Welcome to TUM’s Physics Department

www.ph.tum.de
Dr. Martin Saß
Master's degree programs

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Wed. and Thu. 9 – 11 a.m.

Dr. Philipp Höffer von Loewenfeld
General courses' issues and soft skills

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Dr. Maria Eckholt
International students, going abroad

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Dr. Andreas Hauptner
Advanced Lab Course

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Tue. 2:30 – 4:00 pm
## Course Remarks CP Semester P/S

### Advanced Studies during the first year

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### Research Phase during the second year

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<td>Master's Thesis</td>
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P = Examination (Prüfungsleistung); S = Coursework (Studienleistung)
Mentor Counseling

- Choose a mentor within the professors of the Physics Department
- A mentor can help you putting together your study plan
- Take the counseling within the first two weeks of the lecture period
- The discussed study plan is not definitive, you can change your choice of courses later on
Theoretical Physics Courses

- Usually offered in the winter semester

- Elective compulsory (Wahlpflichtfach):
  - The choice has to be made before the first attempt of the exam of one of the possible courses
  - The choice can not be changed after taking the exam
Special Courses

- Get infos during the first hour of lectures and register in TUMonline to keep in touch with lecturers
- 20 ETCS assigned to your Master program, another 10 ECTS from the complementary offer
- To take an exam: register in TUMonline!!
- After the first year, you have to have accumulated at least 10 ECTS in special courses
- Make use of the mentor advice
Non-Physics Courses

- At least 8 ECTS points
- Elective courses, open catalog
- To choose from the department of mathematics, informatics, chemistry or engineering – **not** from management!
- Courses must belong to a Master program
- To take an **exam**: register in TUMonline!!!
Soft Skills

- At least 2 ECTS points
- Elective courses, open catalog
- To choose from e.g. the TUM School of Management, the Carl-von-Linde Academy or the Language Center
- To take an exam: register in TUMonline!!!
Advanced Lab Courses

www.ph.tum.de/academics/org/labs/fopra

- Groups of 3 students
- Normally 3 experiments per semester
- Learning outcomes:
  - read the relevant literature and operate **by yourself** a complex experimental setup, carrying out a scientific experiment
  - analyze the obtained data and write a scientific report which fulfils the fundamental requirements of a **scientific publication**
  - get in touch with different groups and institutes
Advanced Lab Courses

www.ph.tum.de/academics/org/labs/fopra

- Registration and team formation
  - Register yourself by October 12, 1 pm
  - Then, teams register for the individual experiments starting October 19, 12 o’clock

- Obligatory safety instructions
  - Moodle course

- Preliminary meeting
  - October 13 at 5:30 pm in HS 1
Research Phase

- One inseparable entity
  (only formally divided into parts)
- One year of research in a group of the department
- Find a supervisor during the first year
- Register at the beginning of the research phase
- Additional information event
Deadlines

- **Exam registration:**
  - winter semester: January 15
  - summer semester: June 30
  - possibly different dates in other departments

- **Credit limit for special courses:**
  min. 10 ECTS by the end of the 2nd semester

- **General credit limit:** ("not more than one year behind")
  - by the end of the 3rd semester: 30 ECTS
  - by the end of the 4th semester: 60 ECTS
  - by the end of the 5th semester: 85 ECTS
Meet new people!

- **TUM.PH international get-together**
  - Every second Wednesday of the month at 5:30 pm in the Cneipe
- **TalkTUM[iː:] language café**
- **TUM Language Center**
- **Student jobs** in research groups
- **Activities of TUMi**
- **Student associations**
- **ZHS sport facilities (Olympia)**
- **Theather, orchestra and chorus**

… talk to everyone at TUM!
International Day – MPI, Campus Garching

Music, dance, food and stories from around the globe!
TalkTUM[i:] Language Café

Every Wed., 3 - 5:30 pm
At MI Magistrale
TUMtandem

Chinese/German

French/German

Swedish/German

Spanish/German

www.sprachenzentrum.tum.de

Illustration: Angela Holzmann
TUM Language Center

English Stammtisch

Practice your English informally in relaxed and convivial surroundings. No need to register, simply turn up and join in.

If you’re at Campus Munich, join us in the Vorhoelzer Forum every Wednesday at 6 pm.

If you’re at Garching, join us in the Crazy Bean in the IAS every Tuesday from 12-1.30 pm.

We are looking forward to seeing you!
TUM English Writing Center

www.tum.de/writing-center
English Writing Center Services

- Free 45-minute consultations for BSc, MSc and PhD students, as well as staff
- 1 ECTS point for a block of 10 consultations
- Thesis Writers’ Workshops (worth 2 ECTS points)
- Writing resources tailored to student needs

www.tum.de/writing-center
What happens at a consultation?

You will:

• Present your text & main writing challenges

The consultant will:

• Suggest revisions & general ways to improve your writing

Together you will:

• Improve both the text & long-term writing skills
Become a Writing Fellow at the English Writing Center

The English Writing Center is looking to hire native or near-native English-speaking TUM students to work as Writing Fellows. Find more information about our service here:

www.tum.de/writing-center
Study Skills:
Study successfully with ProLehre

Cost-free Workshop
'Study Techniques – Study Smart'
09 November 2015, 9a.m. – 5p.m.
• find out your learning style
• make the best use of your learning time
• get to know strategies to learn more efficiently

Online Material via moodle

Information and workshop registration:
www.prolehre.tum.de/learning/international
TUM Mentoring
from Alumni for students

A mutual give and take

Aspects, from which mentees have strongly benefited:

**Mentees**
- New impulses (83%)
- Motivation (76%)
- Career guidance and planning (74%)

- Received feedback (71%)
- Support by self-assessment (70%)
- Increase of self-confidence (67%)
Alumni & Career
TUM. Ihr Netzwerk. Ein Leben lang.

A&C services for students and doctoral candidates:
- CV checks
- Walk-In
- Flyer “Working in Germany”
- Career Days
- Webinars
- Career guide (in English and German)
- TUM Job and Internship Portal
- Career Newsletter
- Workshops, Assessment Center
- Panel discussions, Career Lounges, etc.
Alumni & Career
TUM. Ihr Netzwerk. Ein Leben lang.

Career Days

One day per campus. All campuses.

Program:
- CV checks, application photos
- Speed dating with companies
- Webinars
- Panel discussions with Alumni

Preliminary dates:

  Garching: 11 November 2015
  Weihenstephan: 9 December 2015
  Munich: 13 January 2016
Career Webinars

German (WS: 20 + SS: 28):
• Mit Bewerbungsanschreiben überzeugen
• Lebensläufe individuell gestalten
• Potentialanalyse
• Selbstmarketing im Social Web
• Vorbereitung auf Vorstellungsgespräche
• Das Telefon- und Skype-Interview

English (WS: 5 + SS: 8):
• Your Application in Germany
• How to Prepare for a Job Interview
• Your Application in Germany as PhD Candidate
• Job Interviews in English-Speaking Countries
• Salary Negotiation in Germany
• Networking and Finding the Right Position
Alumni & Career
TUM. Ihr Netzwerk. Ein Leben lang.

www.together.tum.de/career

Veranstaltungen

BewerbungsCheck online - Sommersemester 2015

Datum: Mo. 30.03.2015 - Mi. 30.06.2015
Ort: Online
Veranstalter: Alumni & Career

Wenn Sie bereits unsere Webinare und Vorträge zum Erlernen der Bewerbungskompetenzen besucht haben, können Sie ihre Bewerbungsunterlagen im nächsten Schritt über den "BewerbungsCheck online" optimieren lassen. Am Montag bis 16 Uhr zugesandt, erhalten... Mehr

TUM Lautreff im Englischen Garten

Datum: Sa. 26.06.2015 - Sa. 10.10.2015
Ort: Treffpunkt am Milchhaus im Englischen Garten - Nähe der U-Bahn "Universität"
Veranstalter: Alumni & Career

Der Lautreff der TUM München im Englischen Garten bietet allen Freunden der Fitness eine gute Gelegenheit... Mehr

Kontakt

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alumniundcareer@tum.de

Ansprechpersonen

Unsere Büros

Veranstaltungen

BewerbungsCheck online - Sommersemester 2015
Datum: 30.03.2015
Ort: Online
Mehr

TUM Lautreff im Englischen Garten
Datum: 26.06.2015
Ort: Campus München
Mehr

Your Application in Germany - Workshop in English
Datum: 02.07.2015
Ort: Campus München
Mehr

www.together.tum.de/career
Questions?

- If you have problems... Let us know!

- and do not forget to register for the summer term, deadline: February 15
Enjoy Munich!