

ISRT: Kick-Off to the Semester

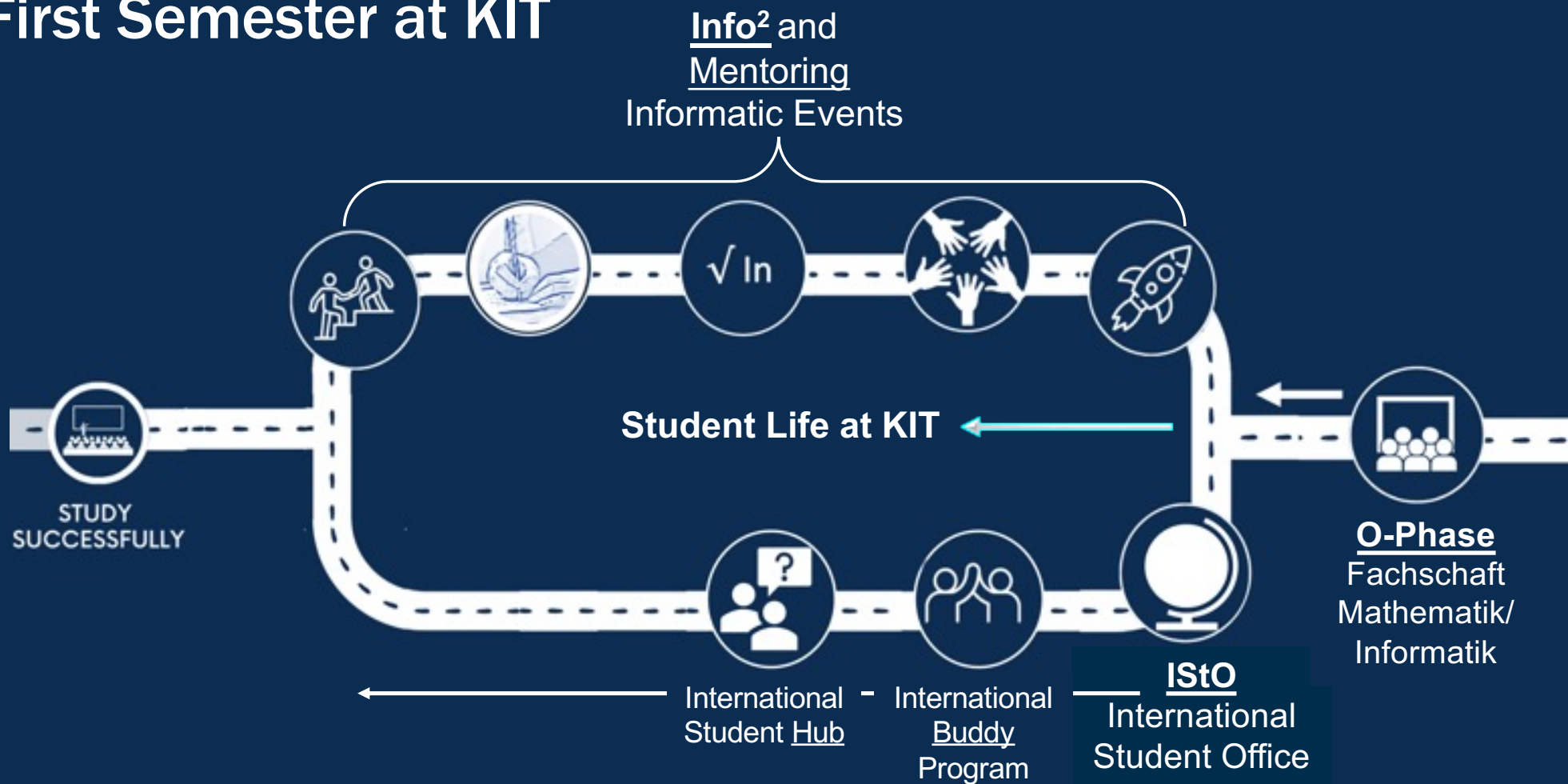
Christine Glaublitz
KIT Department of Informatics
Informatics Study Program Service (ISS)



1. Welcome & Who is participating
2. Overview to summer semester 2025
3. KIT Department of Informatics:
Support during your studies
4. Planning your current semester
5. Start of semester check list
6. Learning Agreements
7. Who and What: Points of contact at KIT
8. FSMI Study Program Information
Computer Science M.Sc. Slides

Overview to Summer semester 2025

First Semester at KIT



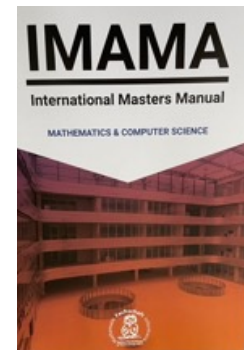
FSMI (Fachschaft Mathematik/ Informatik)

If you missed the FSMI O-Phase they have lots of helpful information on their website to help you get off to a good start. This includes:

- FAQ
- Publications: Must reads such as [Study Program Information Computer Science M.Sc.](#) A good explanation and overview to academic structure of major and [IMAMA \(International Master Mathematics\) Handbook](#)
- If A [Quick Start Guide Video](#) about:
 - Planning the semester:
 - Campus Management (CMS) Course Catalogue selecting and removing modules, calendar
 - ILIAS
 - Extra curricular activities and groups, language , soft skill, interdisciplinary, key qualifications or additional courses and credits, ect.
 - Everyday Life
 - Day and week structure, where to study, hangout and eat
 - What is Fachschaft

Structure of your studies

Area of Specialization 1 (min 15 ECTS)	Area of Specialization 2 (min 15 ECTS)	Elective Studies (6-49 ECTS)	Minor Studies (9-18 ECTS)	Interdisciplinary Qualifications (2-6 ECTS)
1	4 "Stammmodule"			
2	seminars, practical courses		Electrical Engineering, Mathematics, Economics, Law	HoC, FORUM, language centre
3	elective modules of free choice			
4	Master's thesis (30 ECTS)			



Quick Start Guide for International Students

In unserem Quick Start Guide haben wir einmal die wichtigsten Informationen für international Studierende zusammengefasst. Es ist als Zusatzmaterial zu den Fachbereichsinformationen gedacht.

Student Representative Body
Mathematics and Computer Science
at Karlsruhe Institute of Technology

Quick Start Guide for International Students computer science master

Summer Semester 2025



FSMI (Fachschaft Mathematik/ Informatik)



Further Information regarding FSMI

They are the informatics students representative body provides assistance and various services including [sells copies of old exams](#), [advising](#) answer queries and advice regarding the major, social activities and chance to [connect with other students](#) in your major ect...

Location: [Building 50.34](#), Room -124 (cellar)

Website <https://www.fsmi.org/en/offers/international-students/>

FAQ: <https://o-phase.com/en/ss25/faq/>

E-Mail: international@fsmi.org

KIT- Academic Calendar



Home Legals Data Protection Sitemap DE

Before Your Studies During Your Studies After Your Studies Services for Students and Prospective Students Services for KIT-Departments Amtliche Bekanntmachungen

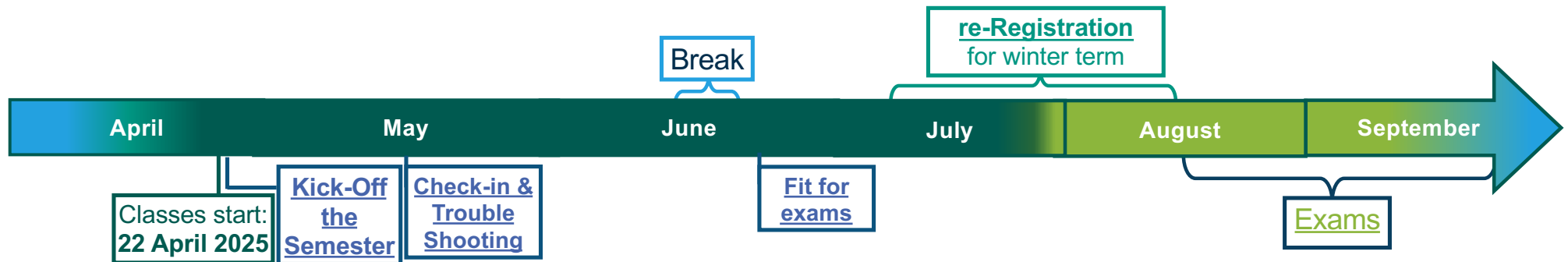
Business unit Studium und Lehre

Home > During Your Studies > Organizational Matters > Dates and Deadlines

Dates and Deadlines

	Semester duration	Lecture period	Recess
Summer term 2025	04-01-2025 to 09-30-2025	04-22-2025 to 08-02-2025	06-09-2025 to 06-14-2025
Winter term 2025/26	10-01-2025 to 03-31-2026	10-27-2025 to 02-21-2026	12-24-2025 to 01-06-2026
Summer term 2026	04-01-2026 to 09-30-2026	04-20-2026 to 08-01-2026	05-25-2026 to 05-30-2026
Winter term 2026/27	10-01-2026 to 03-31-2027	10-26-2026 to 02-20-2027	12-24-2026 to 01-06-2027

KIT- Academic Calendar



Info² Events including:

- International Student Round Tables: [Kick-Off the Semester](#), [Check-in & Trouble Shooting](#), ["Fit for exams and returning home"](#)
- [How 2 CV and How to Find a Job in Germany](#)

Mentoring Get-Togethers on: [29 April 2025](#) and [3 June 2025](#)

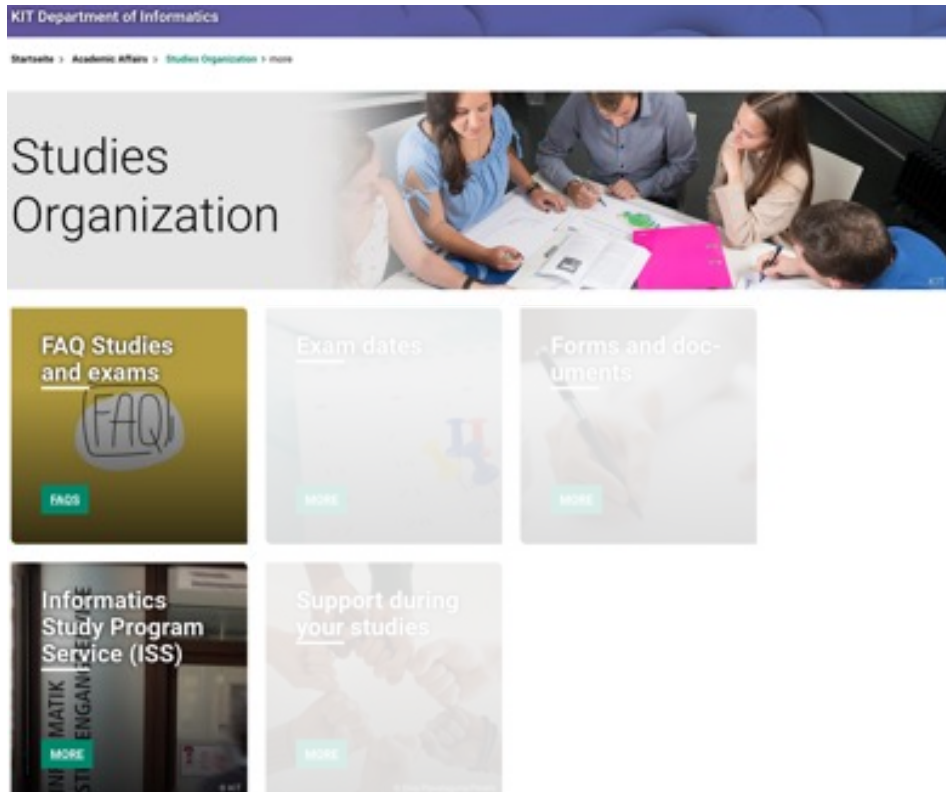
Break: Pentecost Week – is lecture-free week . It is this year from 9-13 June

re-Registration for Winter Semester is 1 July to 15 August

KIT Department of Informatics Support during your studies

KIT Department of Informatics

Studies Organization



Informatics Study Program Service (ISS)

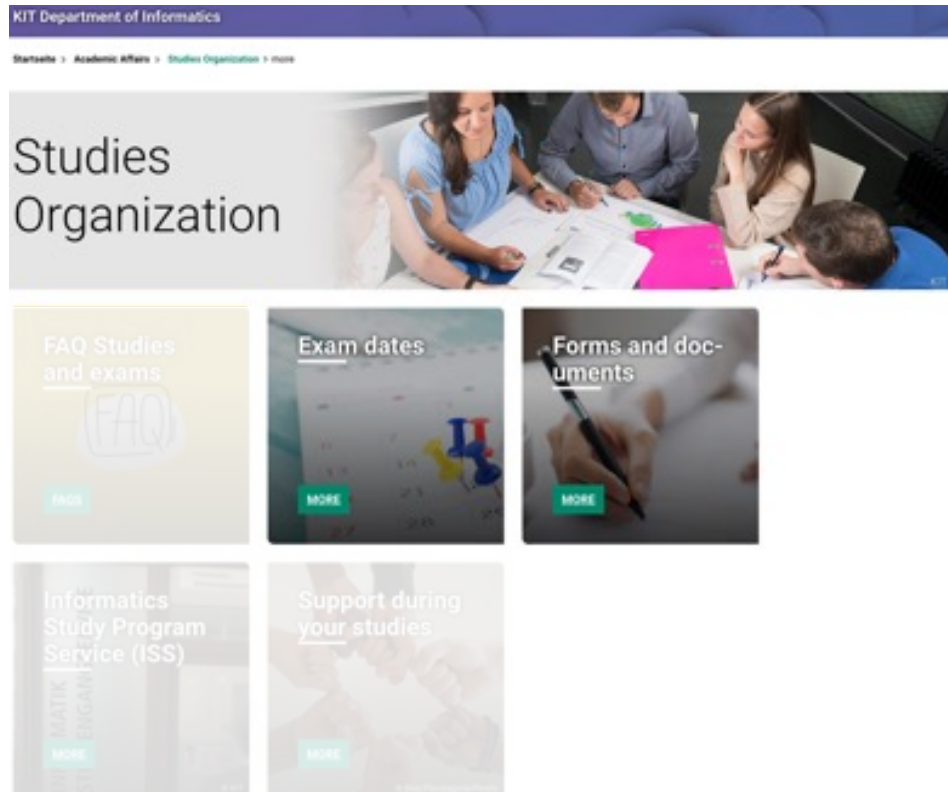
- Provides “official” information on your program of study
- Student Support, including Central study and examination counselling
- Administrative tasks in connection with the study programs offered
 - Processing of Applications and Certificates
 - Updating of Module Handbooks
 - Lectures Schedule
 - Exam Timetabling
 - Supervision of the examination boards and commissions as well as the

FAQs Studium und Prüfungen der KIT-Fakultät für Informatik

- Has a wealth of information related your processes and procedures in our department and should be consulted as an initial step to answering your questions

KIT Department of Informatics

Studies Organization



Exam dates

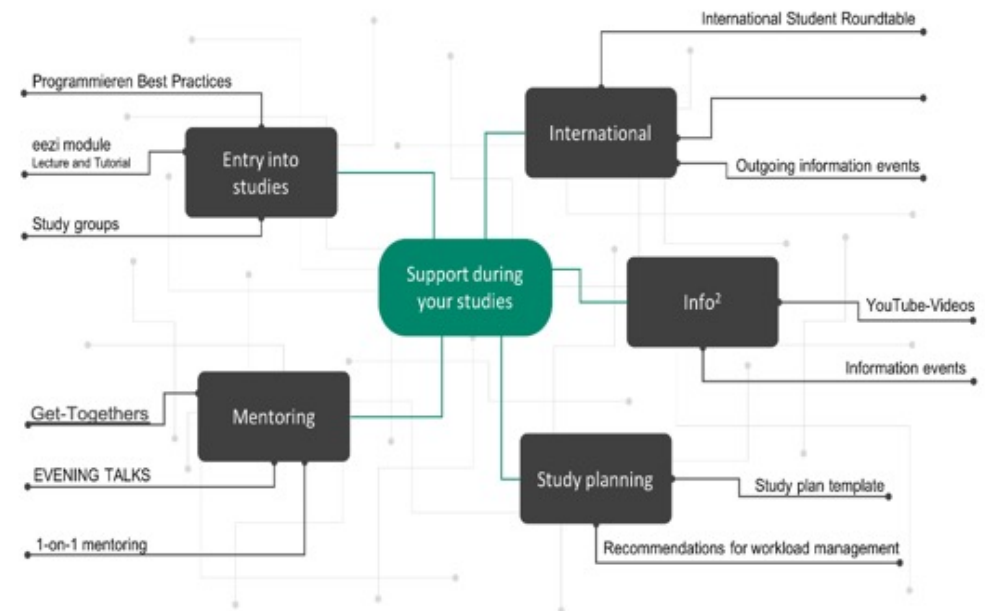
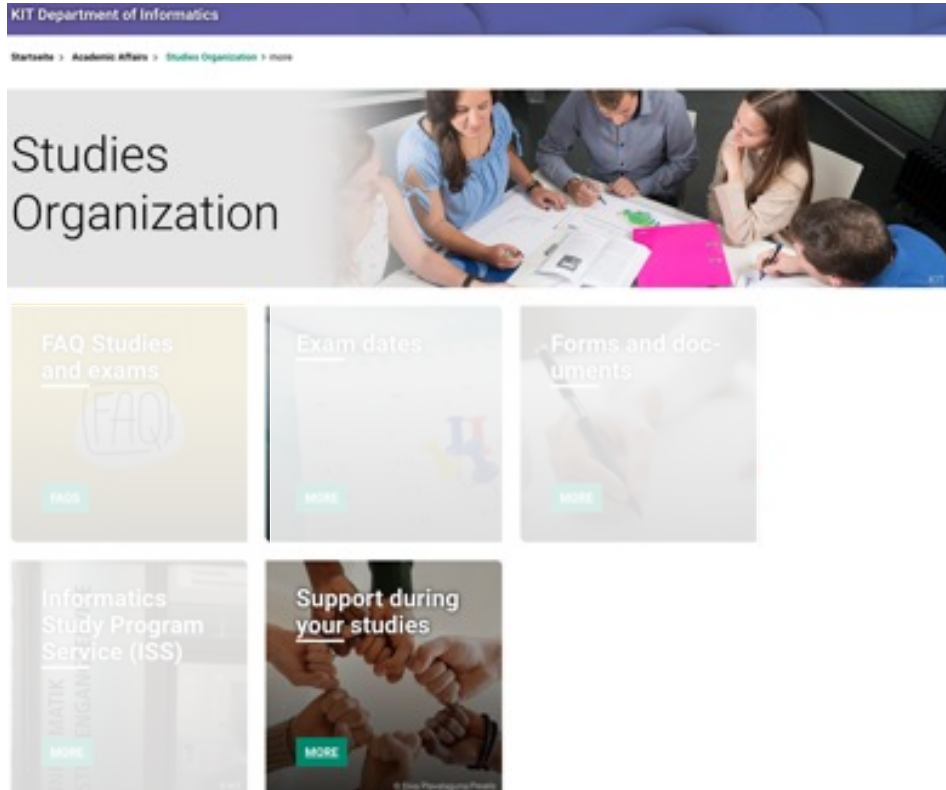
- Department information regarding exams
- The dates and times of the examination events in CAS apply!
- ISRT in 25 June 2025 will go into more details about exams and exam preparation

Forms and documents

- Module handbooks
- Examination regulations
- Statutes
- Forms
- Regulations and guidelines

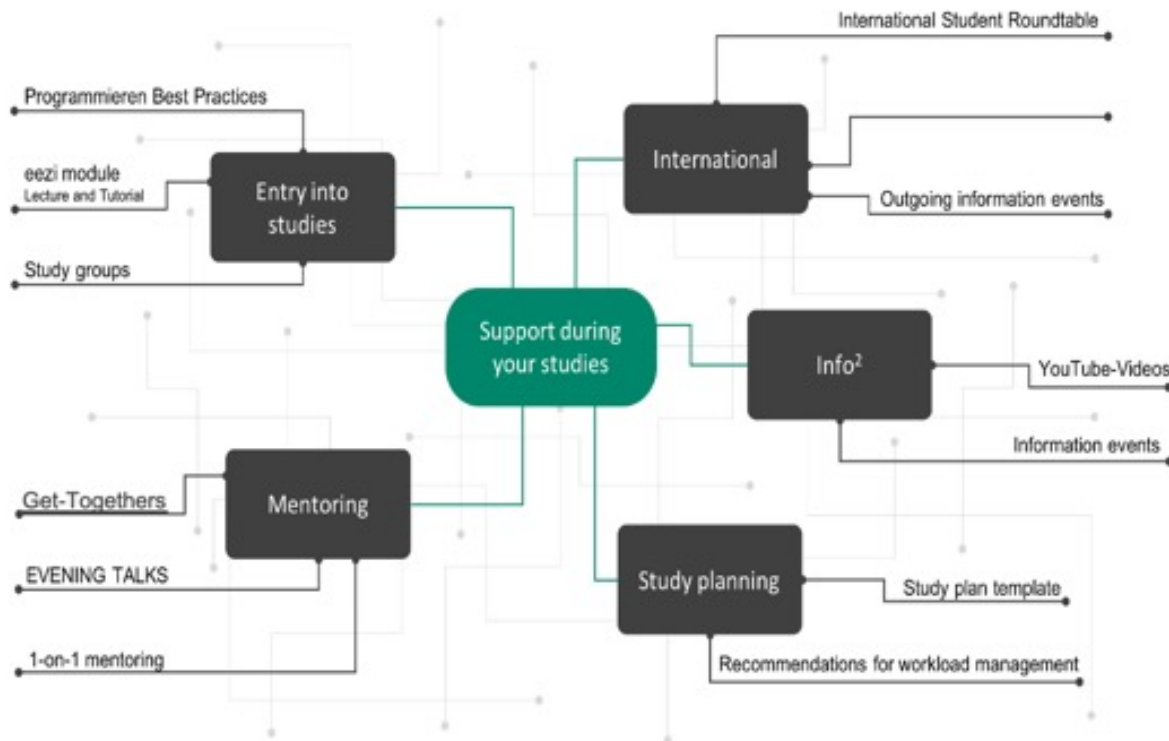
KIT Department of Informatics

Studies Organization



KIT Department of Informatics

Support during your studies



Entry into Studies

Support for new students and first-time students to get started at KIT.

[Link](#)

Study Planning

Help for planning your studies successfully.

[Link](#)

Mentoring

Offers for social integration at KIT.

[Link](#)

Info²

Info events & videos on study organization and effective learning methods.

[Link](#)

International

Information for international students at KIT, as well as KIT students who want to study abroad.

[Link](#)

Information Events of the ISS

TO-EVENT CALENDAR

Date	Event
04/23 2025	International Student Round Table: "Kick-Off the Semester" International Student Roundtable (ISRT) is for all international students enrolled at KIT, Department of Informatics. This ISRT will address...
04/24 2025	Evening Talk - Study overview: "What's next for my studies?" Now that you know your results from your first semester, this is an opportunity to focus on your second semester, planning, as well as ad...
04/29 2025	Mentoring Get-Together For new and returning students get together in the Get-Together you can chat and/or play various board games. This also provides you...
05/08 2025	International Student Check-in & Trouble Shooting This International Student Roundtable (ISRT) is for all international students. KIT's Department of Informatics will jointly facilitate this event.
05/13 2025	How to Thesis In this event, students of informatics and information systems who intend on writing their 5-semester thesis. This workshop provides an over...

Recordings

Access to recorded events and presentations.

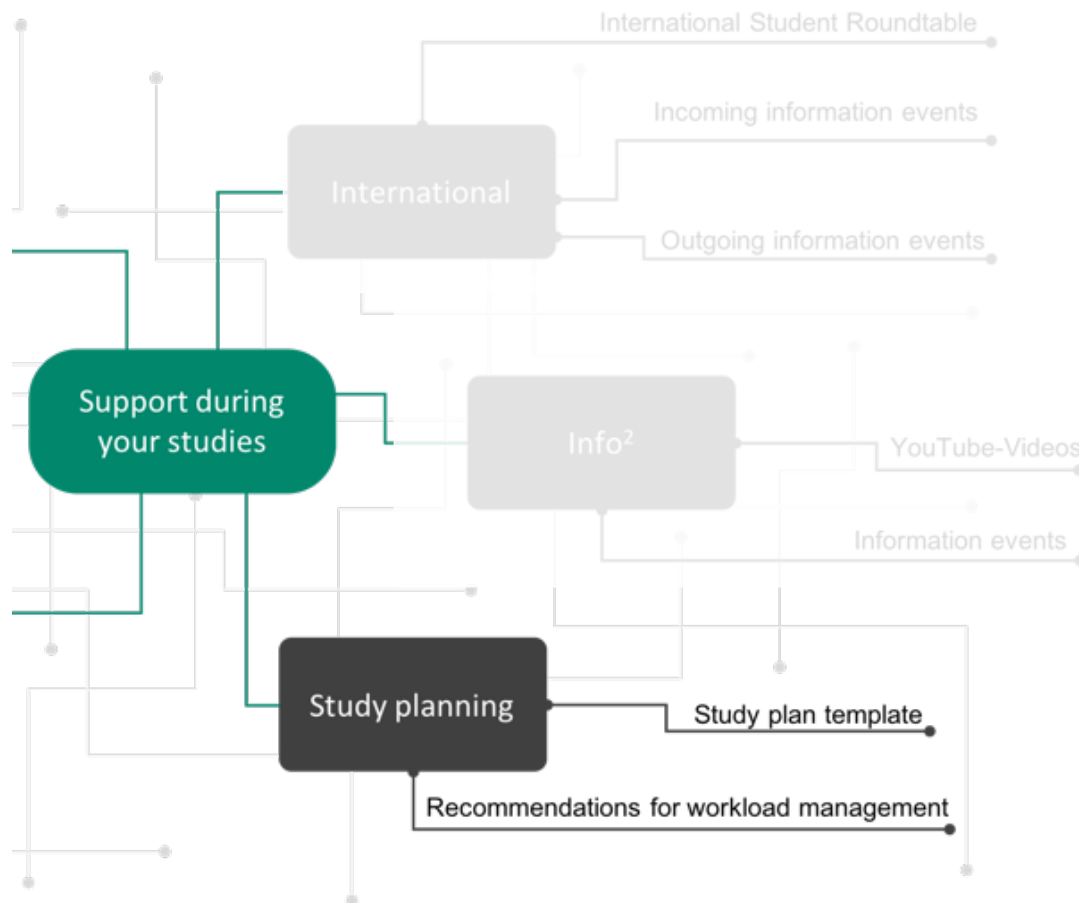
[YouTube if](#)

Advising and Resources

Additional support and resources for students.

[Link](#)

Study planning



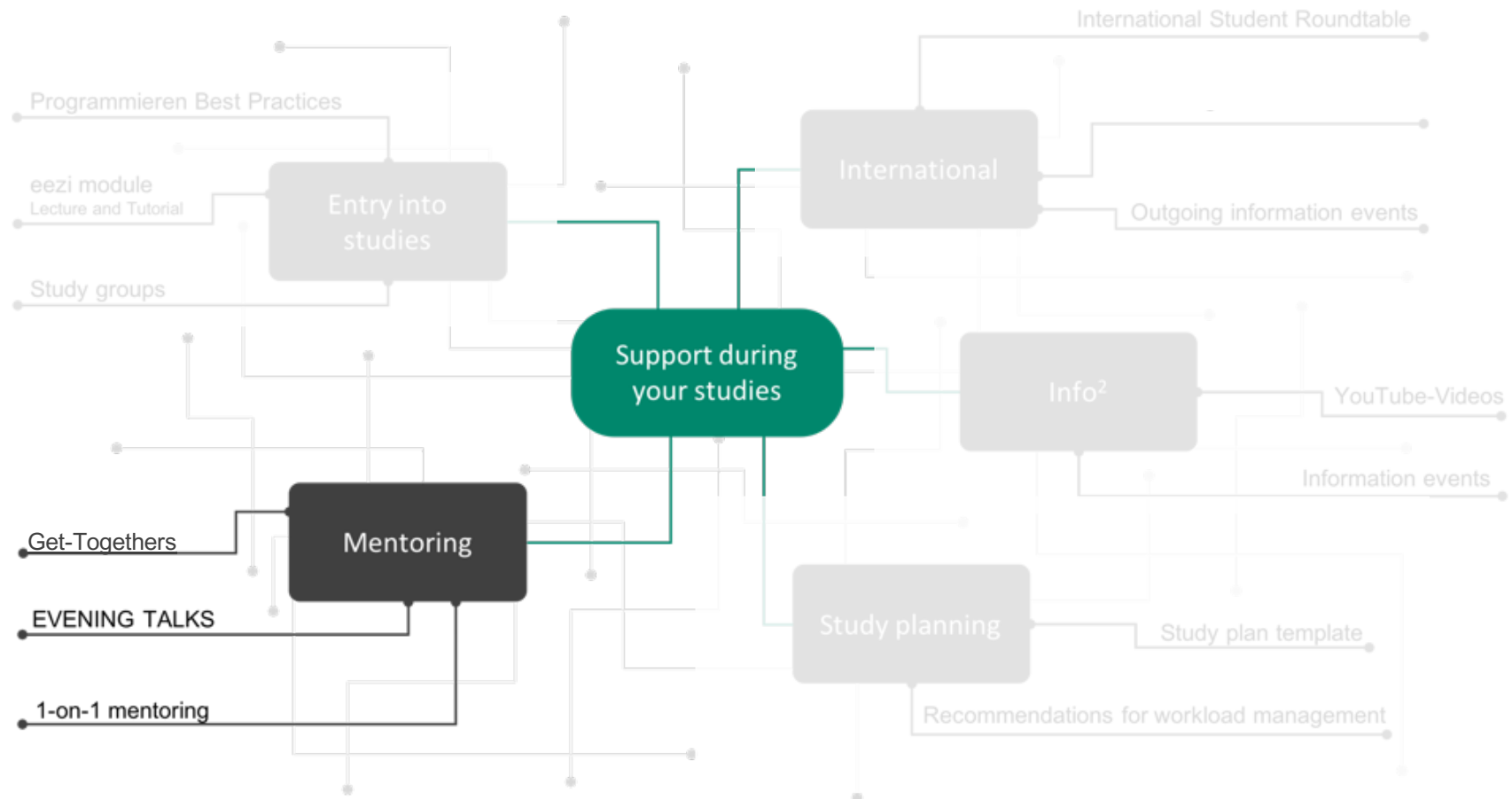
Study Planning

Planning the first semesters ▾

Planning the current semester ^

- Which modules do I want to take this semester?
 - Course catalogue (VVZ)
Overview of the courses available this semester
 - Supplementary subjects
YouTube explanatory video [🔗](#)
 - Campus Management for Students (CMS)
CMS explanatory video [🔗](#)
- Where do I have to register?
 - Registration for tutorials at the beginning of the semester
If you miss registration, please contact the tutorial leader
Attending tutorials is crucial for a successful degree programme
 - Exam registration via the CMS
 - When are my exams
 - Exam dates Computer Science & Information Systems
 - Exam dates Mathematics
 - Exam dates for Economics
- Important dates: Lecture times and re-registration

Mentoring



Planning your current semester

Planning your studies

Degree seeking students:

- Starting Point is to inform yourself of the academic structure of the degree you are seeking at KIT.
- Make sure you are familiar with what you need to enroll in and complete to for your program of study as you plan this and the following semesters.
- Read through the Module handbook (MH)
 - Tip: M.Sc. Computer Science students for this semester make your you thoroughly read thru the first five pages of the [Comp. Sci. MH](#)
- Read and review FSMI Slides from [O-Phase FBI](#) info-session

Exchange student:

- Ensure the modules that you enroll in and select meet the approval of your home university
- Read through our [incoming exchange students website](#) and the information there about [course selection](#)
- No mater if you are a bachelor or a master student you can choose module in bachelor or a master at KIT. However make sure you meet the prerequisite knowledge for the modules you choose
- Ensure the Modules you select are also in your LA

Overview to Modules

Lecture

(Vorlesung)

- Sometimes with Übung (you need to know if the module has compulsory or non-compulsory worksheets)
- Registration later in Semester (*only need to register for the exam, most of the time not for attending)
- Please note that some lectures also include exercises, which must be successfully completed in order to complete the overall module.

Seminar

- Work on a particular topic, write about it and prepare and present it to the group
- Watch others presentations
- Must register before courses begin (depending on the seminar: ILIAS/ Website/ Email/ Wiwi-Portal ...)

Lab

(Praktikum)

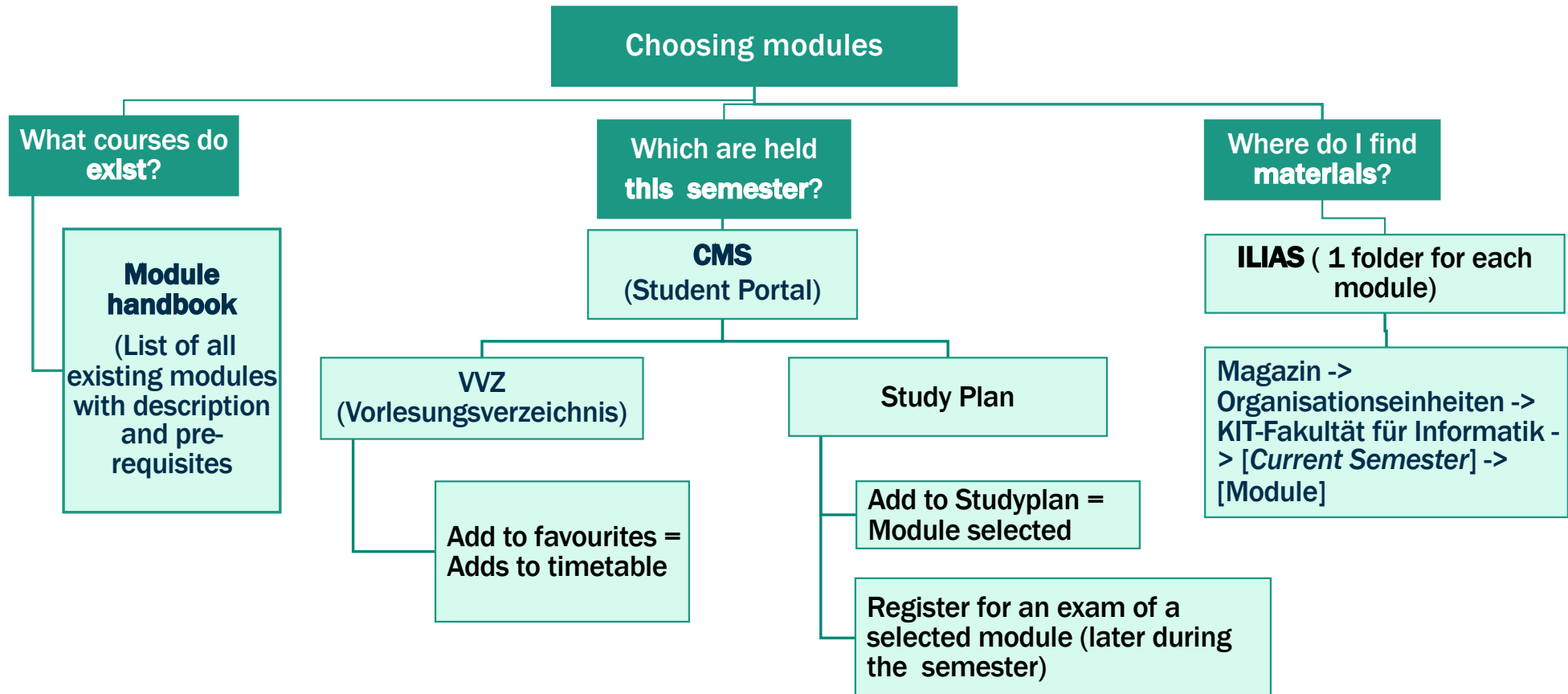
- Acquire more practical skills
- Must register before courses begin (depending on the lab: ILIAS/ Website/ Email/ Wiwi-Portal ...)

Thesis

Bachelor- / Master

- Find advisor and topic (Visit the various Institute homepages to assist you in this process and e-mail potential advisors)
- Advisor will help to register the thesis
- Write and defend thesis

Course Selection



Your Studies and Course Selection at KIT

Do you know what modules you are interested in enrolling in this semester?

Do you know about, have access to, and know how to use:

- **CMS?**
- **ILIAS?**
- **Plus Portal / SignMeUp?**
- **WIWI Portal?**

Module Handbooks

**Campus Management
for Students**

**ILIAS
Learning Platform**

SignMeUp

Wiwi-portal

- Module Handbook is Department specific modules
- CMS you can look up information about module in informatic and other departments at KIT
- Ilias is a learning Platform
- Campus Plus Portal / SignMeUp
- WiWi-Portal Module Handbook is Department specific modules

Your Studies and Course Selection at KIT

Module Handbook

- What is the SPO?
- Use Module Handbook in combination with Campus Management Course Catalogue
- What questions do you have about the module handbook?
- Although every effort is made to ensure that students are admitted to their preferred course selections, the KIT Faculty for Informatics cannot guarantee admission to any particular course

Module Handbooks

- Module Handbook is Department specific modules
- Specific ones for Faculty, Major, Degree level and SPO
 - **DE:** [Informatik, Wirtschaftsinformatik & Lehramt Fach Informatik](#)
 - **EN:** [Computer Science M.Sc.](#)
- Is updated each semester and released about a month before the start of the semester
- Modules may be changed, deleted, replaced, expanded, or otherwise modified at any time

Campus Management for Students

Learn

	Bachelor	Master	Master Erweiterungsfach
Informatik	SPO 21 Modulhandbuch SS 2025 [de PDF] [HTML]	SPO 22 Modulhandbuch SS 2025 [de PDF] [HTML]	
	SPO 22 Modulhandbuch SS 2025 [de PDF] [HTML]	SPO 23 Modulhandbuch SS 2025 [de PDF] [HTML]	
		es gibt keine inhaltlichen Unterschiede zwischen SPO 2015 und SPO 2023, es wurden strukturelle Änderungen vorgenommen	
Wirtschaftsinformatik	auf den Seiten der KIT-Fakultät für Wirtschaftswissenschaften	auf den Seiten der KIT-Fakultät für Wirtschaftswissenschaften	
Lehramt Fach Informatik	Modulhandbuch SS 2025 [de PDF] [HTML]	Modulhandbuch Master SS 2025 [de PDF] [HTML]	Modulhandbuch Erweiterungsfach WS 2025 [de PDF] [HTML]
Master			
Computer Science (INT)	Module handbook summer semester 25 [en PDF] [en html]		

Your Studies and Course Selection at KIT

Module Handbook

- Are you familiar with :
 - Modulnummer / Module number (MN)
 - Teilleistungen / Number (TL)

Module Handbooks

Campus Management for Students

- There is is an unique Study code (number) for modules, course, units, etc...
 - **Modulnummer** / Module number is assigned to each module
 - A Module may have one or more “**Teilleistungen**” (assessment component) which can be selected
 - The student’s knowledge is assessed in the Module’s various TL
 - Some of the TL are tied together and it is compulsory to select more than one TL in order to receive credit for the Module if you pass the exam, please read Module handbook carefully to see if it is the case

M

4.17 Module: Computational Geometry [M-INFO-107228]

Responsible: TT-Prof. Dr. Thomas Bläsius
Organisation: KIT Department of Informatics
Part of: Area of Specialization: Theoretical Foundations
 Area of Specialization: Algorithm Engineering
 Elective Studies in Informatics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
6	Grade to a tenth	Irregular	1 term	German	4	1

Mandatory

T-INFO-114251	Computational Geometry	6 CR	Bläsius
T-INFO-114252	Computational Geometry - Pass	0 CR	Bläsius

Competence Certificate

See partial achievements (Teilleistung)

Prerequisites

See partial achievements (Teilleistung)

Your Studies and Course Selection at KIT

Module Handbook

Module Handbooks

- “Teilleistungen“ pass
- Completion certificate
- Prerequisites
- Recommendations

M 4.17 Module: Computational Geometry [M-INFO-107228]

Responsible: TT-Prof. Dr. Thomas Bläsius
Organisation: KIT Department of Informatics
Part of: Area of Specialization: Theoretical Foundations
 Area of Specialization: Algorithm Engineering
 Elective Studies in Informatics

Credits 6	Grading scale Grade to a tenth	Recurrence Irregular
---------------------	--	--------------------------------

Mandatory	
T-INFO-114251	Computational Geometry
T-INFO-114252	Computational Geometry - Pass

Competence Certificate
 See partial achievements (Teilleistung)

Prerequisites
 See partial achievements (Teilleistung)

When a Module has a Teilleistung-pass, it is compulsory to enrol in it and to complete the requirements in order to complete and pass the Module

T 5.20 Course: Computational Geometry - Pass [T-INFO-114252]

Responsible: TT-Prof. Dr. Thomas Bläsius
Organisation: KIT Department of Informatics
Part of: M-INFO-107228 - Computational Geometry

Type Completed coursework	Credits 0	Grading scale pass/fail	Recurrence Irregular	Version 1
-------------------------------------	---------------------	-----------------------------------	--------------------------------	---------------------

Events					
ST 2025	2400119	Computational Geometry	4 SWS	Lecture / Practice (/	Bläsius, Yi, Wilhelm, von der Heydt

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Competence Certificate
 The assessment is carried out in form of course work (German Studienleistung, § 4 Abs. 3 SPO). A total of two repetitions are possible.

Prerequisites
 None.

Recommendation
 Basic knowledge of algorithms and data structures (e.g., from the courses Algorithms 1 + 2) is expected.

Your Studies and Course Selection at KIT

Campus Management for Students

- When do I have to register for Modules and exams?
- Have you updated your personal information?

Module Handbooks

Campus Management
for Students

ILIAS
Learning Platform

SignMeUp

Wlwl-portal

- Use in combination with Module Handbook to find out information about modules being offered each semester
- Use for Selection, Registration, withdrawal from modules and exams
- Ensure you select the correct semester
- Put together semester courses (calendar)

Your Studies and Course Selection at KIT

Campus Management for Students



Module Handbooks

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Wlwl-portal

- Use for Selection, Registration, withdrawal from modules and exams
- Ensure you select the correct semester

Your Studies and Course Selection at KIT

Campus Management for Students

The screenshot shows the 'Campus Management for Students' website. The header includes the KIT logo (Karlsruhe Institute of Technology) and a navigation bar with 'Term' set to 'Summer 2025', 'Study Prog.', and 'Not logged in'. A left sidebar contains links to 'Homepage', 'FAQ', 'Events', 'Course Catalog', 'Audience Circles', 'Extended Search for Events', 'Booking of Events', 'Event Favorites', 'Timetable and Calendar Overview', 'Internet Calendar (WebCal)', and 'Examinations'. The 'Course Catalog' link is highlighted with a green box. The main content area is titled 'Course Catalog (SS 2025)' and features a 'Summer Semester 2025' section with a 'Table of Contents' listing various departments: Architecture, Civil Engineering, Geo- and Environmental Sciences, Chemistry and Biosciences, Chemical and Process Engineering, Electrical Engineering and Information Technology, Humanities and Social Sciences, and Informatics. The 'KIT Department of Informatics' entry is highlighted with a green box.

Module Handbooks

Campus Management for Students

- Search for module information in **Course Catalogue** ([VVZ](#)) and by **academic department**

Your Studies and Course Selection at KIT

Campus Management for Students

The screenshot displays the 'Campus Management for Students' web application. The top header includes the KIT logo, the title 'Campus Management for Students', and navigation links for 'Term' (Summer 2025), 'Study Prog.', and 'Not logged in'. A search bar is also present. The left sidebar contains a menu with options like 'Homepage', 'FAQ', 'Events', 'Course Catalog', 'Audience Circles', 'Extended Search for Events', 'Booking of Events', 'Event Favorites', 'Timetable and Calendar Overview', 'Internet Calendar (WebCal)', 'Examinations', 'Study Program Structure', 'Re-Registration', 'Certificates', and 'Requests'. The main content area is titled 'Extended search for events' and features a search button and a detailed search form. The form includes fields for 'Course number', 'Title', 'Event type', 'Event format', 'Language', 'Appointment', 'Date', 'Time', and 'eLearning' options. It also has a section for 'Degree Programs' with search fields for 'Degree Program', 'Modules', 'Bricks', 'Audience circles', 'Course Catalog Headlines', 'Organisational units', 'Rooms', and 'Lecturers'.

KIT
Karlsruhe Institute of Technology

Campus Management for Students

Term: Summer 2025 Study Prog.: Not logged in

Search All objects Enter search term...

Homepage
FAQ
Events
Course Catalog
Audience Circles
Extended Search for Events
Booking of Events
Event Favorites
Timetable and Calendar Overview
Internet Calendar (WebCal)
Examinations
Study Program Structure
Re-Registration
Certificates
Requests

Extended search for events

Search

With the extended search for events you can search more precisely for events in the currently selected Summer Semester 2025. Please specify the desired search parameters in the following fields and click on "Search". Please note that no more than 200 events could be shown as the result of the search.

Course number: [text box]
Title: [text box]
Event type: [dropdown]
Event format: [dropdown]
Language: [dropdown]
Appointment: [dropdown]
Date: MM/DD/YYYY [calendar icon]
Time: hh:mm - hh:mm [time range]
eLearning: ☐ ILIAS course
☐ Lecture Recording
☐ Lecture Translator

Degree Programs: Search for Degree Program
Modules: Search for Module
Bricks: Search for Brick
Audience circles: Search for Audience circle
Course Catalog Headlines: Search for Course Catalog Headline
Organisational units: Search for Organisational unit
Rooms: Search for Room
Lecturers: Search for Lecturer

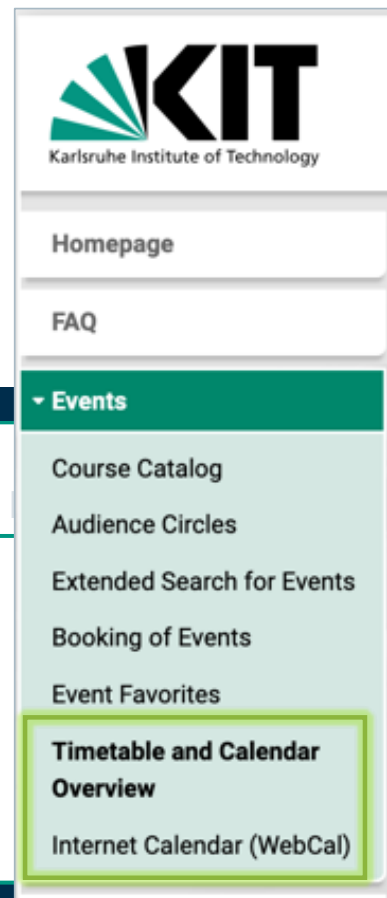
Module Handbooks

Campus Management for Students

- Extended Search for Events
 - Search term can language
 - Appointment time
 - Etc..

Your Studies and Course Selection at KIT

Campus Management for Students



Module Handbooks

Campus Management
for Students

SignMeUp

Wlwl-portal

- Put together semester courses (calendar)

Your Studies and Course Selection at KIT

Campus Management for Students

Module Handbooks

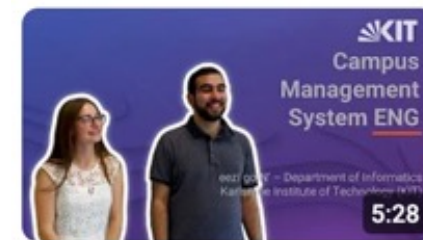
**Campus Management
for Students**

ILIAS
Learning Platform

SignMeUp

Wiwi-portal

- Videos
 - Info-Bite: [CMS -English](#) (Campus Management for students)
 - FSMI- Video [Quick Start Guide Video](#)
 - How to Ersti – [Studierendenportal](#)



Your Studies and Course Selection at KIT

Campus Management for Students

- When do I have to register for Modules and exams?
 - Will be addresses in ISRT: Exams on 25 June 2025
- What questions do you have?

- Resources: IStO [How 2 CMS](#), [Departmental Info Videos](#), FSMI [Quick Start Guide Video](#), KIT youtube [How to Ersti Video](#)

- Pro-Tip: You need time to get to know CAS, because it has so many layers (therefore take your time and try things out)

[Module Handbooks](#)

**[Campus Management
for Students](#)**

[ILIAS](#)
Learning Platform

[SignMeUp](#)

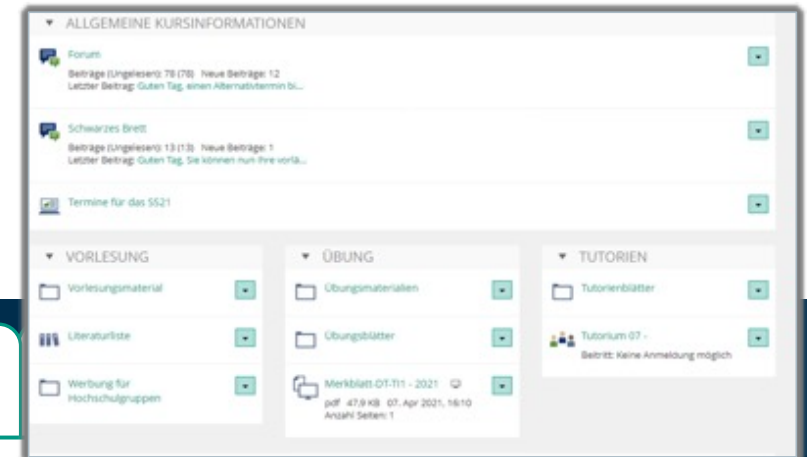
[Wlwl-portal](#)

- Use in combination with Module Handbook to find out information about modules being offered each semester
- Use for Selection, Registration, withdrawal from modules and exams
- Ensure you select the correct semester
- Course Catalogue ([VVZ](#))
- [Extended Search for Events](#)
- Put together semester courses (calendar)

Your Studies and Course Selection at KIT

ILIAS

- **Have you accessed ILIAS as of yet?**
- **Best Tips**
- **What are your questions about ILIAS?**



Module Handbooks

Campus Management
for Students

ILIAS
Learning Platform

- ILIAS: Magazin -> Organisationseinheiten -> KIT-Fakultät für Informatik -> [Current semester]
- ILIAS system
 - Is one of the learning platform used by KIT
 - It is where most lecture materials are stored for modules
 - Usually one folder for every module
 - Find script/slides, hand in homework, forums to ask questions, etc.
- Make sure that you select the current semester module!
- Calendar download/ import (iCal)

Your Studies and Course Selection at KIT

Campus Plus Portal / SignMeUp?

- **Have you used It and do you have questions?**

Welcome to the Campus Plus Portal!

In this portal we would like to offer you innovative functions related to studies and teaching. In many cases, the functions expand the possibilities offered by the Campus Management System (CAS) or application system (BZM). The portal started in November 2021 with the BZM module with many features related to application management. In August 2022, the new feature "Registration Procedure" was added.

Newsletter:
If you would like to be informed regularly about new functions and important changes, we would be pleased if you subscribe to our Campus+ mailing list.

[Go to the event offerings](#)

Most features in this portal required a login.

[LOGIN \(KIT\)](#) [LOGIN \(EXTERNAL USERS\)](#) [REGISTRATION \(EXTERNAL USERS\)](#)

Changes (German)

Version 2.17: SignMeUp: Themen-Assistent
17.03.2025
Zum Anlegen von Themen gibt es nun auch einen Themen-Assistenten, der eine Vielzahl von Themen mit dem gleichen Namensmuster (z.B. "Gruppe #1", "Gruppe #2", ...) anlegen kann. Sie haben dabei die Wahl zwischen verschiedenen Zahlendarstellungen.

Version 2.16: SignMeUp: Gebührenverwaltung, Themenwahl mit Genehmigung, Personeneintrag als Thema und Kontrollmails. BZM+: Ausweisung Anzahl Halbjahre Fremdsprache in Export.
07.03.2025

Art	Titel	Gruppen	Abschlüsse	Frst	Belegung
☆	IDS Python Test - 24/04/2025 - 14:00-19:00 (parallel to on-site courses)		BMD	noch 1h 31m 23.4.2025, 15:00	32 / 60
☆	Civil society and non-profit organizations in democratic societies	FORUM-BSS, FORUM-PG, FORUM-IK, FORUM-BeneWM4, FORUM, FORUM-ENGL	BMD	noch 10h 30m 23.4.2025, 23:59	12 / 15

SignMeUp

Wiwi-portal

- **Registration for Tutorials, Seminars and Practical Courses**
- **Sometimes sign-up for appointments**
 - Ex. ISS

Your Studies and Course Selection at KIT

WIWI Portal

- **What are your questions about the WIWI Portal?**

The screenshot shows the Wiwi-Portal interface. The header includes navigation links: YouSubscribe, Exams, Appointments & Consultations, Online Forms, Device Rental. The main content area is titled 'Portal of the Department of Economics and Management'. Below this, there's a section for 'Available appointments' with a table listing various appointments and their next blocks.

Org	Name	Next appointment block
CHEMBIO	Consultation hours for questions regarding the biology program	4/23/2025 2:00 PM-3:00 PM
MACH	Office Hours at Examination Board Mechanical Engineering	4/29/2025 10:00 AM-12:00 PM
MACH	WZMHFS Mündliche Prüfung	4/30/2025 2:00 PM-3:00 PM
MACH	Sprechstunde Seminar KIP - Allgemeines	5/16/2025 2:00 PM-4:00 PM
MACH	Sprechstunde Seminar KIP - Simon Otto	5/9/2025 2:00 PM-4:00 PM
MACH	Sprechstunde Seminar KIP - Patrick Gajek & Ehsan Karimi	5/16/2025 2:00 PM-4:00 PM
MACH	Exam Review Fluid Mechanics (II)	4/28/2025 2:00 PM-5:00 PM
INFO	eezi-Advising Appointment	4/24/2025 2:30 PM-3:30 PM
INFO	Informatics-Advising for Exchange and Support during your Studies & Exchange	4/29/2025 11:00 AM-11:30 AM

Module Handbooks

- **Registration for Tutorials, Seminars and Practical Courses**
- **Sometimes information about exams as well**
(for example: timeslots, seat, etc.)
- **Sometimes sign-up for appointments**

Wiwi-portal

Start of semester checklist

Start of semester checklist

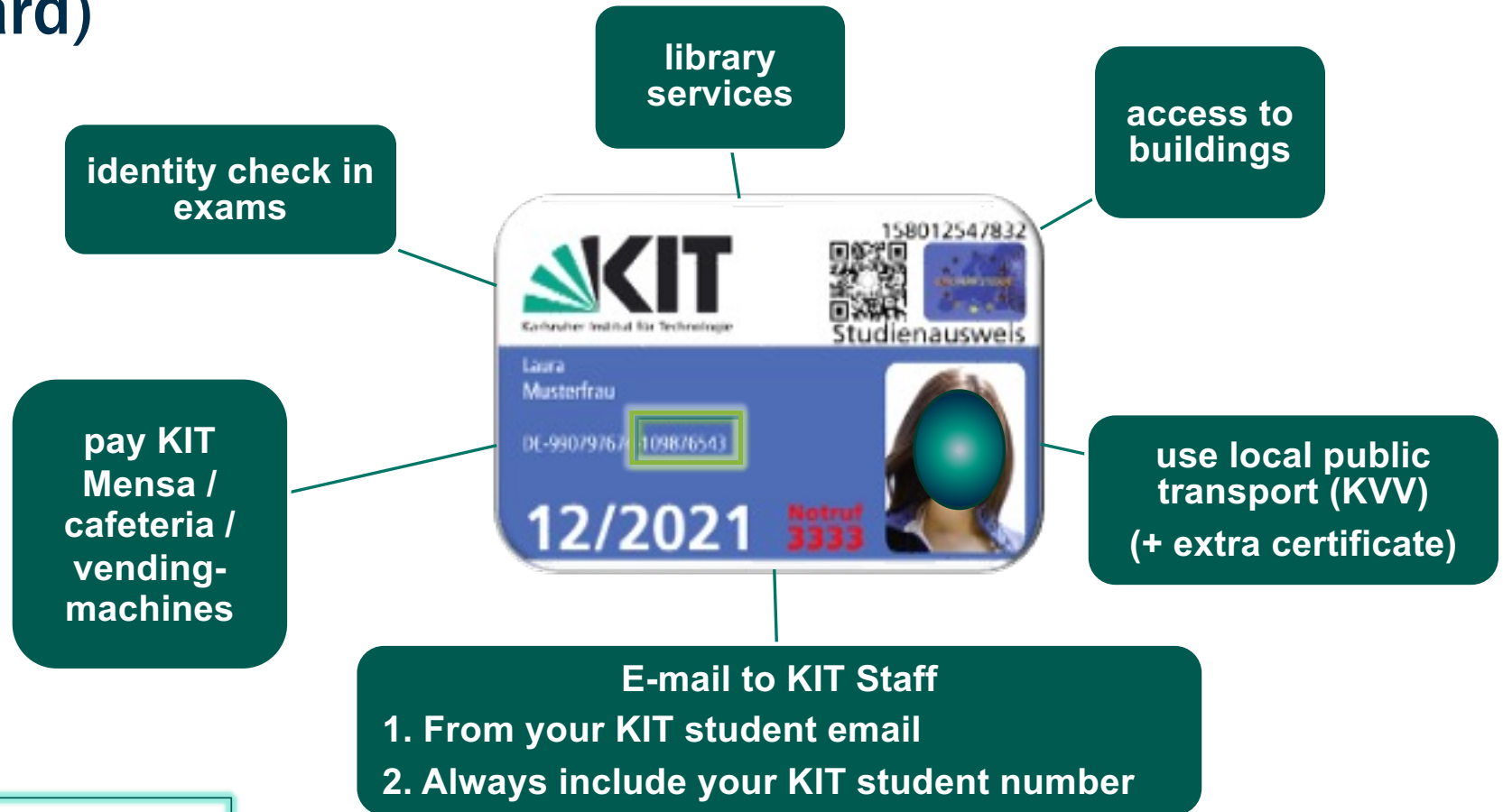
Check list for enrolment and academic and organization

- [First steps and Enrollment](#): The page describes what you need to do in sequence for online enrollment (matriculation)
- [Updating Your Data](#) and [Account setup](#) with [SCC](#):
 - u-account
 - set-up your Email
 - [KIT card](#) student card
 - [MS Teams and Zoom](#)
 - [Wi-Fi](#) & [VPN](#) at the KIT
- [Updating Your Data](#) on the [Campus Management \(Student\) Portal](#)
- Plan your studies, course selection and first semester
- Review Academic requirements to complete your degree, for this semester read:
 - Module Handbook (Introduction through Additional modules (in German: Zusatzleistungen) [pages 9-13](#))
 - and FSMI slides from O-Phase FBI
- Register for seminars/labs /worksheets (Übungen)
- CMS calendar linking
- [Ilias Learning Platform](#) critical information, script, worksheets, communication, etc for most modules
- Review [ISS](#) and [FSMI](#) FAQs
- Autoload money on student card for cafeteria and campus cafes, etc..

[Starting Your Studies at KIT](#)

- Read
- View: [How to Ersti](#): KIT youtube playlist for students:
 - Kit card student portal, etc...
 - in German but you can select English subtitles

KIT Card (Student card)

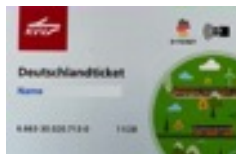


How to Ersti #1: die KIT-Card [Video](#)

Start of semester checklist

Getting around and finding your way

- Public transport ticket
 - [Download KVV](#) -certificate in [CMS](#) – for free public transportation in Karlsruhe on Monday – Friday 6pm – 6am, weekend and holidays
 - *"[D-Ticket JugendBW](#)"
 - Baden-Württemberg offers young people (up to 27 years old) a cheaper Deutschland-Ticket
 - The “D-Ticket JugendBW” is valid wherever the normal Deutschland-Ticket is valid
 - **Currently costs 473 € per year
- *"[Deutschland-Ticket](#)“ for regional transportation in Germany for about
 - **55,08€ per month & 660,96€ per year



* The website is in German

**Please note fees for the various tickets may change. These fees were current on 23 April 2025



- KIT [Campus Map](#)



IStO information including:

- [Health insurance](#)
- [Entry Visa and Residence Title](#)
- [Registration of Your Residence](#) (at Bürgerbüro)
- [Registered at Auslandsbehörde](#)
- [Opening A Bank Account](#)
- Registered for Rundfunkgebühr (radio, television, ...)

Start of semester checklist

Participate, attend and engage

Informatics

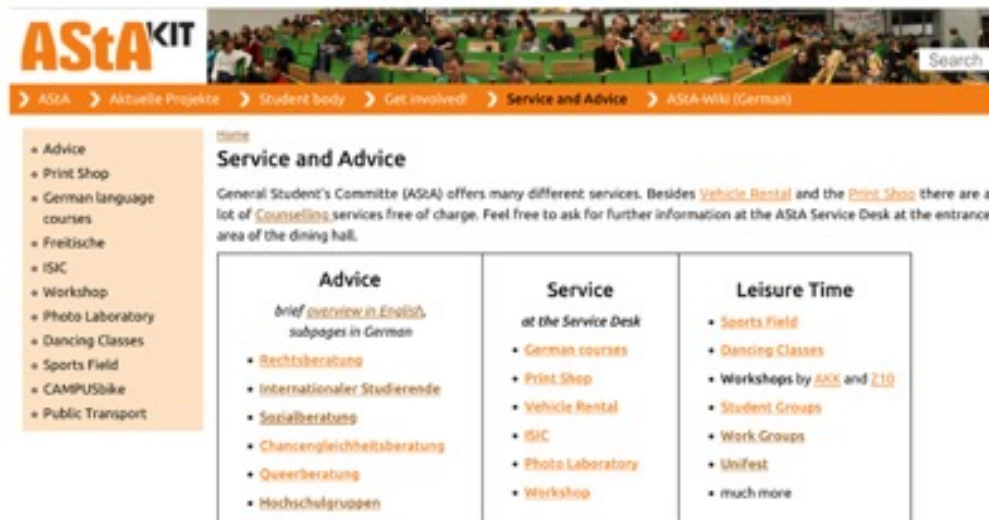
- **ISRT** (International Student Round Table)
 - Check-in & Trouble Shooting: 8th May 2025
 - Fit for exams & returning home: 25th June 2025
- **Info²** Informatic student Events and Mentoring Get-Together
- **FSMI** Activities

International

- During Studies, Buddy Program, International Café, Board Game...
- Newsletter of International Students Office (IStO): Receive relevant news (support for international students, financial aid workshops, etc.)
- **ESN** Events, Buddy program, Language partner, etc...



Connect with other students and be social



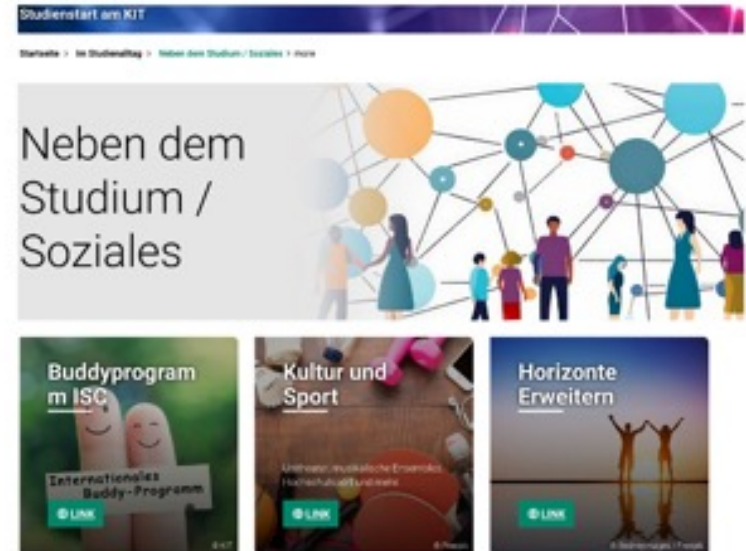
AStA^{KIT}

» AStA » Aktuelle Projekte » Student body » Get involved! » Service and Advice » AStA-Wiki (German)

Service and Advice

General Student's Committee (AStA) offers many different services. Besides [Vehicle Rental](#) and the [Print Shop](#) there are a lot of [Counselling](#) services free of charge. Feel free to ask for further information at the AStA Service Desk at the entrance area of the dining hall.

Advice	Service	Leisure Time
<i>brief overview in English, subpages in German</i> • Rechtsberatung • Internationaler Studierende • Sozialberatung • Chancengleichheitsberatung • Queerberatung • Hochschulgruppen	<i>at the Service Desk</i> • German courses • Print Shop • Vehicle Rental • ISIC • Photo Laboratory • Workshop	• Sports Field • Dancing Classes • Workshops by AJCC and Z10 • Student Groups • Work Groups • Unifest • much more



Studienstart am KIT

Startseite » Im Studienalltag » Neben dem Studium / Soziales » more

Neben dem Studium / Soziales

Buddyprogramm m ISC
Internationales Buddy-Programm
[Link](#)

Kultur und Sport
Unterstützung musikalischer, sportlicher und kultureller Aktivitäten
[Link](#)

Horizonte Erweitern
[Link](#)



Tuesday, 29 April 2025

17:45 - 19:15
Mentoring Get-Together
Building: 50.34
Room 131

For new and returning students get together!

In this Get-Together you can chat and/or play various board games. This also provides you an opportunity to meet study partners for modules you are taking and/or with whom you can do free-time activities with.

Accommodations

□ Find accommodations

- [Living and Learning in Karlsruhe](#)
- [Studierendenwerk Karlsruhe](#)
- [Studienstart am KIT](#) (only in German)
- [I still need a flat!](#) (fsmi)

Degree seeking: [IStO](#) and [Finding accommodation](#)

Temporary Students (Exchange): [IStO](#) : [Overseas Exchange](#), [Eucor](#) and [ERASMUS](#)

[Pamphlet provided by the Baden-Württemberg Police](#) about Scams offers when looking for an apartment

IStO's [list of common abbreviations used in apartment advertisements](#)

Learning Agreements

Learning Agreements

Learning agreement (LA) is by some of the incoming exchange students including by [ERASMUS](#), EUCORE, DAAD, Freemover students

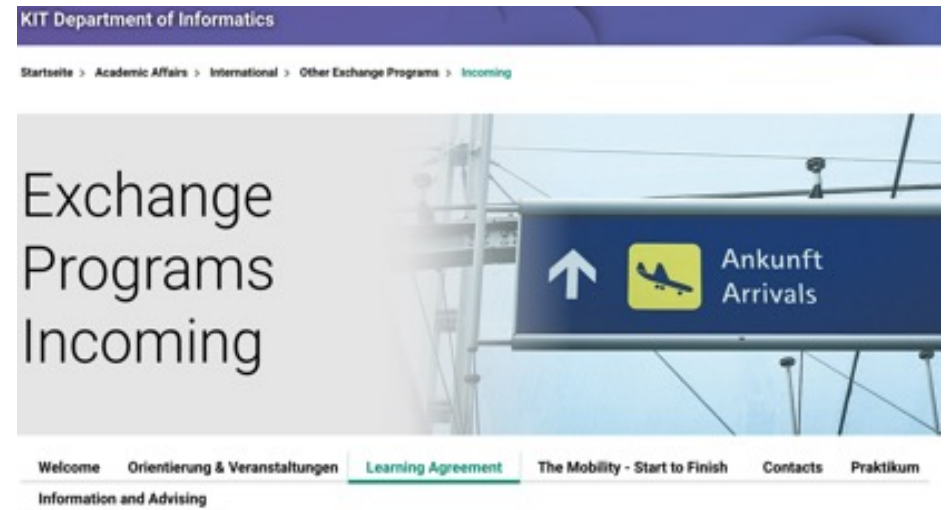
The LA is a contract between you, your home university and host university regarding your studies

- LA must always be signed by all 3 parties:
 - by **you** (student)
 - the subject coordinator (**FK**) of **your home university** and
 - the subject coordinator (**FK**) at the **partner university** ([KIT departmental coordinator](#))

It is important to comply with your LA.

Please upload and update your LA in Mobility Online

Processing time is around 14 days



Learning Agreements

- When completing your LA include:
 - Name of the module in English and when applicable also in German too
 - Modulnummer / Module number and the Teilleistungen / Number
 - Please ensure that you enroll at least **70-80%** Informatic Modules/course(s)
 - Please ensure that you enroll and complete at least the minimum of required ECTS required by your home university.
 - Processing your LA may take up to 14 days
-
- Changes to the LA “**during the mobility**”
 - You may adjust your LA during your time at KIT
 - due to time conflicts or other study interests
 - Consult and seek approval from your home university when updating your LA
 - Update it in Mobility Online
 - For any changes please make them by **15 May 2025**

Who and What: Points of contact an overview

Who and What: Overview to Points of Contact

Department	Services & Resources	Student type
KIT Department of Informatics ISS (<i>Informatics Study Program Services</i>)	Accademic Advising (degree seeking)	all
KIT Department of Informatics Incoming & Outgoing <u>International Exchange</u>	Learning Agreements, advising for exchange students regarding studies,	exchange
FSMI (Departmental Student Council)	Informatics O-Phase, student to student advising, exam preparation resources, free hot beverage, represent student interests at university and departmental level, etc...	all

Who and What: Overview to Points of Contact

Department	Services & Resources	Student type
<u>International Students Office</u>	Application, admission, enrollment, finances and visa, <u>Exchange at KIT brochure</u>	<u>degree seeking & exchange</u>
<u>IStO</u> (<i>International Students Office</i>)	Pre-semester course,,	<u>degree seeking</u>
<u>IStO</u> –ERASMUS-Eucor, Freemover,....	Mobility-Online, exchange student Orientation, Pre-semester German course, certificate of arrival and departure documents, finances	exchange
IStO Welcome & Integration	<u>Orientation</u> , Buddy program, volunteering, ISH, Refugee advisory service	degree seeking
<u>International Student Hub</u>	Advising services for international students	all
Studierendenwerk (International Student Center)	Mensa, accommodation advice	all

Who and What: Overview to Points of Contact

Department	Services & Resources	Student type
SLE KIT Studierenden-service ZSB - Zentrale Studienberatung:	Central Office for Student Fees (Gebühren), Certificated, Organization including: KVV – Bescheinigung / Warrant, renewal of matriculation & De-registration / Withdraw, Transcript of Records (ToR), Campus Management Portal (Student portal) General academic advising services regarding majors, studies, <i>doubts about your program of study/change of major / university, withdrawing, etc.</i>	all
AStA KIT (Students' Union)	German courses, international student advising and a, equal opportunities, queer counselling, etc..	all
Fachschaften (Student Councils)	Student to student advising, O-Phase, exam preparation resources, represent student interests at university and departmental level, etc.	all

FSMI Study Program Information Computer Science M.Sc. Slides



Fachschaft

Mathematik Informatik

am Karlsruher Institut für Technologie

Fachbereichsinformationen Master Informatik

Sommersemester 2025

Allgemeines zum Studium

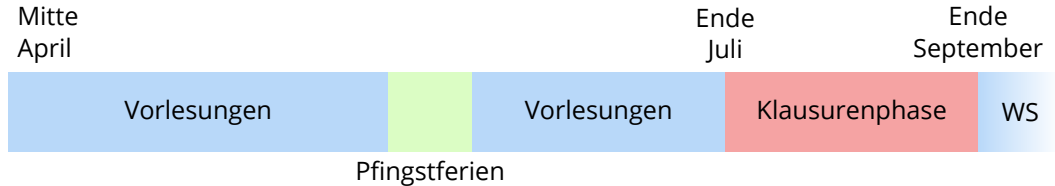
- Studium in **Modulen** organisiert
- Durch **Leistungsnachweis** überprüft
 - Evtl. Übungsschein
 - Prüfungen können schriftlich oder mündlich sein
 - Außerdem: Praktika, Seminare, Masterarbeit
- Modulen sind **Leistungspunkte** (LP/ECTS) zugeordnet:
 - Der Master besteht aus **120 Punkten**
 - 4 Semester Regelstudienzeit (30 LP/Semester)
- Noten in den Stufen **1.0, 1.3, 1.7, 2.0, ..., 4.0** (bestanden), **5.0** (durchgefallen)



Struktur des Semesters

Konkrete Termine auf der [Webseite des KIT](#).

- 3½ Monate Vorlesung
- 1½ Monate „Vorlesungsfreie“ Zeit
 - Klausurenphase, idR ein Klausurtermin pro Modul pro Semester.
- An Pfingsten: 1 Woche Vorlesungspause



Das Master- studium



Studienstruktur

	Vertiefungsfach 1 (min 15 LP)	Vertiefungsfach 2 (min 15 LP)	Wahlbereich (6-49 LP)	Ergänzungsfach (9-18 LP)	Überfachliche Qualifikatio- nen (2-6 LP)
1	Vorlesungen (≥ 10 LP)	Vorlesungen (≥ 10 LP)			
2	4 Stammodule Seminar- und Praktikamodule Sonstige Wahlmodule			Mathematik, Physik, Elektrotechnik, Recht, ...	Studium Generale, Sprachkurse, Soft Skills
3					
4	Masterarbeit (30 LP)				

Stammmodule

Einführung in ein Themengebiet. Es müssen **4** Stammmodule mit jeweils **6 LP** belegt werden.

Wintersemester

- Telematik
- Robotik 1
- Computergrafik
- Algorithmen 2
- Formale Systeme
- IT-Sicherheit

Sommersemester

- Softwaretechnik 2
- Mensch-Maschine-Interaktion
- Rechnerstrukturen
- Fortgeschrittene künstliche Intelligenz

Wichtig: Es dürfen nur Stammmodule geprüft werden, die noch nicht im Bachelor belegt wurden!



Vertiefungsfächer

- Thematische Sammlung von Vorlesungen, Praktika, Seminaren
- Man wählt **2 Vertiefungsfächer** mit je **min. 15 LP**
 - Jeweils mindestens **10 LP** aus Vorlesungen, die keine Stammmodule sind!
(Ausnahmen: Telematik & Systemarchitektur: **8 LP**)
- Ein Modul kann entweder einem Vertiefungsbereich oder dem Wahlbereich zugeordnet werden!



Vertiefungsfächer: Übersicht

- Theoretische Grundlagen
- Algorithmentechnik
- Kryptographie und Sicherheit
- Parallelverarbeitung
- Softwaretechnik und Übersetzerbau
- Entwurf eingebetteter Systeme und Rechnerarchitektur
- Telematik
- Informationssysteme
- Computergrafik und Geometrieverarbeitung
- Robotik und Automation
- Anthropomatik und kognitive Systeme
- Systemarchitektur



Ergänzungsfach

Das Ergänzungsfach soll Kenntnisse in einem Anwendungsgebiete der Informatik vermitteln

- Insgesamt **9–18 LP**
 - Auswahl zwischen verschiedenen Fächern (u.a. [Mathematik](#), [Physik](#), [Elektrotechnik](#), [Recht](#), ...)
 - Auf Antrag auch andere Fächer(-kombinationen), die so im Modulhandbuch nicht vorgesehen sind.
 - Voraussetzung: Ein Prüfer bescheinigt die gewollten Prüfungen als „konsistent und möglich“.
 - Keine Sonderergänzungsfächer in wirtschaftswissenschaftlichen Ergänzungsfächer (BWL, VWL, OR)
- | | | |
|--|---|--|
| • Recht | • Soziologie | • Materialwissenschaften für datenintensives Rechnen |
| • Mathematik | • Medienkunst | • Automation und Energienetze |
| • Theoretische Physik | • Betriebswirtschaftslehre | • Gesellschaftliche Aspekte |
| • Experimentalphysik | • Volkswirtschaftslehre | • Philosophie |
| • Informationsmanagement im Ingenieurwesen | • Operations Research | • Meteorologie |
| • Elektrotechnik- und Informationstechnik | • Verkehrswesen | • Biologically Inspired Robotics |
| • Biologie | • Mathematik für Daten-Intensives Rechnen | |



Randbedingungen

- **Seminare/Praktika** (ohne Ergänzungsfach)
 - mindestens **3 LP** aus Seminare
 - mindestens **6 LP** aus Praktika
 - insgesamt zwischen **12–18 LP** aus Seminaren + Praktika
- **4 Stammmodule**
 - Stammmodule können auch einem Vertiefungsfach zugeordnet werden.
- **2 Vertiefungsfächer**
 - jeweils **15 – 52 LP**, aber insgesamt maximal **73 LP**.
 - mindestens **10 LP** aus Vorlesungen, die keine Stammmodule sind.
(Ausnahmen: Telematik, Systemarchitektur)
- **Wahlbereich Informatik**
 - Alle Module aus den Vertiefungsfächern können im Wahlbereich gewählt werden
 - mindestens **6 LP**



Schlüsselqualifikationen

Veranstaltungen zu gesellschaftlichen Themen, fachwissenschaftliche Ergänzungsangebote, welche die Anwendung des Fachwissens im Arbeitsalltag vermitteln, Kompetenztrainings zur gezielten Schulung von Soft-Skills sowie Fremdsprachentraining.

- Insgesamt **2-6 LP**
- Es gibt Module mit und ohne Noten, für den Abschluss sind nur die Leistungspunkte relevant.
- Vielfältige Auswahl, z.B.
 - Sprachkurse (**Sprachzentrum**, nicht die eigene Muttersprache)
 - Seminare zu Selbstorganisation, Präsentation (**HoC**)
 - Seminare zu Kultur, Politik, Wirtschaft (**FORUM**)
 - Tutorenschulung: Möglich bei Anstellung an Lehrstuhl
 - „Special“ Vorlesungen, im Moment nur „Information, Wissenschaft und Verantwortung – aktuelle ethische Herausforderungen der IT“



Masterarbeit

- **30 LP**
- Kann begonnen werden, sobald
 - 60 LP im Master abgeschlossen sind.
 - davon 15 LP aus einem Vertiefungsfach stammen.
- Bearbeitungszeit: **6 Monate**
 - Kann per Antrag um 3 Monate verlängert werden.
 - Je nach Lehrstuhl erst verzögerte offizielle Anmeldung.
- Muss spätestens 3 Monate nach der letzten erbrachten Prüfung begonnen werden.
- Externe Masterarbeiten sind möglich (z.B. bei Unternehmen)
 - Zusätzlicher Betreuer am KIT erforderlich, dieser muss **in der Regel selbst gesucht werden**.



Masterprofile

Ein Zertifikat über die besonderen, im Profil erworbenen Kenntnisse

- Bestätigen eine **besondere Strukturierung** des Masterstudiums
 - Erfordert keinen Mehraufwand
 - Zusätzliches Zertifikat beim Abschluss (z.B.: "Master Informatik mit Profil IT-Sicherheit")
- **Achtung:** Schränkt die Vorlesungswahl deutlich ein.
 - Nur empfehlenswert, wenn geplante Fächerwahl ohnehin zum Profil passt.
- Ein Studium ohne Profil ist möglich und vollkommen **gleichwertig**.



Masterprofile: Übersicht

- Daten-intensives Rechnen
- Energieinformatik
- IT-Sicherheit
- Künstliche Intelligenz
- Multi-Scale Computing Systems
- Robotik
- Software Engineering
- Visual Computing

Weitere Informationen auf der [Webseite der Fakultät](#)



Weitere Angebote

- **Praxis der Forschung**
 - „angeleitete Durchführung eines wissenschaftlichen Forschungsprojekts“
 - Einzeln oder in Kleingruppen über 2 Semester
 - **24 LP** (20 LP im Projekt + 4 LP Schlüsselqualifikationen)
 - Infoveranstaltung am 23.04.2025 ab 11.30, [Anmeldung](#) online (oder morgen bei Meet the Chairs)
- **KASTEL-Zertifikat**
 - Bescheinigt Kompetenz in der IT-Sicherheit
- **Zertifikat „Softwareinnovation für das digitale Unternehmen“**
 - Bescheinigt Kompetenz in Unternehmenssoftware



Campus System

- Bürokratischer Teil des Studiums
 - Module wählen
 - Prüfungen an- und abmelden
 - Bescheinigungen erstellen
 - Rückmelden
- **Selbstverwaltung**

Online unter <https://campus.studium.kit.edu/>



Stundenplan – Empfehlung

- Veranstaltungen im Campus-System favorisieren
- Dann: iCal-Kalender in Google, Apple o.ä. einbinden
 - Kann bei Änderungen manchmal bis zu 24h dauern
- Lücken im eigenen Kalender nachfüllen
- **KIT E-Mails lesen!**



Bescheinigungen

- **Immatrikulationsbescheinigung**
 - Für Kindergeld und Krankenkasse
- **KVV-Bescheinigung**
 - Nahverkehr im KVV-Gebiet zusammen mit KIT-Karte
 - Montag bis Freitag ab 18:00 und an Wochenenden und Feiertagen

Rückmeldung

- Jedes Semester muss man sich aktiv Rückmelden
 - Dem KIT mitteilen, dass ihr weiter studieren wollt.
 - Auf den Rückmeldeknopf drücken und Geld überweisen.
 - Man wird erinnert, wenn man es vergisst.



Übersicht Online-Portale

- campus.studium.kit.edu → Prüfungsanmeldungen, Bescheinigungen, ...
- ilias.studium.kit.edu → Lernplattform

Seminare/Praktika-Anmeldungen:

- portal.wiwi.kit.edu („WiWi-Portal“)
- plus.campus.kit.edu („Campus+/SignMeUp“) → Hier auch FORUM-Kurse!
- Manchmal auch im ILIAS, manchmal per Mail ...

Überfachliche Qualifikationen:

- anmeldung.spz.kit.edu → Sprachkurse
- hoc.kit.edu → HoC-Kurse
- plus.campus.kit.edu („Campus+/SignMeUp“) → FORUM-Kurse!

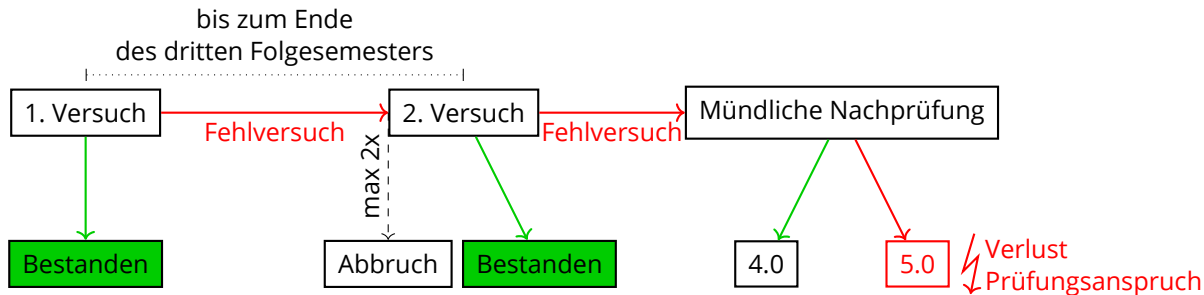


Schriftliche Prüfungen

- Termine zu Semesterbeginn angekündigt
- An- und Abmeldung im Campusportal
 - Abmeldung bis 24:00 Uhr am Vortag
 - Vor Ort ist eine Abmeldung bis zur Ausgabe der Klausur möglich.
- Zwei Versuche & mündliche Nachprüfung
- Zweiter Versuch nicht verpflichtend
 - Verschieben von nicht-bestandenen Prüfungen in Zusatzleistungen 2 mal möglich



Schriftliche Prüfungen

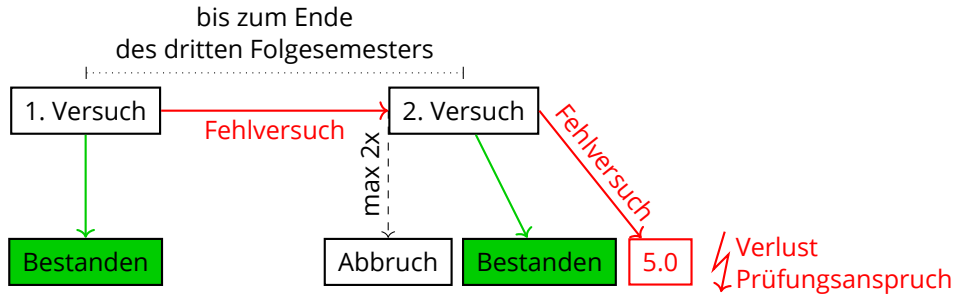


Mündliche Prüfungen

- Termin wird mit Prüfer / Sekretariat vereinbart
- Zusätzliche Anmeldung im Campusportal
 - Abmeldung bis 3 **Werk**tage vorher beim Prüfer (z.B. per E-Mail)
 - Späterer Rücktritt ist nur durch den Prüfungsausschuss möglich (z.B. durch Krankheit mit ärztlichem Attest) – auch beim Prüfer melden!
- Zwei Versuche (keine Nachprüfung)
- Verschieben in die Zusatzleistungen analog zu schriftlichen Prüfungen möglich



Mündliche Prüfungen



Prüfungen Anmelden, Schreiben, Einsicht

- Anmeldung rechtzeitig online im Campus System
 - Am besten so bald wie möglich
 - Mündliche Prüfungen mit Prüfer / Sekretariat vereinbaren
- Nicht erscheinen trotz Anmeldung → 5.0
- Noten werden im Campus System veröffentlicht
- **In die Einsicht gehen!**
 - Es wird auch mal vergessen, ganze Aufgaben zu zählen

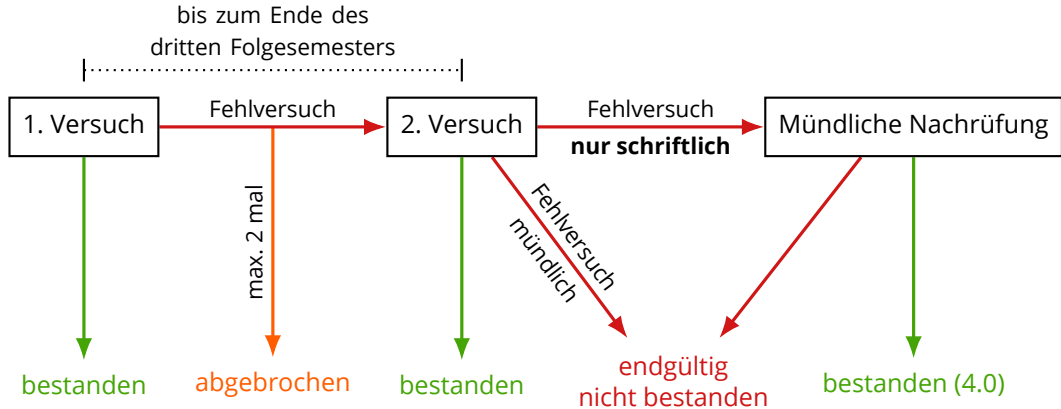


5.0 Trotz Einsicht

- Dann **zweiter** Versuch (meistens im nächsten Semester)
- Bei **schriftlicher Klausur** folgt nach dem zweiten Versuch die „mündliche Nachprüfung“
 - Zeitnah zur Prüfung
 - Verbesserung von 5.0 auf 4.0
- Sonst: „Verlust des Prüfungsanspruchs“
 - Zwangsexmatrikulation
 - Studium bei „inhaltlicher Nähe“ auch **an anderen Hochschulen nicht möglich!**
- Aber: **Härtefallantrag**
 - Dazu später mehr



Wiederholungsprüfungen – Übersicht





Probleme im Studium

Der „Härtefallantrag“

- Eigentlich „Antrag auf Zweitwiederholung“
- Gibt euch einen dritten Versuch
 - Jede Note möglich
 - Bei schriftlicher Prüfung auch wieder mündliche Nachprüfung
- Muss begründet sein
 - Wird im „Prüfungsausschuss“ entschieden
 - **Wendet euch vorher an die Fachschaft**



Höchststudiendauer

- Maximal 7 Semester
- Verlängerbar auf Antrag
 - Muss vor Ablauf des 7. Semesters gestellt werden.
 - Ähnlich zum „Härtefallantrag“, selbes Gremium.
 - Auch hier: **Vorher zur Fachschaft gehen**

Regelstudienzeit

- 4 Semester, **nicht** die durchschnittliche Studiendauer
- Vor allem wichtig für Stipendien und BAföG





**Ansprech-
partner**

Informatik Studiengangsservice (ISS)

Der Informatik Studiengangsservice ist direkt der Geschäftsführung der Fakultät für Informatik zugeteilt und im Wesentlichen zuständig für administrative Aufgaben im Zusammenhang mit dem Studienangebot, die Betreuung der Prüfungsausschüsse und Kommissionen sowie die zentrale Fachstudien- und Prüfungsberatung.

- Gibt Rechtssichere / „offizielle“ Auskünfte zum Informatikstudium.
- Ansprechpartner für alle administrativen / organisatorischen Fragen
 - Umbuchungen von Modulen
- E-Mail: beratung-informatik@informatik.kit.edu
 - Anträge mit der KIT-Mailadresse schicken.



Prüfungsausschuss

- Entscheidet z.B. über Härtefallanträge, Verlängerung von Studienzeiten, ...
- Anträge werden
 - Entweder über das [WiWi-Portal](#) eingereicht
 - oder beim ISS eingereicht (beratung-informatik@informatik.kit.edu)
- Aus der Fachschaft sind auch Studis in den Prüfungsausschüssen vertreten – wir bieten auch spezielle Sprechstunden und Beratung an!
 - per Mail: info-pruefungsausschuss@fsmi.org



Die Fachschaft

- Sprechstunden
- E-Mail an info@fsmi.org
- Altklausurenverkauf: <https://exams.fsmi.org>

Fachschaft Informatik

Im Keller des Infobaus (Raum -124, Richtung ATIS)

Fachschaft Mathematik

Im EG des Mathebaus (Raum 0.002)





Fragen?

Komm in die Fachschaft

- Interessenvertretung (Zum Beispiel in Unigremien)
- Veranstaltet Feste und auch diese O-Phase
- Beratung, Klausurverkauf, studentische Vertretung, Softwareprojekte

Dein Weg in die Fachschaft

- Sprechstunde
- Semesterauftakttreffen (SAT) am Dienstag, den 29.04.2025 um 19:00 im Infobau
- Fachschaftsrat (FSR) am Mittwoch, den 23.04.2025 um 17:30 im Infobau



Weiteres Programm

- Ab 15:30 – Spiele im InformatiKOM 1 (Nachbargebäude)
- Ab 18:00 – Grillen am Info-Bau
- Morgen: Meet the Chairs ab 14:30 im InformatiKOM 1





**Thank for your time
&
have a great start to your studies at KIT!**

**Exchange Students please stay for information
regarding Learning Agreements**