Studienleistung“ (SL: pass/fail, SLb: graded):

- Graded or ungraded study achievement without limitation regarding the number of attempts
- In Materials Science: Labs, Seminars, where you are automatically registered for „exams“:

  Lab: successfully carrying out all experiments

  Seminar: Successful seminar talk and seminar participation

Master‘s Thesis:

- Only two attempts
- Once: possibility to return subject without failed attempt: latest after 8 weeks
- Deadline after 26 weeks (ca. 1/2 year); you may apply for a justified extension of up to 13 weeks

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CALCULATION OF FINAL GPA

Grades weighted with CPs of their modules:

- Mandatory lectures
- Quantum Mechanics/Micromechanics
- Elective Courses Materials Science

Grade weighted with 1.5 ×CPs:

- Master‘s Thesis

No contribution to final GPA:

- Research Labs I & II, Advanced Research Lab
- Elective Courses (not Materials Science)
- Additional Courses

TECHNISCHE UNIVERSITÄT DARMSTADT

„VORGEZOGENE MASTER-LEISTUNGEN“ FROM B.SC.

(„EARLY MASTER‘S ACHIEVEMENTS“)

After enrolment into the Master‘s programme send Email to
studienbuero@mawi.tu-darmstadt.de

and ask for „Early Master‘s achievements“ to be moved from your Bachelor‘s to your Master‘s record.

Only relevant to students with B.Sc. from TU Darmstadt

TECHNISCHE UNIVERSITÄT DARMSTADT

FUNCTIONAL MATERIALS

Only relevant to students who graduated with an „old“ B.Sc. Materialwissenschaft from TU Darmstadt

New B.Sc. and M.Sc. study regulations were installed in WiSe 2015/16:

- „Functional Materials“ moved from B.Sc. to M.Sc. curriculum
- „Materials Engineering“ moved from M.Sc. to B.Sc. curriculum (now in German and called „Werkstoffherstellung und -verarbeitung“)

Consequences for B.Sc. graduates according to regulations from 2008:

- You passed „Funktions- und Konstruktionsmaterialien“ as part of your mandatory curriculum and are **not** allowed to take „Functional Materials“ for credit again.
  → Choose more elective course(s) instead: 35 CP instead of 29 CP!

  Encouraged option: „Werkstoffherstellung & –verarbeitung“ (5 CP)

Relevant to all Master’s students

→ **The above circumstances cause a technical issue in TUCaN**:

The required CPs as listed in TUCaN sum up to 114 CP, only.

Don‘t be fooled by this! You need a minimum of 120 CP for your Master‘s degree!

TECHNISCHE UNIVERSITÄT DARMSTADT

MENTORING PROGRAMME

- Choose mentor according to your research interests (but may be changed later).
- Register in TUCaN:
  - register in TUCaN for **module** „Discussion with Mentor – Master
  - register in TUCaN for **course** „ Discussion with Mentor – Master - <name of prof.>“
- Arrange for an appointment yourself!
- Prepare preliminary „personal schedule“ for discussion with mentor (see slide 7, Excel template available on Master‘s homepage)
- The sooner the appointment the better; latest at the end of the first semester:

→ **else no more registration in TUCaN possible!**

Mentoring: Personal advice by professor

↓

Up to 6 students per professor

TECHNISCHE UNIVERSITÄT DARMSTADT

POSSIBLE MENTORS

- Mr. Prof. K. Albe
- Mr. Prof. L. Alff
- Mr. Prof. W. Donner
- Mr. Prof. K. Durst
- Mr. Apl. Prof. Y. Genenko
- Mr. Prof. O. Gutfleisch
- Mr. Prof. J.P. Hofmann
- Mr. Prof. A. Klein
- Mr. Prof. P. Kirsch
- Mr. Prof. R. Krupke
- Mr. Prof. C. Kübel
- Mr. Ass.-Prof. L. Molina-Luna
- Mr. Prof. J. Rödel
- Mr. Prof. R. Stark
- Ms. Prof. M. E. Toimil-Molares
- Ms. Prof. A. Weidenkaff
- Ms. Prof. B. Xu
- Mr. Prof. H. Zhang

For a list of all research groups and links to their webpages see here:
https://www.mawi.tu-darmstadt.de/materialwissenschaft/fachgebiete_mawi/index.en.jsp

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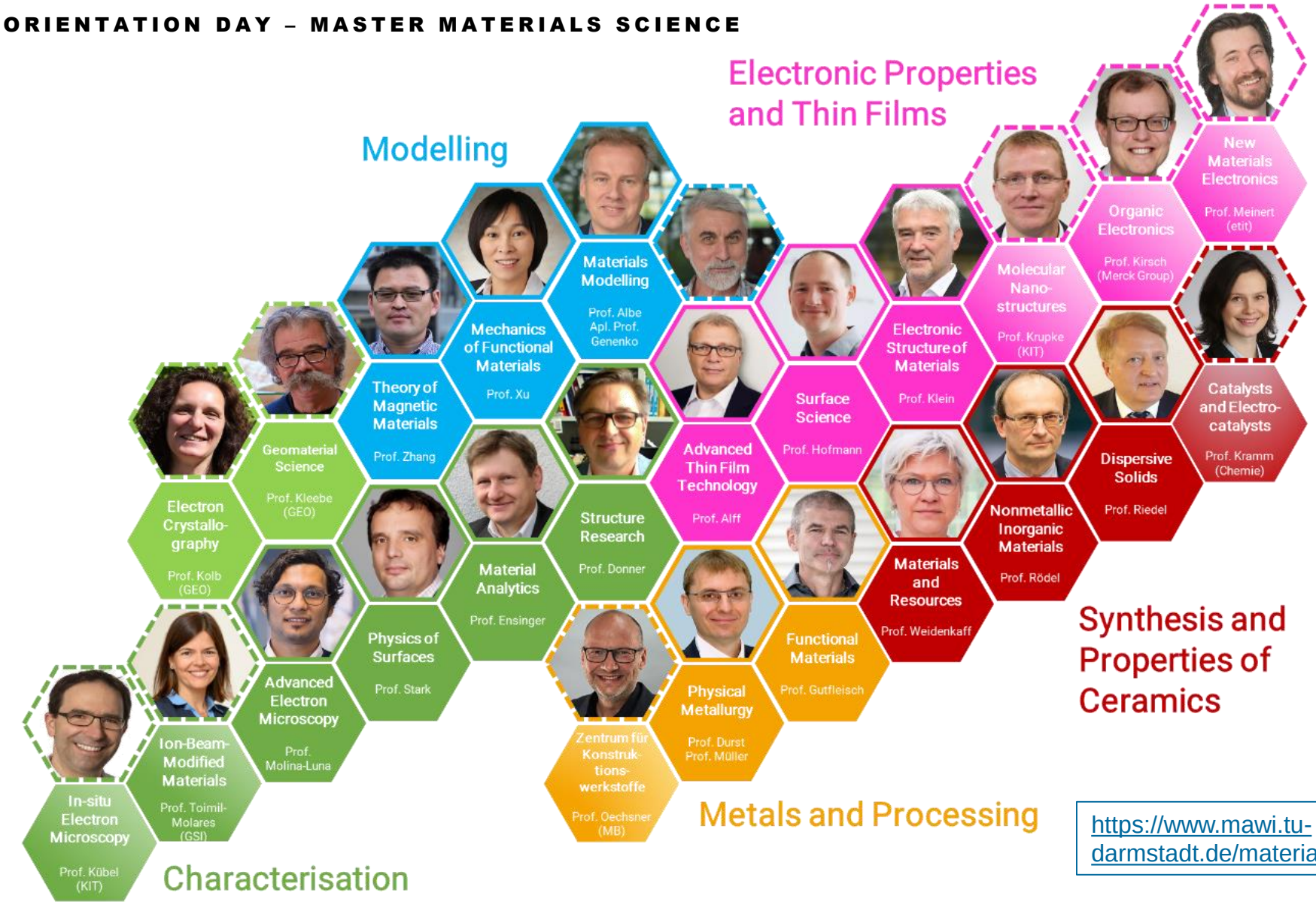


https://www.mawi.tu-darmstadt.de/materialwissenschaft/fachgebiete_mawi/index.en.jsp

TECHNISCHE UNIVERSITÄT DARMSTADT

Prof. Bai-Xiang Xu

Chair of examination board; Tongji double degree programme
Room L1|08/419, Phone 16-21906
pk@mawi.tu-darmstadt.de
Office hours: Wednesday 11:30 a.m.-12:30 noon

PD Dr. Boris Kastening

Study Coordinator Materials Science; Managing Director Dept.11
Room L2|01/78, Phone 16-22244

Carina Wolf

Office for Student Affairs (M.Sc.): exams, TUCaN
Room L2|01/78, Phone 16-22248

ADVICE FOR STUDY-RELATED QUESTIONS

+ your mentor!

Office for Student Affairs

Study organisation and study counselling, part-time-studies, studying with a child, recognition of credit points, registration or deregistration of exams, registration of final modules, transcript of records and certificates

Email: studienbuero@mawi.tu-darmstadt.de

In person: Best before lunchtime

TECHNISCHE UNIVERSITÄT DARMSTADT

FURTHER ADVICE AT OUR DEPARTMENT

Dr. Joachim Brötz

FAME, AMIS, AMIR double degree programmes

Room L2|01/209, Phone 16-21030, joachim.broetz@tu-darmstadt.de

Dr. Hannah Sonderfeld

International exchange & Master‘s students

Room L2|01/209, Phone 16-22245

Dr.-Ing. Anne Kikker

Public relations & Master‘s students

Room L2|01/208, Phone 22280

Ruben Bischler

Public relations & Master‘s students

Room L2|01/207, Phone 16-22019

+your mentor!

master@mawi.tu-darmstadt.de

TECHNISCHE UNIVERSITÄT DARMSTADT

LABS (PRAKTIKA)

- Industrial Lab → Internship / Work experience
- Research Lab I & II → Lab courses within the department
- Advanced Research Lab → Individual research project

TECHNISCHE UNIVERSITÄT DARMSTADT

INDUSTRIAL LAB / INTERNSHIP

- Formally prerequisite for admission to M.Sc., but may be finished until before starting Master‘s thesis
- if you already did it for the B.Sc., you‘re done

- Internship at company (or research institute outside TU Darmstadt)
- Duration of at least 6 weeks
- Related to materials science
- Internship report mandatory

Get approval beforehand !!!

- Apprenticeship or work experience in related areas is also fine (get approval!)
- Information sheet on Master homepage

- Approvals, reports, other questions: Dr. Enrico Bruder, phone 16-22556, e.bruder@phm.tu-darmstadt.de

TECHNISCHE UNIVERSITÄT DARMSTADT

RESEARCH LAB I

1. Semester	***CP*** *SWS*	*2. Semester*	***CP*** *SWS*
(1) Research Lab I	**SL 4** pass/fail Lab4	(2) Research Lab II	**SL 4** pass/fail Lab4

- SL, 4 CP
- Lab course during the semester covering **6 experiments**
- Introductory meeting with Dr.-Ing. Hannah Sonderfeld:

Wednesday, 18.10.2023
at 16:10 – 17:50 (CEST)
in L3|01, Lecture Hall A91

and on zoom for those who are not yet in Darmstadt:

https://tu-darmstadt.zoom-x.de/j/62716737246?pwd=byt2UXdTMUNUSFpZbHEyOXRVcnBMZz09
Meeting-ID: 627 1673 7246
Kenncode: 851188

Participation in the introductory meeting is mandatory!

- Questionnaire for grouping in moodle

TECHNISCHE UNIVERSITÄT DARMSTADT

ADVANCED RESEARCH LAB (ARL) AND MASTER'S THESIS

- Own research project
- ARL: SL, 15 CP; MT: FP, 30 CP

Boundary condition: **only one** of **ARL** and **Master's Thesis** may be carried out externally, **NOT BOTH**

"external" := not at the university

- i.e., at a company or external research institution
- exceptions:
  - GSI (@ Prof. Toimil-Molares)
  - MPA/IfW (@ Prof. Oechsner)
  - Fraunhofer IWKS (@ Prof. Weidenkaff)
  - KIT (@ Profs. Krupke or Kübel)

  are counted as "internal"

External ARL or Master's Thesis: no non-disclosure agreement will be signed! (Only if the advisor is willing to do so and only in German)

3. Semester (optional stay abroad)	***CP*** *SWS*	*4. Semester*	***CP*** *SWS*
(3) Advanced Research Lab with Seminar	**SL 15** pass/fail Lab24+P2	(9) Master Thesis and Defense	**FP 30** graded

Please note the guidelines for (external) Master's Theses in the Documents & Forms section for M.Sc. students!

TECHNISCHE UNIVERSITÄT DARMSTADT

INTERNATIONAL EXCHANGE PROGRAMMES

- Application period for places in **Europe** and **worldwide** with deadline for most applications: 30.11.2023, some earlier!
- All information and further links on our website:

  www.mawi.tu-darmstadt.de/studium/im_studium/auslandsstudium/index.en.jsp
- More information in RL I introductroy session or contact **Dr. Hannah Sonderfeld**
  auslandskoordination@mawi.tu-darmstadt.de

- publications for download from DAAD (in German):

  www.studieren-weltweit.de/publikationen

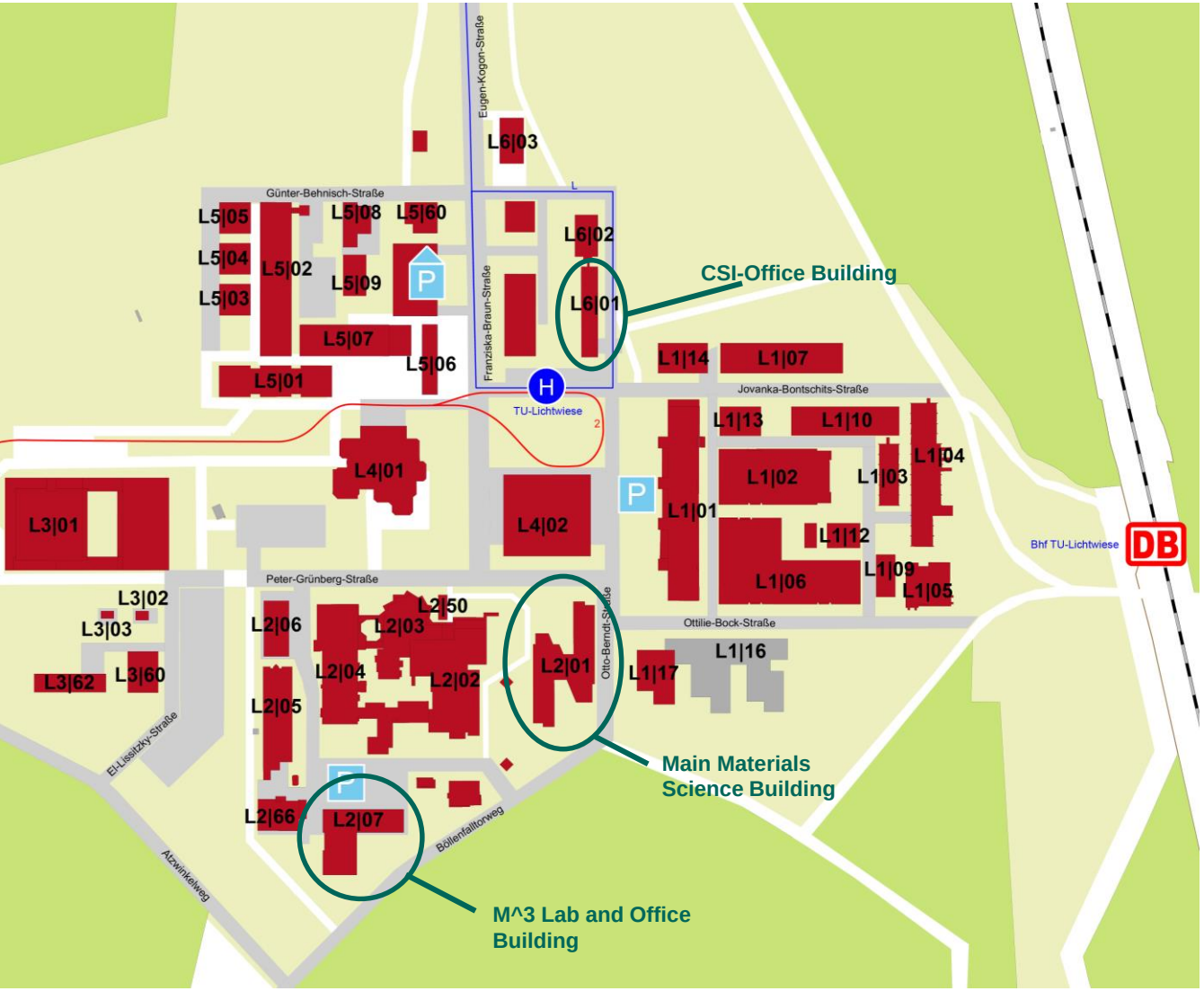
END OF PART I

GOOD LUCK!
AND: HAVE FUN!!

All students new to TU Darmstadt are encouraged to stay for **PART II**

- Further support (Mentoring, IT)
- Orientation on campus
- TUCaN
- Exams (Registration and hints)

TECHNISCHE UNIVERSITÄT DARMSTADT



BUILDINGS AT CAMPUS LICHTWIESE

Other important buidlings:

- Mensa L4|01 (canteen)
- HMZ L4|02 (library, lecture halls, seminar rooms)

TECHNISCHE UNIVERSITÄT DARMSTADT

MATERIALS SCIENCE LAB AND OFFICE BUILDING

- Office for Student Affairs
- Dean‘s office
- Student Body (Fachschaft)
- Seminar rooms
- Labs and offices

L2|01
Peter-Grünberg-Str. 2 *(formerly Alarich-Weiß-Str.)*

TECHNISCHE UNIVERSITÄT DARMSTADT

OFFICE BUILDING

L6|01

Otto-Berndt-Str. 3

Materials Science Offices on 2nd and 4th floor,
Some on Groundfloor and 3rd floor

TECHNISCHE UNIVERSITÄT DARMSTADT

LAB AND OFFICE BUILDING: M³

L2|07

Peter-Grünberg-Str. 16

(formerly Alarich-Weiß-Str.)

Large laboratory, offices and labs

TECHNISCHE UNIVERSITÄT DARMSTADT

TUCAN

TUCaN = central system for organization of studies and teaching

- Registration for **modules, courses** (within modules) und **exams**
- Check your **grades**

Important:

- activate your TU-ID (see letter with student ID card)
- configure your email address in TUCaN
  - Recommended: activate forwarding of system messages
- keep your phone number in TUCaN up to date (preferably mobile phone)

Further information on TUCaN:

1. https://www.tu-darmstadt.de/studieren/studierende_tu/studienorganisation_und_tucan/index.en.jsp
2. Flyers at the Office for Student Affairs
3. Fachschaft (= Materials Science student body)

In case of problems:
Don‘t Panic!

Ask fellow students, then the Office for Student Affairs (Ms. Wolf, PD Dr. Kastening)

or tucan@tu-darmstadt.de.

TECHNISCHE UNIVERSITÄT DARMSTADT

MOODLE

E-Learning Plattform

- Plattform for online course materials and activities
- Notification function for news and changes regarding your courses

Access

- Automatically registered for the course with TUCaN registration
- Log-in with TU-ID
- Courses can be found in your Dashboard

- Further information and log-in: https://moodle.tu-darmstadt.de/

In case of problems:

Ask fellow students or lecturer

For technical problems:
moodle@tu-darmstadt.de
+49 615 116-71130

TECHNISCHE UNIVERSITÄT DARMSTADT

EXAM REGISTRATION RULES

EXCEPTIONS ONLY IN TRULY EXCEPTIONAL CASES

- Exams with a collective date (written or oral):
  - register in TUCaN in time; for Mat. Sci. exams at least 8 calender days before!
  - other rules for exams of other departments; e.g. central reg. periods June 01.-30. / Nov. 15.-Dez. 15.
- Oral exams without collective date:
  - register in TUCaN and arrange for an appointment yourself!
- Changed your mind? Deregister at least 8 calender days before!

Problems in TUCaN?
→ Contact Office for Student Affairs BEFORE deadline!

- If you are sick *and* it is too late for deregistering:
  - ➢ Get physician‘s certificate that you were „prüfungsunfähig“=„unable to participate in an exam“ or „arbeitsunfähig“=„unable to work“ and submit it to the Office for Student Affairs **within three calendar days after the exam** (if this is Sat, Sun, holiday: next working day thereafter). Scan and email to studienbuero@mawi.tu-darmstadt.de works, too.
- Other important reasons *and* it is too late for deregistering:
  - ➢ Give notice to Office for Student Affairs and be prepared to provide evidence for such reasons

TECHNISCHE UNIVERSITÄT DARMSTADT

SOME HINTS FOR EXAMS

Preparing for exams:

- Participate in exercises, if offered
- Do not learn by heart, but try to understand
- Try to understand not only *how* things work, but *why*
- Learn in groups

Oral exam:

- Ask your professor for examples of typical questions
- Ask each other questions

Writing the exam:

- Given time limits are strict
- Read over all questions first
- Start with the easiest questions
- Adjust the level of detail of your answers to the time given

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SOFTWARE

- Link to software from HRZ: https://www.hrz.tu-darmstadt.de/services/it_services/campus_software/index.en.jsp
  - **Sophos antivirus** software for free with TU-ID via HRZ
  - **Microsoft Office 365** for free with TU-ID via HRZ

- For **QtiPlot** software see departmental webpage:

  Office for Student Affairs/Master → Documents and Forms → Software for Students

- In case of problems: Andreas Hönl, Stephan Diefenbach
  - Phone 16-22240
  - Room 204
  - Mr. Andreas Hönl (andreas.hoenl@tu-darmstadt.de)
  - Mr. Stephan Diefenbach (stephan.diefenbach@tu-darmstadt.de)

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MASTER‘S ORIENTATION AND PEER MENTORING

- Master’s Orientation Events
  - Organised by the “Fachschaft” = student body
  - Starts with Campus Tour right after this talk

- ISS programme of TU Darmstadt:
  https://www.tu-darmstadt.de/studieren/studierende_tu/internationale_studierende_1/index.en.jsp

  and Su²Ma – Mentoring workshops for and from Materials Science students:
  https://www.mawi.tu-darmstadt.de/studium/im_studium/master_mawi/su_ma_mentoring_programme/index.en.jsp

First Workshop about study organization on Tuesday, 17th Oct, 10:45 am via zoom

TECHNISCHE UNIVERSITÄT DARMSTADT

SUPPORT & ADVICE

TU Student Service

- for issues such as application, admission & enrolment, change of degree programme, re-/de-registration, semester fees, health insurance, students' certificate, certificates for official institutions, change of address
  - International Student Services
  - Student Service for national students

Studierendenwerk

- Student Life (e.g. financing, accommodation, legal advice, social counselling…)

Big Sister Mentoring

- programme designed to support international female students and female students with migration history to connect and network with each other
- Application until 31st Oct 2023
- https://www.tu-darmstadt.de/gleichstellungsbeauftragte/angebote_2/big_sister/index.en.jsp

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FINANCIAL SUPPORT

- Deutschlandstipendium
- Financial funding for international students in their final study phase

- HiWi-Jobs
  - Stellenwerk: https://www.stellenwerk.de/en/darmstadt/
  - In the department (e.g. with research group, as student tutor for lab courses, as mentor, in public relations): https://www.mawi.tu-darmstadt.de/materialwissenschaft/stellenangebote/index.en.jsp

Further information:
https://www.tu-darmstadt.de/studieren/studierende_tu/internationale_studierende_1/studienfinanzierung_und_stipendien_international/studienfinanzierung_stipendien/index.en.jsp

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FURTHER ACTIVITIES AT TU DARMSTADT

- University groups and societies

  https://www.tu-darmstadt.de/universitaet/organisation_verwaltung/studierendenschaft_hochschulgruppen/index.de.jsp

- University sports

  https://www.usz.tu-darmstadt.de/

- Library

  https://www.ulb.tu-darmstadt.de/die_bibliothek/index.de.jsp

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MATERIALS SCIENCE AT TU DARMSTADT

Good Luck!

Check the MaWi-Master‘s homepage:

https://www.mawi.tu-darmstadt.de/studium/im_studium/master_mawi/index.en.jsp

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