

ISRT: Pre-Arrival Orientation

for KIT Department of Informatics

Winter Semester 2026/27

**KIT Department of Informatics
Informatics Study Program Service (ISS)**



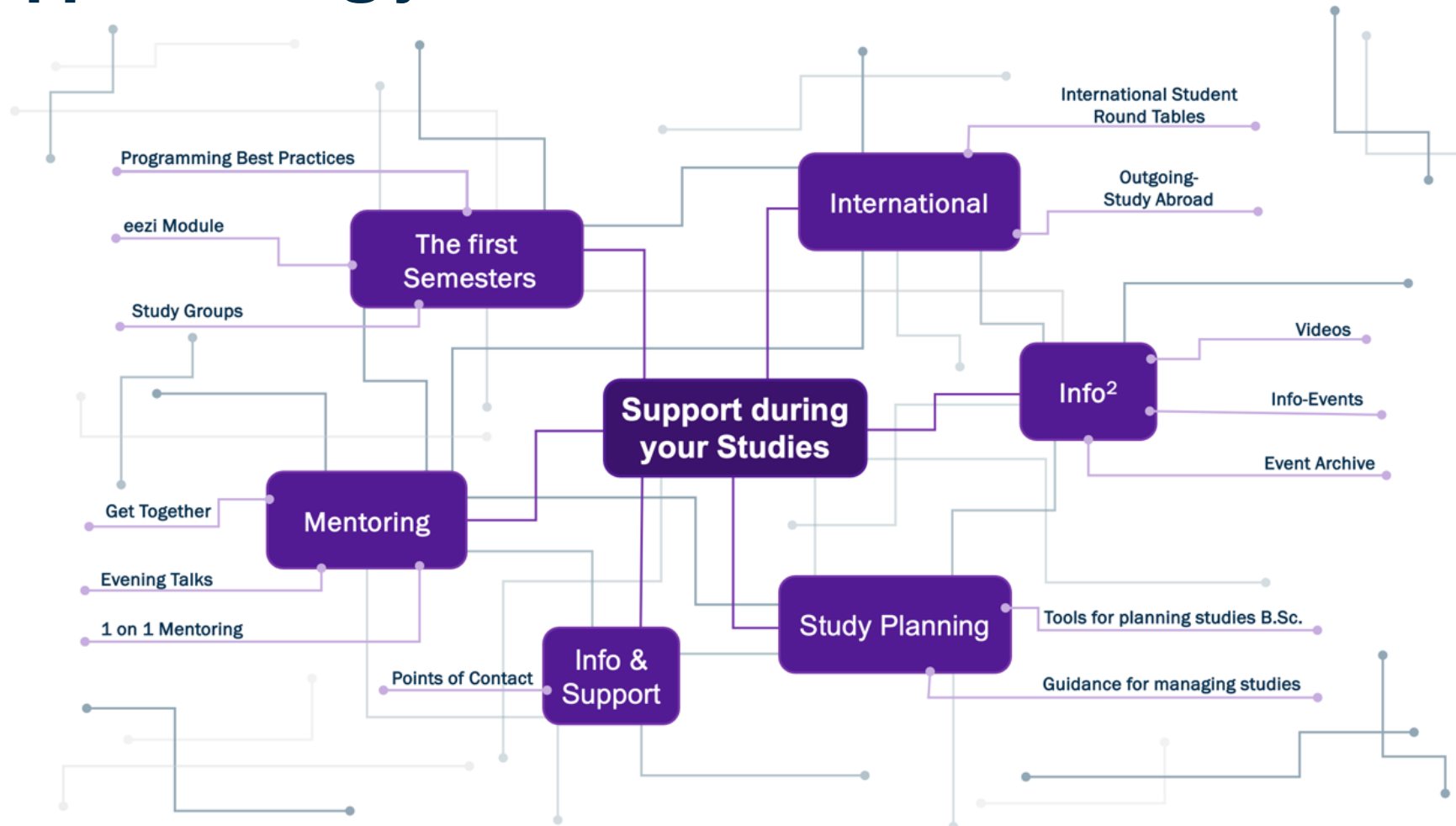


Agenda

1. Welcome to KIT & Overview
2. Getting Started Checklists
3. International Student: Residence permits
4. Academic calendar
5. Orientations & Other Events
6. Planning your Studies and Selecting Modules
7. KIT Resources for Course Selection and Your Studies
8. Living in Karlsruhe & Student Life at KIT
9. Points of Contact for Students
10. Websites and Videos
11. Q & A
12. Learning Agreements (relevant for exchange students)

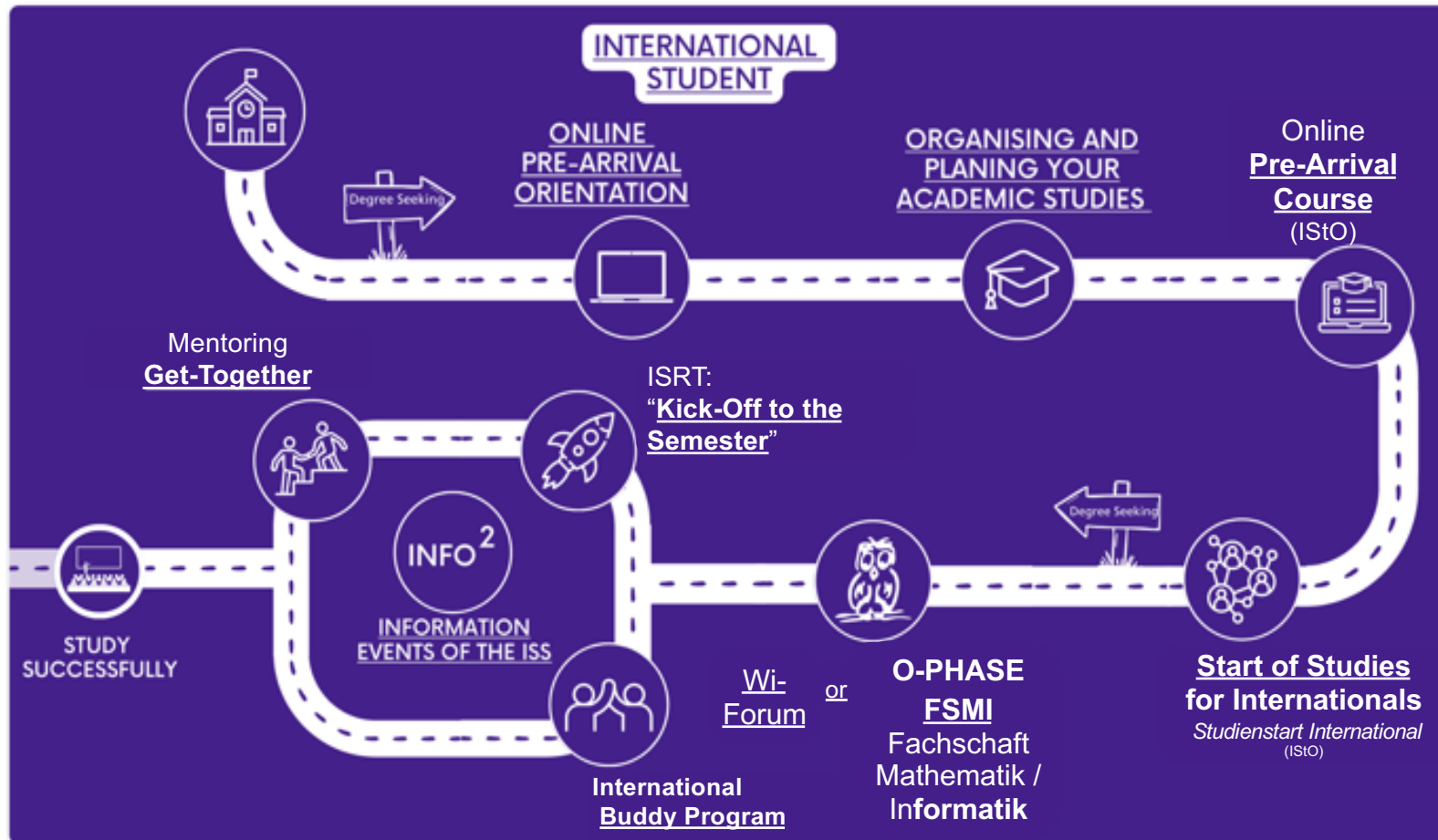
International Student Roundtable:
Pre-Arrival Online Orientation
(Winter Semester 2026-27)

Support during your Studies



ISS
Support
during your
Studies

Degree Seeking –Path

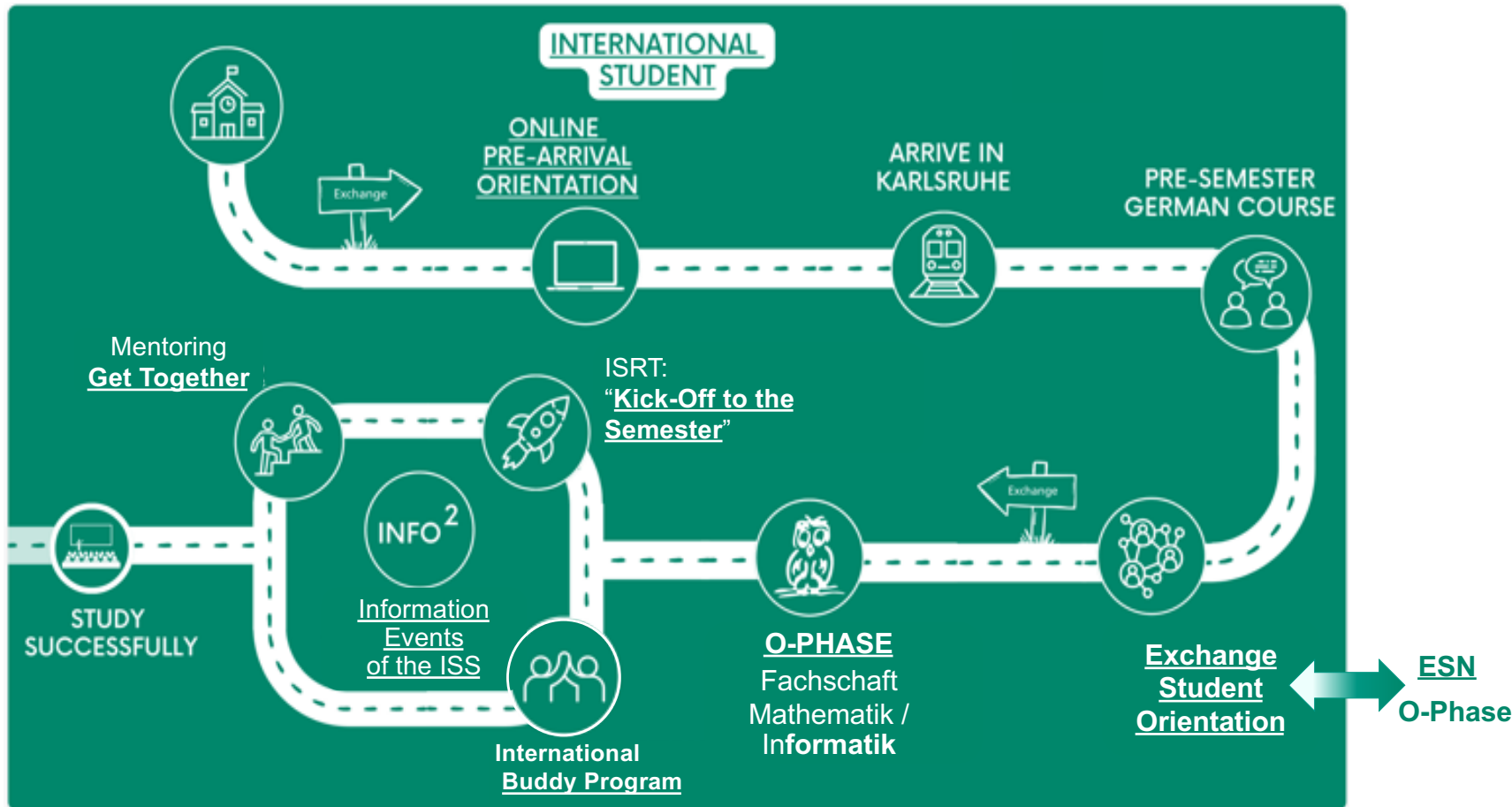


[KIT International Student Office \(IStO\)](#)
Degree Seeking



[KIT Department of Informatics](#)

Exchange/Temporary Students - Path



[KIT International Student Office \(IStO\) Exchange](#)



[KIT Department of Informatics Exchange](#)

Getting started Checklists

Chapter
2

Checklists - Organizational and Orienteering



- **Find [accommodations](#)** (as soon as you are admitted and until you have a place confirmed housing keep looking and following up on everything ;-)
- **Read thoroughly information on [websites](#)**
 -  **“[Your Road to KIT](#)” including [Health insurance](#), [bank account](#), etc...**
- **[Transportation](#)**
 - “Deutschland-Ticket” for regional transportation in Germany
 - Public transport ticket
 - Bike
- Add to your mobile the **KIT** [Campus Map](#)
- **International Student Office (IStO)** will provide vital information regarding for [Degree Seeking](#) and [Temporary Students](#) (Exchange):
 - [Visa](#) and [Entry Visa and Residence Title](#)
 - [Registered at Auslandsbehörde](#)
 - [Registration of Your Residence](#)
 - [Enrollment](#) for Bachelor and Master students
 - [Fees](#)
 - [Scholarships](#) for degree seeking students
- **Plan Arrival and Settle in time**
 - Takes time to get your bearings and adjust to life in KA before lectures start for the semester. In addition you need time to manage the bureaucratic aspects too

Checklists - Participate in all Orientations (Yes they are important)



Before Semester Start

☐ Degree Seeking Students

- Online
 - ☐ Pre-Semester Course (IStO)
- In person
 - ☐ Orientations (Yes they are important)
 - ☐ Start of Studies for Internationals
Studienstart International (IStO)
 - ☐ **FSMI** “Fachschaft” FSMI Master O-Phase
or Wi-Forum (depending on major)

☐ Exchange / Temporary Students

- In person
 - ☐ Pre-Arrival German Language Course
- ☐ Orientations
 - ☐ ESN with IStO orientation
 - ☐ FSMI “Fachschaft” FSMI Master O-Phase
(academic department)

Checklists – Enrollment and Academic



- **Enrollment** for degree seeking students:

- The page describes what you need to do in sequence for online enrollment (matriculation)

- [Plan your studies and course selection at KIT](#)

- Register for [tutorials](#)/seminars/labs

- [Study Planning](#)

- [Updating Your Data](#) on the [Campus Management \(Student\) Portal](#)

- [KIT card](#) (register and pick up)

Checklists - Participate in Events and Activities

Participate in Events and Activities in First Semester



□ [Department of Informatics events calendar](#)

□ **ISRT** (International Student Round Table)

- [“Kicking Your studies off](#) - answers and advice from advisors and Mentors: What you need to do in the first few weeks”: 4 November 2026, 5:45pm
 - Won't be able to arrive before the start of semester? Join via Zoom link in event calendar!

- [“In the Thick of it](#) - What next in my first semester”: 19 November 2026, 5:45pm

- [“Fit for exams and returning home](#)”: 15 December 2026, 5:45pm

□ **Mentoring Get-Togethers**

- 1 October 2026, 5:45pm
- 5 November 2026, 5:45pm
- 19 November 2026 (in combination with In the Thick of it)



- [FSMI Events](#) or [Wi-Forum events](#)

- [IStO](#) and [Buddy Program](#), and [ESN](#) , etc.



Entry Visa and Residence Title

International Student Residence permits

Chapter
3

Register your residence at the local registration office

Anyone who moves to Karlsruhe must register **within two weeks**

- if moving from another German city, this can initially be done **online**



- if moving from abroad a **personal visit is necessary**



Register your residence at the local registration office

for a personal visit to registration office (=Meldeamt/ Bürgerbüro)

The screenshot shows a web form titled 'Zuzug Studierende' with the Karlsruhe logo in the top right. The form is divided into three steps: 1. Dienstleistung (Dienstleistung wählen), 2. Reservierung (Bestätigung der Reservierung), and 3. Kontaktdaten (Kontaktdaten eintragen). Step 1 is active, showing a section 'Bitte Dienstleistung wählen' with a list of services. The first service, 'Zuzug nach Karlsruhe (Studierende)', is selected and marked with a green checkmark. Below the list, there is a counter showing '1'. A large red curved arrow points from the selected service to the 'weiter' button at the bottom right. The 'Zusammenfassung' section on the right is empty. At the bottom left, there is a 'Start' button with a refresh icon, and at the bottom right, a yellow 'weiter' button with a right arrow.

- time slots can be booked online
- go to the appointment with:
 - valid ID / passport
 - housing provider certificate
(= *Wohnungsgeber-Bescheinigung*)
 - visa / residence permit (= eAT)
- receive proof of registration
(= *Melde-Bescheinigung*)

Local Registration Office of the city of Karlsruhe (Meldebehörde)



Address:

Ordnungs- und Bürgeramt
Kaiserallee 8
76133 Karlsruhe

Service Times:

Monday – Friday 8.30 - 12.30h
Thursday 14.00 – 17.00h

Tel. 115

**ServiceCenter City /
Area District KA**

helps with all administrative question

Residence Permit (eAT)

Apply for a residence permit, well **before the expiry date of your visa!!!**

City of Karlsruhe

- submit the application online
-> Residence permit for training
- or send application by email: abh@oa.Karlsruhe.de
- or send application by post / or drop application in the letter box at:
Ausländerbehörde, Kaiserallee 8, 76133 Karlsruhe



Landkreis Karlsruhe

- submit the application online
-> Residence permit for training
- or send application by email
- or send application by post / or drop application in the letter box at:
Landratsamt KA, Kriegsstraße 100, 76133 Karlsruhe



No need for a personal visit at this point !!!

Residence Permit (eAT)

Sources of Information for the Process

KIT International Students Office (English/German)



AniKA (many languages)



Help

welcome@intl.kit.edu

Consultation Hours, Monday – Thursday, 11h-13h, at the International Student Hub, Kaiserstr. 14, Bldg. 01.90

Overview of Academic Calendar

Chapter
4

KIT - Academic Calendar



 [Home](#) [Legals](#) [Data Protection](#) [Sitemap](#) [KIT](#) [DE](#) [Search](#)

[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

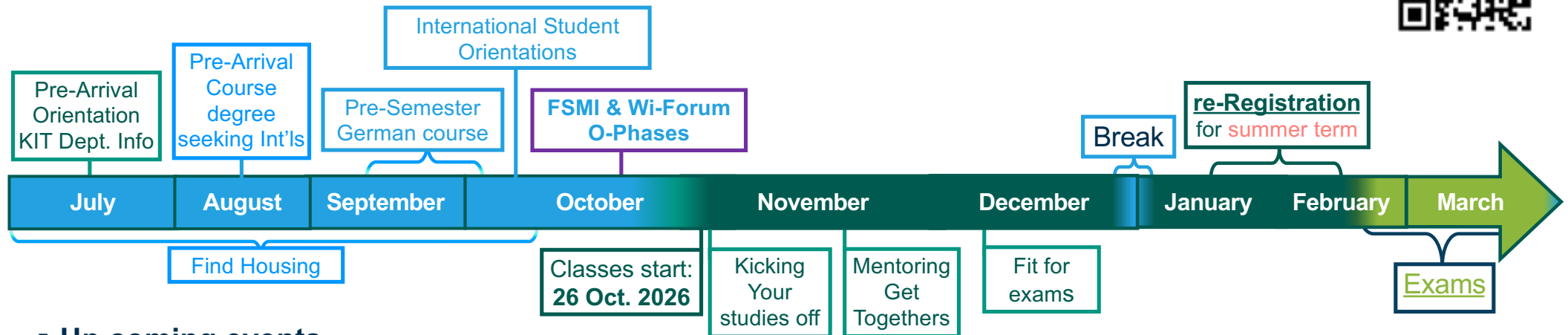
[Home](#) > [During Your Studies](#) > [Organizational Matters](#) > [Dates and Deadlines](#)

Dates and Deadlines

	Semester duration	Lecture period	Recess
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
Summer term 2027	04-01-2027 to 09-30-2027	04-19-2027 to 07-31-2027	05-17-2027 to 05-22-2027
Winter term 2027/28	10-01-2027 to 03-31-2028	10-25-2027 to 02-19-2028	12-24-2027 to 01-06-2028
Summer term 2028	04-01-2028 to 09-30-2028	04-18-2028 to 07-29-2028	06-05-2028 to 06-10-2028

KIT - Academic Calendar

Winter Semester 26-27



Up coming events

- **Pre-Semester German Course:** 14. Sept. – 2. Oct. 2026
- **Orientations:** Pre-Arrival Course, International Student Affairs Orientations (separate for degree seeking & exchange), *FSMI or *Wi-Forum O-Phase (*depended on your major)
- **Info² and Mentoring Events including:**
 - Kicking Your studies off, In the Thick of it”, “Fit for exams and returning home”, Mentoring Get Togethers
- **Break: Winter break** – is lecture-free from 24 December to 6 January
- **Exams:** Many exams take place during the lecture free period from February to the end of March
 - sometimes there are already some assessments earlier in semester

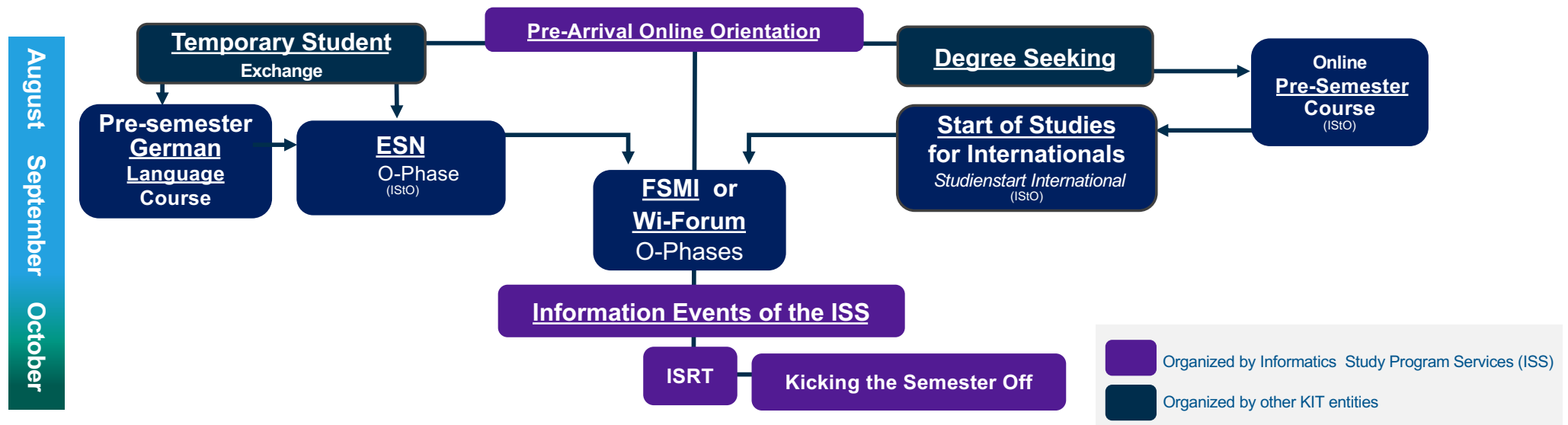
Orientation and Other Events

Chapter
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Overview to Orientations

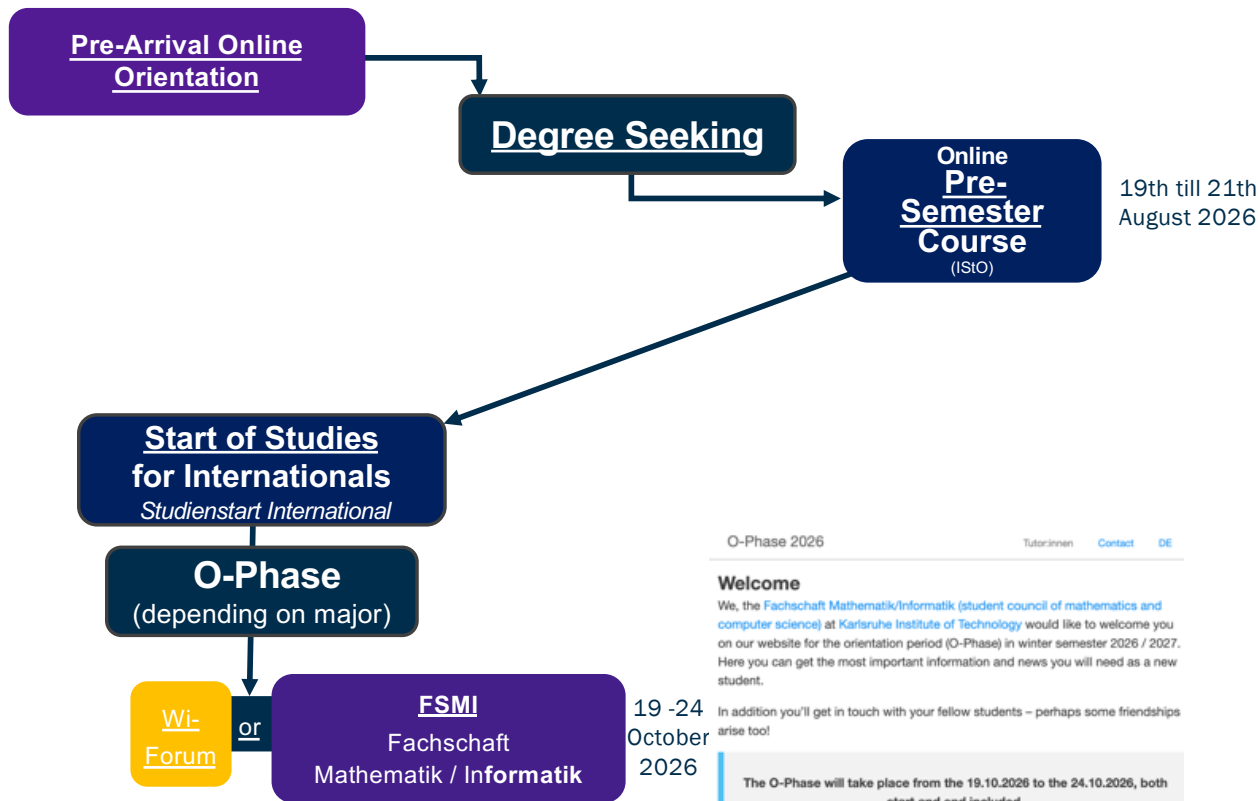
□ Participate in Orientation

- Each of orientation focus a different content that is relevant to studying at KIT and living in Germany
- Yes, there will be a few places where you receive the same information more than once, but for good reasons and often slightly different perspective
- An important reason to attend is that you can start build a social network, get information regarding your major and find study partners



Before Semester Start Orientations for Degree Seeking Students

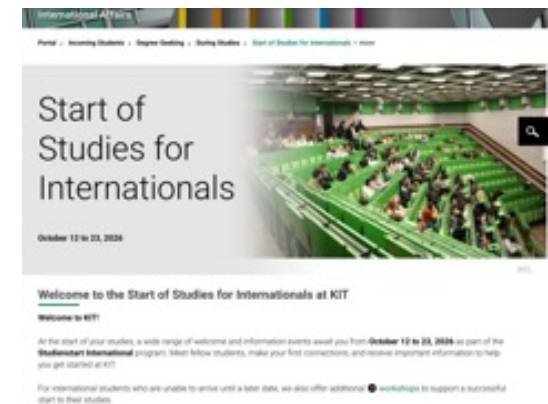
July
August
September
October



■ Online Pre-Semester Course

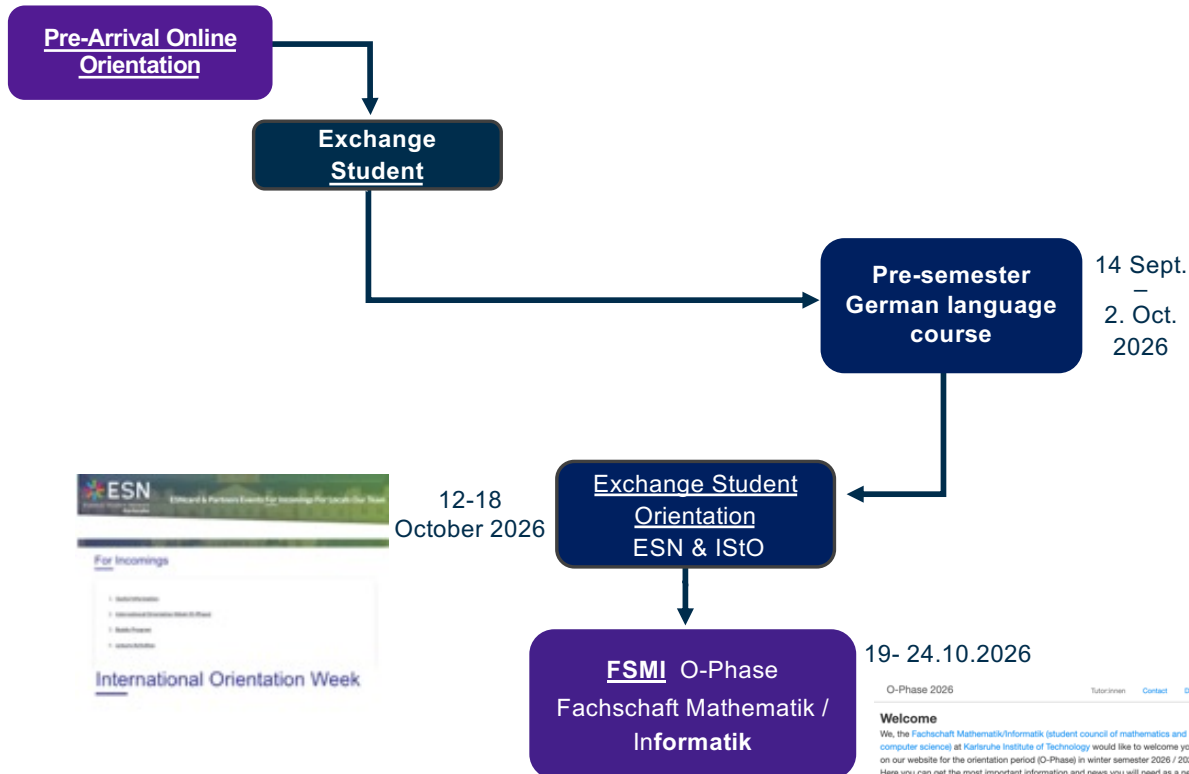


■ Studienstart International



Before Semester Start Orientations for Exchange/Temporary Students

July August September October



O-Phase 2026

Welcome

We, the Fachschaft Mathematik/Informatik (student council of mathematics and computer science) at Karlsruhe Institute of Technology would like to welcome you on our website for the orientation period (O-Phase) in winter semester 2026 / 2027. Here you can get the most important information and news you will need as a new student.

In addition you'll get in touch with your fellow students – perhaps some friendships arise too!

The O-Phase will take place from the 19.10.2026 to the 24.10.2026, both start and end included.

While the whole O-Phase is voluntarily, we really recommend participating to ease up the first weeks of your first semester. It's not going to be boring, we promise!

FSMI (Fachschaft Mathematik/Informatik)

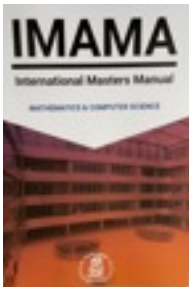


Informatics students representative body that provides assistance and various services including [O-Phase](#), advising answer queries and advice regarding the major, sells copies of old exams, and offers social activities chance to connect with other students in your major etc.



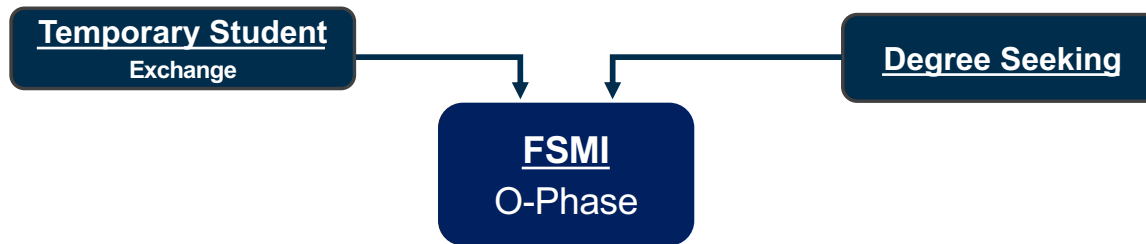
FSMI Int'l
Website

- Location: Building 50.34, Room -124 (cellar)
- Website <https://www.fsmi.org/en/offers/international-students/>
- E-Mail: international@fsmi.org



- FSMI they have lots of helpful information on their website to help you get off to a good start! Including:
 - [Study Program Information Computer Science M.Sc.](#)
 - [FAQs](#) and [Internation FAQs](#)
 - Overview to academic structure of major and [IMAMA \(International Master Mathematics\) Handbook](#)

FSMI (Fachschaft Mathematik/Informatik)



▪ Participate Fachschaft's in Orientation

- This is the primary academic orientation for the informatic/computer science major and very important to participate in!
- Attend informative events on the topics of organizing and managing your major at KIT
- Talk with informatics /computer science students in higher semesters, who can answer questions on individual basis
- Meet other new students and start building your social network/circle and study group at KIT
- Have fun with games, parties and excursions while exploring the KIT campus and Karlsruhe in small groups

FSMI O-Phase: 19 - 24 October 2026

Fachschaft in Orientation

➔ **O-Phase**

Do I have to register?
Please do! There is a form linked on the [main page](#) where we ask you to fill out some questions and tell us which events you would like to attend. This is necessary since we need to make reservations upfront for a few locations. In case you want to participate on short notice, this should still be possible. Just [contact us](#) to let us know.

Important events in the O-Phase
The **Study program information** (Fachbereichsinformationen, FBI) is super important since we will tell you everything relevant for your studies here. We strongly advise you to attend the study program information even if you've got your bachelor's degree at KIT and especially if you didn't.

At the research group introductions **Meet the Chairs**, professors will give you information about their research direction, how to apply for a master's thesis and such. You also have the chance to ask questions.

I have missed the O-Phase - what now?
Don't worry, nothing is lost. You can get the most relevant information from our Homepage. You can also still join the Telegram-Group from your invitation. Getting to know people is also still possible - there will be more events like the hopefully upcoming "Masterstammtisch".

- ➔ **Schedule for the week**
- Example of what to expect
 - Especially important are the welcome session and International Q&A

O-Week WS25/26		Monday (20.10)	Tuesday (21.10)	Wednesday (22.10)	Thursday (23.10)	Friday (24.10)	Saturday (25.10)	Sunday (26.10)
Morning	09:00 AM - 12:00 PM	Opening Event (Bachelor: Audimax , Master: Engler Bunte Hörsaal)	Groups	Groups	Groups	Groups	10:00 AM - 01:00 PM Girls' Brunch (Mathebau)	
Afternoon	02:00 PM	Groups	Fachbereichsinformation 03:30 PM Mathematics Faculty Meet and Greet (Mathebau)	11:00 AM - 05:00 PM O-Rallye	01:00 PM - 02:30 PM to 05:00 PM: Informatics Meet the Chairs (InformatIKOM) 05:00 PM O-lympic (Forum)	11:30 AM - 12:30 PM Closing Event (Gerthaus)	01:00 PM: Mathematicians' Afternoon (Mathebau) 03:00 PM Internationals Q&A (Infobau , Raum -101)	
Evening	06:00 PM	Dinner (Infobau)	19:00 O-Phase (AJOK)	Groups	Groups	Groups		18:00 Masterstammtisch (Vogelbräu)

FSMI (Fachschaft Mathematik/Informatik)

■ [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 (6-9 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)				

Other Fachschaft

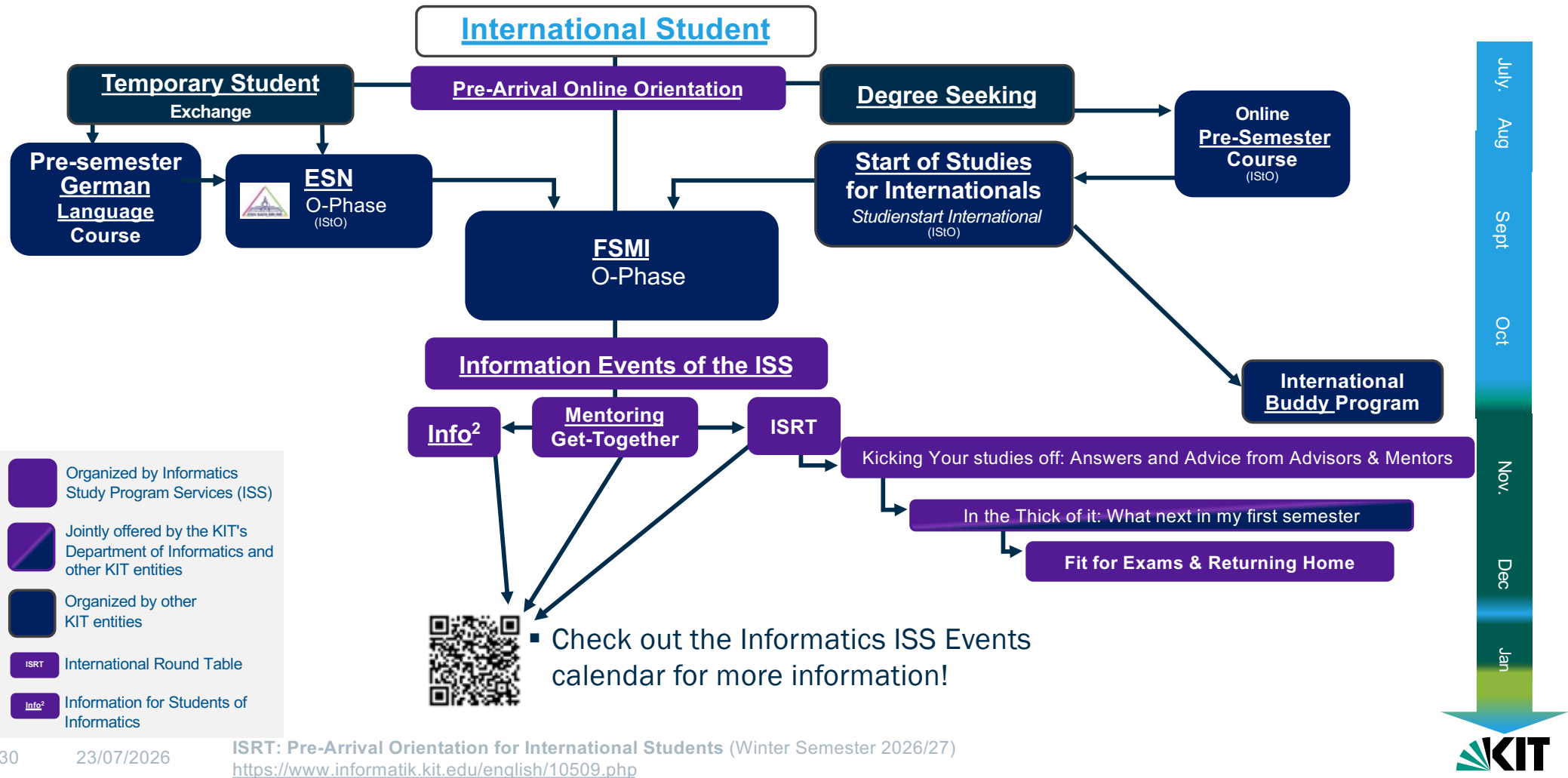
- If you are in a different department the check out Information to your [Fachschaft on the AStA at KIT](#) website!
- Architecture - [Architektur](#)
- Art History - [Kunstgeschichte](#)
- Civil Engineering, Geo and Environmental Sciences - [Bauingenieurwesen](#)
- Chemistry and Biosciences - [Chemie und Biowissenschaften](#)
- Chemical and Process Engineering and Mechanical Engineering - [Maschinenbau und Chemieingenieurwesen](#)
- Electrical Engineering and Information Technology - [Elektro- und Informationstechnik](#)
- Geodesy and Geoinformatics - [Geodäsie und Geoinformatik](#)
- Humanities and Social Sciences - [Geistes- und Sozialwissenschaften](#)
- Mathematics – [Mathematik](#)
- Physics - [Physik](#)
- Sports and Sports Science - [Sport](#)
- Economics and Management - [Wirtschaftswissenschaften](#)

Are you enrolled in a Another Department /Faculty?

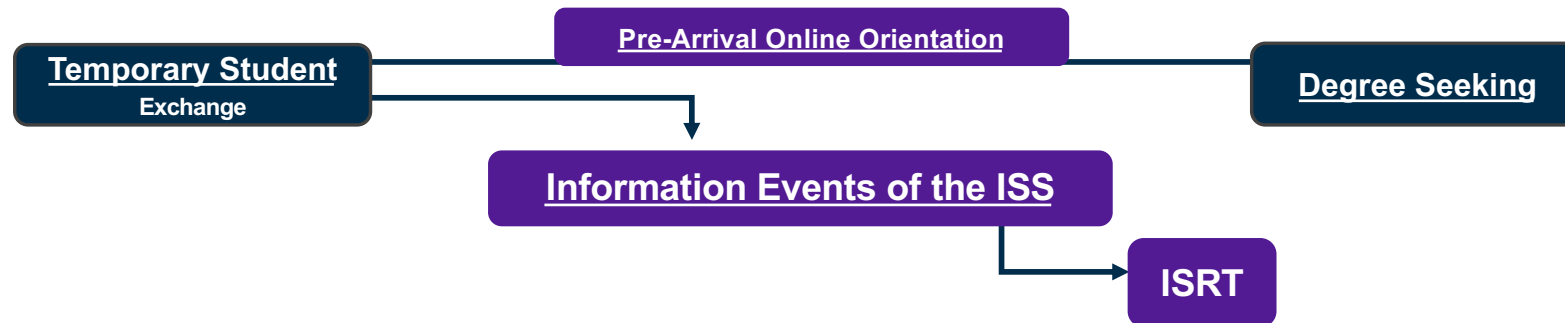
Departmental Coordinator Contact Information (exchange / temporary students)

- If you need support with regards to your studies and registration, please contact your departmental coordinator at KIT or visit the webpage of the Department of:
 - KIT – Fakultät für Architektur/KIT – [Department of Architecture](#)
 - KIT – Fakultät für Bauingenieur-, Geo- und Umweltwissenschaften/KIT – [Department of Civil Engineering, Geo and Environmental Sciences](#)
 - KIT – Fakultät für Chemie und Biowissenschaften/KIT – [Department of Chemistry and Biosciences](#)
 - KIT – Fakultät für Chemieingenieurwesen und Verfahrenstechnik/KIT – [Department of Chemical and Process Engineering](#)
 - KIT – Fakultät für Elektrotechnik und Informationstechnik/KIT – [Department of Electrical Engineering and Information Technology](#)
 - KIT – Fakultät für Geistes- und Sozialwissenschaften/KIT – [Department of Humanities and Social Sciences](#)
 - KIT – Fakultät für Maschinenbau/KIT – [Department of Mechanical Engineering](#)
 - KIT – Fakultät für Mathematik/KIT – [Department of Mathematics](#)
 - KIT – Fakultät für Physik/KIT – [Department of Physics](#)
 - KIT – Institut für Sport und Sportwissenschaft/KIT – [Institute of Sports and Sports Science](#)
 - KIT – Fakultät für Wirtschaftswissenschaften/KIT – [Department of Economics and Management](#)

First Semester Flow – WS26/27



International Student Roundtable



- **Participate in all ISRT** (International Student Roundtable) in your first semester
 - Vital information and tips navigating your first semester from enrollment to exams at KIT at the relevant points in the semester
 - “[Kicking your studies of](#)” on 4 November 2026 5:45pm
 - “In the Thick of it” on 19 November 2026 (combined with mentoring Get together)
 - “Fit for exams and returning home” on 15 December 2026

Planning your Studies and Selecting Modules

Chapter
6

Planning your studies

For most Modules you do not need to be officially enrolled in it in the first few weeks

*Please note there are a few exceptions

Exchange students in Informatics:

- 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
- Read through the Module handbook (MH) on the Form and Document site [English](#) & [German](#)
 - No matter your academic level, you can choose modules at bachelor or at master level 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 updated by 25 November 2026**

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) on the Form and Document site [English](#) & [German](#)

Planning your Studies

Degree seeking students:

Top down

- choose specialties and minor
- choose minor
- choose modules within each
- plan each semester according to when the courses and exams are offered.

Bottom up

- choose modules for your first semester according to your preferences
- make sure the courses are being offered this semester
- plan further semester in march using Top down

2 Structure of the Master Program of Study

To complete the masters' degree in computer science students need to complete 120 CP. The credits are mostly achieved through taking different modules but also through the master thesis (30 CP). Students are allowed to exceed the maximum of 120 CP by one single module. Credits should be spread out evenly over all semesters.

The table in Figure 1 contains an overview of the Master Program of Study.

Sem.	Area	Area of Specialization I min. 15 CP	Area of Specialization II min. 15 CP	Elective Studies max. 49 CP	Minor Studies 9 – 18 CP	Key Competences 2 – 6 CP
1		Advanced Mandatory Module I	Advanced Mandatory Module II Advanced Mandatory Module IV	Advanced Mandatory Module III		
2		Seminars (min. 3 CP) + Practical Courses (min. 6 CP) = in total min. 12 CP / max. 18 CP				
3		min. 10 CP Lecture modules	min. 10 CP Lecture modules	Elective modules		
4		Master Thesis 30 CP				

Figure 1: Structure of the Master Program of Study

During the studies at least four advanced mandatory modules (with 6 CP each) must be completed. They can be chosen in one of the specialization areas or in the elective studies area.

Mandatory	
Master's Thesis	30 CP
Areas of Specialization (Elective 2 items)	
Area of Specialization: Algorithm Engineering	15-75 CP
Area of Specialization: Cryptography and Security	15-75 CP
Area of Specialization: Data Science	15-75 CP
Area of Specialization: Design of Embedded Systems and Computer Architectures	15-75 CP
Area of Specialization: Human-centred Machine Intelligence	15-75 CP
Area of Specialization: Robotics and Automation	15-75 CP
Area of Specialization: Software Engineering and Complex Construction	15-75 CP
Area of Specialization: Telemedicine	15-75 CP
Area of Specialization: Theoretical Foundations	15-75 CP
Mandatory	
Elective Studies in Informatics	6-49 CP
Minor Studies (Elective 1 item)	
Minor Studies: Electrical Engineering	8-18 CP
Minor Studies: Mathematics	8-18 CP
Minor Studies: Economics	8-18 CP
Minor Studies: Law	8-18 CP
Mandatory	
Interdisciplinary Qualifications	2-6 CP

4 MODULES

Module: IT Security [M-INFO-100998]

M
4.51 Module: IT Security [M-INFO-100998]

Coordinators: Prof. Dr. Jens Müller-Quade
 Prof. Dr. Christian Weisneger

Organization: KIT Department of Informatics

Part of: Area of Specialization: Cryptography and Security
 Elective Studies in Informatics

Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each winter term	1 term	English	4	2

Mandatory						
T-INFO-113860	IT Security	6 CP	Müller-Quade, Weisneger			

4 MODULES

Module: Practical Course: Human-Centred Robotics [M-INFO-100646]

M 4.89 Module: Practical Course: Human-Centred Robotics [M-INFO-100646]

Coordinators: Prof. Dr. Katja Mombaur

Organization: KIT Department of Informatics

Part of: Area of Specialization: Robotics and Automation

Area of Specialization: Human-Centred Machine Intelligence

Elective Studies in Informatics

Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each term	1 term	English	4	1

Mandatory

T-INFO-113860 Practical Course: Human-Centred Robotics 6 CP Mombaur

4 WOODS.ES

Module: Software Engineering II [M-INFO-187235]

4.162 Module: Software Engineering II [M-INFO-187235]

Coordinators: Prof. Dr.-Ing. Armin Kottisch
Prof. Dr. Barbara Monmeier
Prof. Dr. Ralf Reussner

Organization: KIT Department of Informatics

Part of: Area of Specialization: Software Engineering and Complex Construction
Elective Studies in Informatics

Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each summer term	1 term	English	4	1

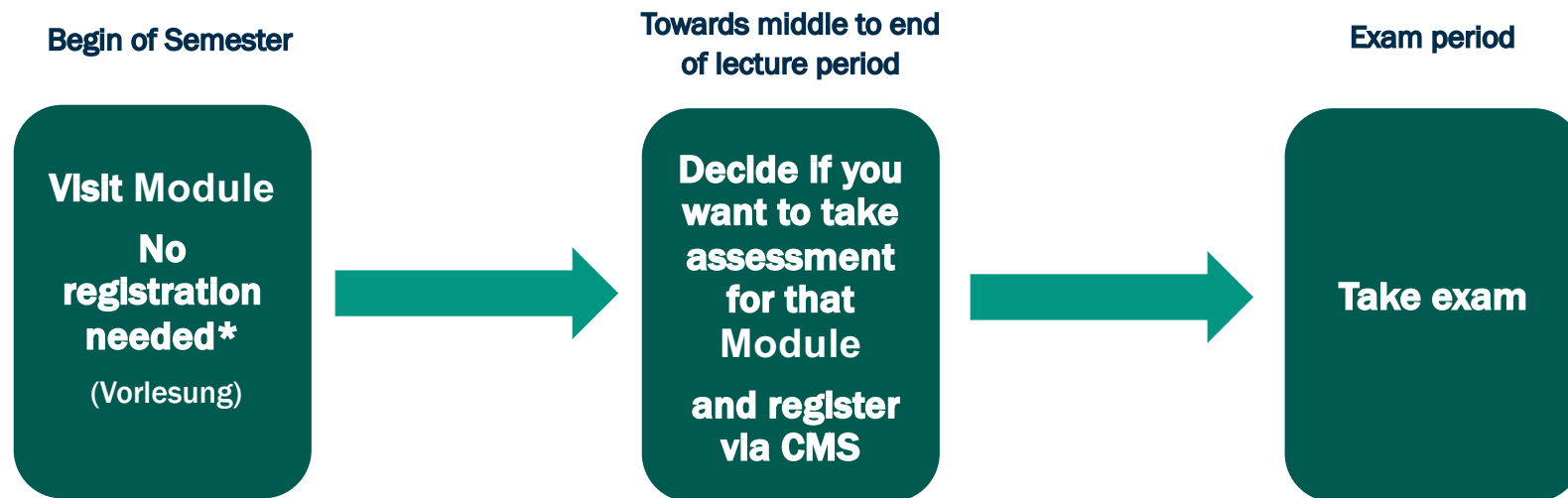
Mandatory		
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T-INFO-114256	Software Engineering II	6 CP
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Kottisch, Monmeier, Reussner

4 MODULES		Module: Seminar: Law and Legal Studies [M-INFO-187028]				
M 4.147 Module: Seminar: Law and Legal Studies [M-INFO-187028]						
Coordinators: TT-Prof. Dr. Frederike Zühlke						
Organization: KIT Department of Informatics						
Part of: Minor Studies: Law						
Credits	Grading	Recurrence	Duration	Language	Level	Version
3 CP	graded	Each term	1 term	English	4	1
Mandatory						
T-INFO-114094	Seminar: Law and Legal Studies			3-CP Dr. Zühlke, Poth		

How registration for lectures/exams at KIT work



- You can visit multiple Modules in the first weeks and later decide which ones you want to continue
- In CMS ([Campus Management for Students](https://www.informatik.kit.edu/english/10509.php)) you can see when you will be able to register for the exam (Usually 1-2 months before the exam period)
- This is just the case for Module with lectures
 - *For seminars, labs and thesis you may need registered for earlier

Overview to Modules

Lecture

(Vorlesung)

- Registration later in Semester (*only need to register for the exam, most of the time not for attending)
- **Übung:** Sometimes a lecture also includes an **Übung** (which is a type lecture that builds on the material of the primary lecture by providing further explanations of the lecture content, examples, ect.)
- **Tutorial:** register in first week of the semester. Tutorials review lecture material, answers questions, provides basic examples, reviews worksheet, etc.
- **Worksheets:** note that some lectures also include exercises, which must be successfully completed in order to complete the overall module. Therefore, you need to know if the module has compulsory or non-compulsory worksheets

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 ...)
- May need to register for the start of the semester

Lab

(Praktikum)

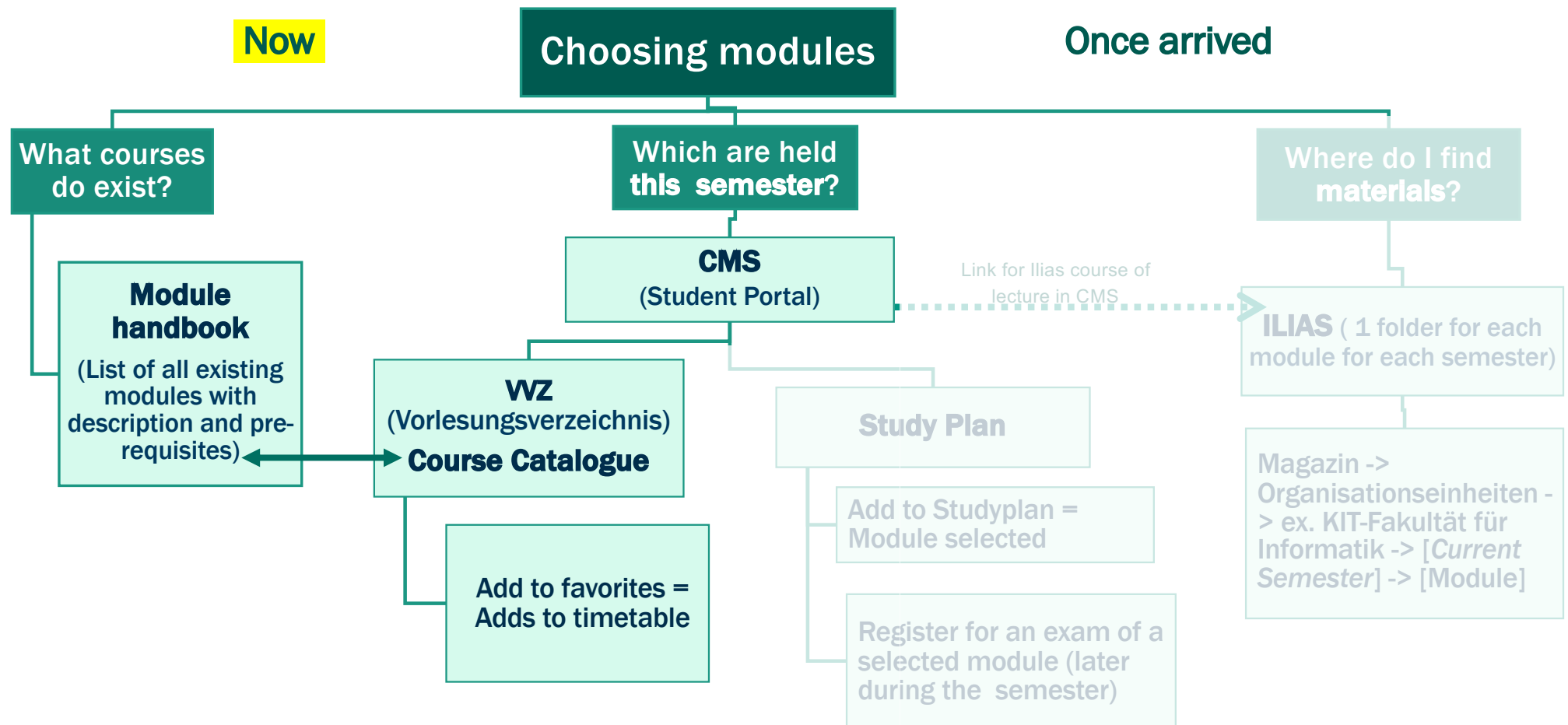
- Acquire more practical skills
- Must register before courses begin (depending on the lab: ILIAS/ Website/ Email/ Wiwi-Portal ...)
- May need to register for the start of the semester

Thesis

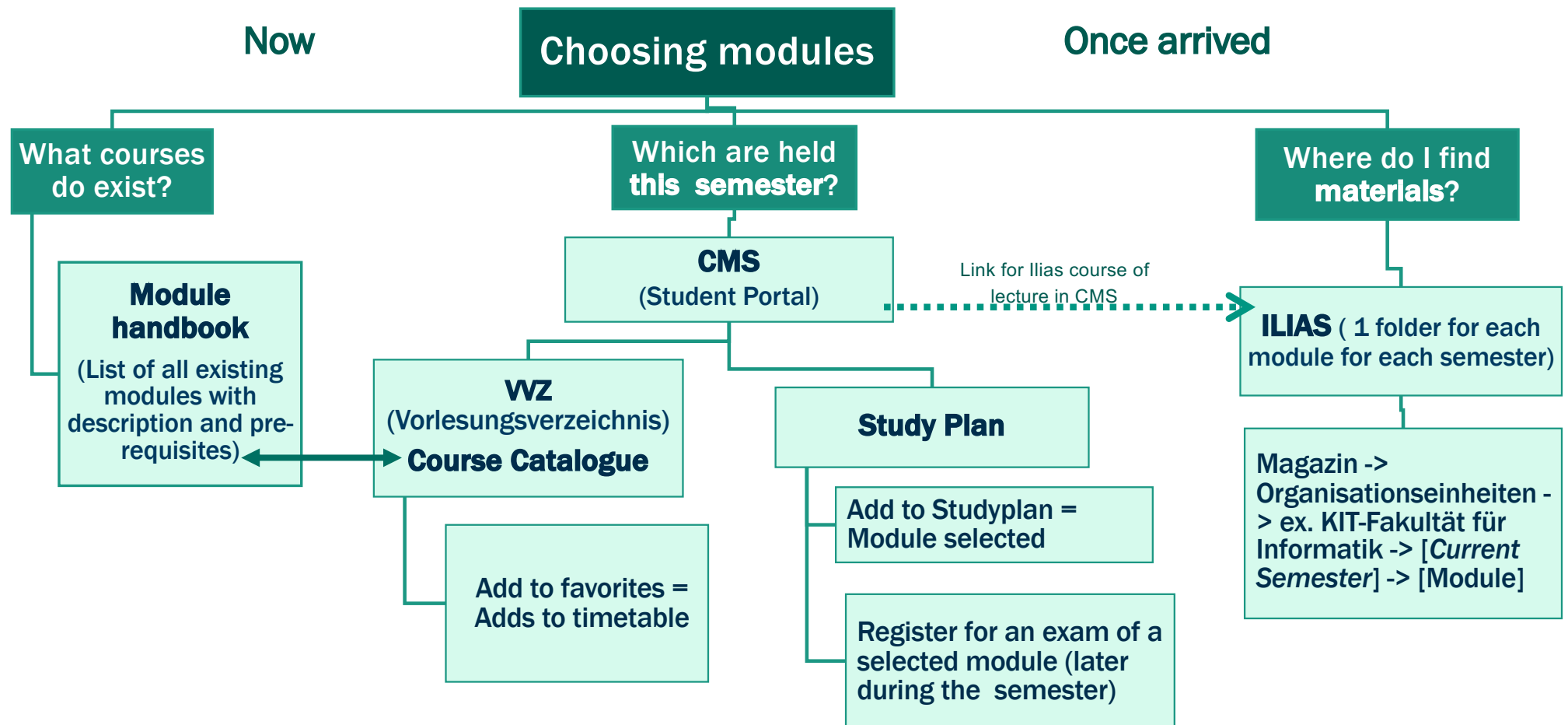
Bachelor-/
Master

- 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

Module /Course Selection – Flow chart



Module /Course Selection – Flow chart



Your Studies and Course Selection at KIT

Module Handbook and Course Catalogue(“VVZ”)

■ Module Handbook

- Be sure to choose the correct Module Handbook for your studies (both major and BSc. or Msc.) and the Handbook is updated each semester

Modulhandbücher

	Bachelor	Master	Master Erweiterungsfach
Informatik	SPO 16 Modulhandbuch SS 2026 [de PDF] [de html]	SPO 17 Modulhandbuch SS 2026 [de PDF] [de html]	
	SPO 22 Modulhandbuch SS 2026 [de PDF] [de html]	SPO 23 Modulhandbuch SS 2026 [de PDF] [de 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 2026 [de PDF] [de html]	Modulhandbuch Master SS 2026 [de PDF] [de html]	Modulhandbuch Erweiterungsfach SS 2026 [de PDF] [de html]
Computer Science (INT)		Master Module handbook summer semester 2026 [en PDF] [en html]	

Archive Module Handbooks

■ When selecting modules

- you will need to use the **Module Handbook** in combination with **Course Catalogue** (“VVZ”) Campus Management
- Always start with Module Handbook and click the link in it, it will take you to **Course Catalogue** (see next slide)

Your Studies and Course Selection at KIT

Module Handbook and Course Catalogue("VVZ")

- Ex.= Human Computer Interaction
- Module Handbook

M 4.45 Module: Human Computer Interaction [M-INFO-107166]

Coordinators: Prof. Dr.-Ing. Michael Beigl
Organisation: KIT Department of Informatics
Part of: Area of Specialization: Telematics
Area of Specialization: Human-centred Machine Intelligence
Elective Studies in Informatics

Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each summer term	1 term	English	4	1

Mandatory			
T-INFO-114192	Human-Computer-Interaction	6 CP	Beigl
T-INFO-114193	Human-Computer-Interaction Pass	0 CP	Beigl

Assessment
See partial achievements (Teilleistung)

Prerequisites
See partial achievements (Teilleistung)

Competence Goal
After completing the course, students will be able to reproduce basic knowledge about the field of human-machine interaction and apply basic techniques for analysing user interfaces, apply basic rules and techniques for designing user interfaces and evaluate existing user interfaces and their function.

Content
Topics are:
1. human information processing (models, physiological and psychological principles, human senses, action processes),
2. design principles and design methods, input and output units for computers, embedded systems and mobile devices,
3. principles, guidelines and standards for the design of user interfaces
4. technical basics and examples for the design of user interfaces (text dialogues and forms, menu systems, graphical interfaces, interfaces in the WWW, audio dialogue systems, haptic interaction, gestures),
5. methods for modelling user interfaces (abstract description of interaction, embedding in requirements analysis and the software design process),
6. evaluation of systems for human-machine interaction (tools, evaluation methods, performance measurement, checklists),
7. practising the above basics using practical examples and developing independent, new and alternative user interfaces.

Workload
The total workload for this course unit is approx. 180 hours (6.0 credits).
Attendance time: Attendance of the lecture 15 x 90 min = 22 h 30 min
Attendance time: Attendance of the exercise 8 x 90 min = 12 h 00 min
Preparation / follow-up of the lecture 15 x 150 min = 37 h 30 min
Preparation / follow-up of the exercise 8 x 360 min = 48 h 00 min
Go through slides/script 2 x 2 x 12 h = 24 h 00 min
Prepare exam = 36 h 00 min
SUM = 180h 00 min

5 MODULE COMPONENTS Module component: Human-Computer-Interaction [T-INFO-114192]

T 5.53 Module component: Human-Computer-Interaction [T-INFO-114192]

Coordinators: Prof. Dr.-Ing. Michael Beigl
Organisation: KIT Department of Informatics
Part of: M-INFO-107166 - Human Computer Interaction

Type	Credits	Grading	Term offered	Version
Written examination	6 CP	graded	Each summer term	1

Courses					
ST 2025	24059	Human-Computer-Interaction	2 SWS	Lecture / 53	Beigl, Lee

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

Assessment
The assessment is carried out as a written exam (of approx. 60 minutes) as a digital exam according to §2 (3) of the Statute for the implementation of online examinations. The exam takes place ON SITE at KIT!

Prerequisites
Participation in the exercise is compulsory and the contents of the exercise are relevant for the examination.

Modeled Prerequisites
The following conditions have to be fulfilled:
1. The module component T-INFO-114193 - Human-Computer-Interaction Pass must have been passed.

MODULE COMPONENTS Module component: Human-Computer-Interaction Pass [T-INFO-114193]

T 5.54 Module component: Human-Computer-Interaction Pass [T-INFO-114193]

Coordinators: Prof. Dr.-Ing. Michael Beigl
Organisation: KIT Department of Informatics
Part of: M-INFO-107166 - Human Computer Interaction
Prerequisite for: T-INFO-114192 - Human-Computer-Interaction

Type	Credits	Grading	Term offered	Version
Coursework	0 CP	pass/fail	Each summer term	1

Courses					
ST 2025	2400095	Human-Computer-Interaction	1 SWS	Practice / 54	Beigl, Lee

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

Assessment
The assessment is carried out as an examination of another type (§ 4 Abs. 2 No. 3 SPO).
Exercise sheets must be handed in regularly to pass the course. The specific details will be announced in the lecture.

Prerequisites
None.

Additional Information
Participation in the exercise is compulsory and the contents of the exercise are relevant for the examination.

- Course Catalogue (VVZ (Vorlesungsverzeichnis))

Brick: T-INFO-114193 - Human-Computer-Interaction Pass

Brick Details Further information

Identifier: T-INFO-114193 Grade scale: passed/not passed
Title: Human-Computer-Interaction Pass Credit points: 0.0
Version: Version 1 - Human-Computer-Interaction
Degree Program: All Degree Programs
Recurrence: Each summer term
Exam type: Coursework
Replaces: T-INFO-114192
Prerequisites: Following precondition must be fulfilled
+ Brick T-INFO-114192 - Human-Computer-Interaction Pass must be not started yet
Annotations: Participation in the exercise is compulsory and the contents of the exercise are relevant for the examination.

Exercises (SS 2025)

Course no.	Title	Lecturers	Type	Format
2400095	Human-Computer-Interaction	Beigl, Lee	Practice	Blended (On-Site/Online)

Exams (SS 2025)

Exam no.	Title	Examiners	Exampetype
7500121	Human-Computer-Interaction Pass	Beigl	Examination of another type

Brick: T-INFO-114192 - Human-Computer-Interaction

Brick Details Further information

Identifier: T-INFO-114192 Grade scale: passed/not passed
Title: Human-Computer-Interaction Credit points: 6.0
Version: Version 1 - Human-Computer-Interaction
Degree Program: All Degree Programs
Recurrence: Each summer term
Exam type: Written examination
Replaces: T-INFO-114193
Prerequisites: Following precondition must be fulfilled
+ Brick T-INFO-114193 - Human-Computer-Interaction Pass must be not started yet
Annotations: Participation in the exercise is compulsory and the contents of the exercise are relevant for the examination.

Exercises (SS 2025)

Course no.	Title	Lecturers	Type	Format
2400095	Human-Computer-Interaction	Beigl, Lee	Practice	Blended (On-Site/Online)

Exams (SS 2025)

Exam no.	Title	Examiners	Exampetype
7500121	Human-Computer-Interaction Pass	Beigl	Examination of another type

Pro-Tip: Finding the Room where your module is being held

- Ex.= Human Computer Interaction
- Module Handbook

- VVZ (Vorlesungsverzeichnis) Course Catalogue

4.45 Module: Human Computer Interaction [M-INFO-107166]						
Coordinators: Prof. Dr.-Ing. Michael Beigl Organisation: KIT Department of Informatics Part of: Area of Specialization: Telematics Area of Specialization: Human-centred Machine Intelligence Elective Studies in Informatics						
Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each summer term	1 term	English	4	1
Mandatory						
T-INFO-114192	Human-Computer-Interaction	6 CP	Beigl			
T-INFO-114192	Human-Computer-Interaction	6 CP	Beigl			

5 MODULE COMPONENTS

Module component: Human-Computer-Interaction [T-INFO-114192]

5

5.53 Module component: Human-Computer-Interaction [T-INFO-114192]

Coordinator: Prof. Dr.-Ing. Michael Beigl

Organisation: KIT Department of Informatics

Part of: M-INFO-107166 - Human-Computer-Interaction

Type	Credits	Grading	Term offered	Version
Unit examination	6 CP	graded	Each summer term	1

Courses					
ST 2025	54000	Human-Computer	2 SWS	Lecture 1 CP	Design, Law

Legend: [InfoSys](#) | [Service des Studierenden](#) | [InfoSys](#) | [Kursanfrage](#)

Assessment

The assessment is carried out as a written exam (27 approx. 180 minutes) as a digital exam according to §2 (2) of the Statute for the implementation of online examinations. The exam takes place (29.5.2025) at KIT.

Prerequisites

Participants in the exercise is compulsory and the contents of the exercise are relevant for the examination

Module Prerequisites

The following conditions have to be fulfilled:

- The module component T-INFO-114192: Human-Computer-Interaction Prior must have been passed.

Event: 24659 – Human-Computer-Interaction (SS 2026)

 Cal export

 Print

Event details

Course number: 24659

Event type: Lecture (L)

Title: Human-Computer-Interaction

Event format: Blended (On-Site/Online)

Language: English

Term: Summer Semester 2026

WVO: 2

Organizational issues: The lecture is a core module and is assessed in writing (written exam).
(SS)

Content: Description:

The lecture introduces the fundamentals of human-computer communication. Upon completion of the module, students will have acquired basic knowledge of the field of human-computer interaction. They will have mastered the basic techniques for evaluating user interfaces, will be familiar with the basic rules and techniques for designing user interfaces, and will have knowledge of existing user interfaces and their functions. They will be able to apply these basic techniques, for example, to analyse user interfaces of computer systems and synthesise exciting designs into alternative, better solutions.

Course content:

Topics covered include:

1. Human perception (physiological basics, human senses, Gestalt)
2. Human information processing (HPI models, psychological basics, action processes)
3. Design basics and design methods, principles, guidelines, and standards for designing user interfaces
4. Design analysis of human-computer interaction
5. Fundamentals and examples for the design of user interfaces and methods for modelling user interfaces
6. Studies: Evaluation of human-computer interaction systems (tools, evaluation methods, performance measurement, study design and implementation)
7. Practical application of the above fundamentals using practical examples and development of independent, new, and alternative user interfaces.

Workload:

The total workload for this learning unit is approximately 180 hours (3.0 credits).

Activity:

Workload:

Attendance time: Attendance at lectures

15 x 90 min

22 x 30 min

Attendance time: Attendance at exercises

8 x 90 min

12 x 30 min

Preparation/Follow-up for lectures

15 x 130 min

37 x 30 min

Preparation/Follow-up for exercises

8 x 360 min

48 x 30 min

Revisiting the whiteboard 2 times

2 x 12 hours

24 hours

Preparing for the exam

36 hours

TOTAL:

180 hours

Workload for the learning unit "Human-Machine Interaction"

Lecture objectives:

The lecture introduces the basics of human-machine communication. After completing the course, students will be able to

- demonstrate basic knowledge of the field of human-machine interaction
- name and apply basic techniques for analysing user interfaces
- apply basic rules and techniques for designing user interfaces
- analyse and evaluate existing user interfaces and their functions

Literature of instruction and literature of examination:

The language of the lecture is English; exam questions are provided in English and German and may be answered in either English or German.

Bibliography: David Bentley: Designing Interactive Systems: A Comprehensive Guide to HCI and Interaction Design. Addison-Wesley Educational Publishers Inc, 2nd Revised edition, ISBN 0-13-070514-0/0000
Steven Helm: The Restaurant Interface HCI Foundations for Interaction Design. Addison Wesley, ISBN 0-13-070514-0/0000

Links: <https://www.kit.edu/education/>

Learning: [Lectures Recorded](#) [Lectures Download](#)

Appointments

Dt.	Time	Room	Start
Tue, weekly	8:00 AM - 9:30 AM	50.34 Raum 101 (UG)	4/21/2026
Tue, weekly	8:00 AM - 9:30 AM	50.34 Raum 102 (UG)	4/21/2026

Lecturers

Name: Organizational unit:

Prof. Dr.-Ing. Michael Beigl

KIT Department of Informatics (INFORMATIK), TM Beigl (TM)

- When you see a room number with  before it this is a minus sign and means that the room is in the cellar (UG)

Room	
50.34 Raum	101 (UG)
50.34 Raum	102 (UG)

Language courses at KIT

- Did you take a **Pre-semester German Course**? (Exchange Students only)
- **One free course per semester:**
 - German classes at KIT [Studienkolleg](#) 
 - Other language classes offered by [KIT SKT–Language Center](#) / [Sprachenzentrum](#) 

Remember to register early for next semester!



Examination schedule agreements & recognitions (Transfer of Academic credits)

- **Bachelor's degree in informatics, Informatics Teacher Education, and Information Systems**

as well as

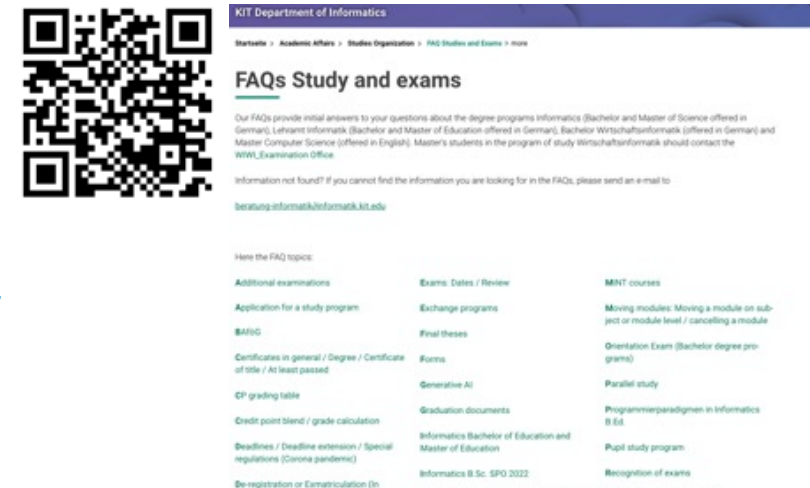
Master's degree in informatics and computer science

- Read the [FAQs on studying and exams at the KIT Department of Informatics](#) regarding the [recognition of exam credits](#)
 - Exam schedule agreement for the recognition of exam credits
-
- **Master's in Information Systems Students**
 - KIT Department of Economics and Management is responsible for recognition

• Further information can be found below:
<https://www.wiwi.kit.edu/english/serviceHinweise.php>

und

https://www.wiwi.kit.edu/english/Anerkennung_Studien_und_Pruefungsleistungen.php



KIT Resources for Course Selection and Your Studies

Chapter
7

KIT Resources for Course Selection and Your Studies

▪ Do you know about, how access and use:

- Module Hand book?
- CMS?
- Ilias?
- SignMeUp?
- WiWi Portal?

Module Handbooks



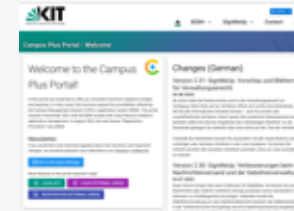
Campus Management for Students



ILIAS Learning Platform



SignMeUp



WiWi-portal



KIT Resources for Course Selection and Your Studies

[Module Handbooks](#)

[Campus Management
for Students](#)

[ILIAS](#)
Learning Platform

[SignMeUp](#)

[Wiwi-portal](#)

- **Module Handbook** contains mostly Department specific modules
 - **Campus Management for Students** (CMS) is for managing your personal data, module selection exams, certificates, etc
 - **Ilias** is a learning Platform
 - Campus Plus Portal (**SignMeUp**)
and
 - **WiWi-Portal**
- } are platforms for choosing and signing in for labs and seminars, signing up for appointments, etc.

Module Handbooks

Module Handbook

- Use Module Handbook in combination with Campus Management Course Catalogue when selecting Modules
- Read through the Module handbook (MH)
 - M.Sc. Computer Science students - this semester get an overview by thoroughly reading the introduction thru Master Thesis and reviewing FSMI Slides from O-Phase FBI info-session

Module Handbooks

Campus Management for Students

ILIAS Learning Platform

SignMeUp

Wlwl-portal

Modulhandbücher

- Module Handbook is Department specific modules
- Links to CMS – VVZ (Course Catalogue)
- Specific ones for Faculty, Major, Degree level and SPO
- Is updated each semester and released about a month before the start of the semester
- Modules maybe changed, deleted, replaced, expanded, or otherwise modified at any time

	Bachelor	Master	Master Erweiterungsfach
Informatik	SPO 15 Modulhandbuch SS 2026 [de PDF] [de html] SPO 22 Modulhandbuch SS 2026 [de PDF] [de html]	SPO 15 Modulhandbuch SS 2026 [de PDF] [de html] SPO 23 Modulhandbuch SS 2026 [de PDF] [de 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 2026 [de PDF] [de html]	Modulhandbuch Master SS 2026 [de PDF] [de html]	Modulhandbuch Erweiterungsfach SS 2026 [de PDF] [de html]
Computer Science (INT)		Master Module handbook summer semester 2026 [en PDF] [en html]	

Module Handbooks

Module Handbook

- Modules (courses / units) are assigned an unique Study code (number)
 - Module number** (Modulnummer) (MN)
 - Brick** / Teilleistungsnummer (TL)

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)

Module Handbooks

Campus Management for Students

Learning

- A Module may have more than one Brick
- Brick (Teilleistungen) is the 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
- *If you are an exchange student you need to include in your Learning Agreement both the MN & TL

Module Handbooks

Module Handbook

- Identifying pertinent information about a module

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	

Competence Certificate

Module Handbooks

- Credits
- Reacurrance
- Duration
- Language
- Brick "Teilleistungen" pass
- Completion certificate
- Prerequisites
- Recommendations

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	Credits	Grading scale	Recurrence	Version
Completed coursework	0	pass/fail	Irregular	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.

Module Handbooks

Module Handbook

M 4.45 Module: Human Computer Interaction [M-INFO-107166]

Coordinators: Prof. Dr.-Ing. Michael Beigl
Organisation: KIT Department of Informatics
Part of: Area of Specialization: Telematics
 Area of Specialization: Human-centred Machine Intelligence
 Elective Studies in Informatics

Credits	Grading	Recurrence	Duration	Language	Level	Version
6 CP	graded	Each summer term	1 term	English	4	1

Mandatory

Course ID	Course Name	Credits	Grading
T-INFO-114192	Human-Computer-Interaction	6 CP	graded
T-INFO-114193	Human-Computer-Interaction Pass	0 CP	pass/fail

T 5.53 Module component: Human-Computer-Interaction [T-INFO-114192]

Coordinators: Prof. Dr.-Ing. Michael Beigl
Organisation: KIT Department of Informatics
Part of: M-INFO-107166 - Human Computer Interaction

Type	Credits	Grading	Term offered	Version
Written examination	6 CP	graded	Each summer term	1

Courses

ST	2025	24059	Human-Computer-Interaction	2 SWS	Lecture / 3	Beigl, Lee
Legend: Online, Blended (On-Site/Online), On-Site, X Cancelled						

Assessment
 The assessment is carried out as a written exam (of approx. 60 minutes) as a digital exam according to §2 (3) of the Statute for the implementation of online examinations. The exam takes place ON SITE at KIT!

Prerequisites
 Participation in the exercise is compulsory and the contents of the exercise are relevant for the examination.

Modeled Prerequisites
 The following conditions have to be fulfilled:
 1. The module component T-INFO-114193 - Human-Computer-Interaction Pass must have been passed.

Module Handbooks

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

T 5.54 Module component: Human-Computer-Interaction Pass [T-INFO-114193]

Coordinators: Prof. Dr.-Ing. Michael Beigl
Organisation: KIT Department of Informatics
Part of: M-INFO-107166 - Human Computer Interaction
Prerequisite for: T-INFO-114192 - Human-Computer-Interaction

Type	Credits	Grading	Term offered	Version
Coursework	0 CP	pass/fail	Each summer term	1

Courses

ST	2025	2400095	Human-Computer-Interaction	1 SWS	Practice / 3	Beigl, Lee
Legend: Online, Blended (On-Site/Online), On-Site, X Cancelled						

Assessment
 The assessment is carried out as an examination of another type (§ 4 Abs. 2 No. 3 SPO).

Exercise sheets must be handed in regularly to pass the course. The specific details will be announced in the lecture.

Prerequisites
 None.

Additional Information
 Participation in the exercise is compulsory and the contents of the exercise are relevant for the examination.

Campus Management for Students

Now



Module
Handbooks

**Campus Management
for Students**

- Search for module information in Course Catalogue (VVZ) and by academic department

Not logged in Log In

Home Deutsch Legals Privacy Policy Accessibility Sitemap KIT

KIT
Karlsruhe Institute of Technology

Campus Management for Students

Term Summer 2026 Study Prog. Not logged in Search All objects Enter search term...

Course Catalog (SS 2026)

Summer Semester 2026

Table of Contents

KIT Department of Architecture

KIT Department of Civil Engineering, Geo- and Environmental Sciences

KIT Department of Chemistry and Biosciences

KIT Department of Chemical and Process Engineering

KIT Department of Electrical Engineering and Information Technology

KIT Department of Humanities and Social Sciences

KIT Department of Informatics

KIT Department of Mechanical Engineering

KIT Department of Mathematics

KIT Department of Physics

KIT Department of Economics and Management

House of Competence (HoC)

General Studies. Forum Science and Society (FORUM)

Homepage

Requests

Notices Inbox

• Certificates

• Re-Registration

• Study Program Structure

• Personal Information

• Examinations

• Events

Course Catalog

Audience Circles

Extended Search for Events

Booking of Events

Event Favorites

Timetable and Calendar Overview

Internet Calendar (WebCal)

Campus Management for Students

Now



Module
Handbooks

Campus Management
for Students

Extended Search for Events

- Select search term(s)
- Language
- Appointment time
- Etc..

KIT
Karlsruhe Institute of Technology

Campus Management for Students

Term: Summer 2026 Study Prog. Not logged in Search All objects Enter search term...

Extended search for events

Search

With the extended search for events you can search more precisely for events in the currently selected Summer Semester 2026. 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:

Title:

Event type:

Event format:

Language: ☒ German
☐ English
☐ German/English
☐ French

Appointment:

Date:

Time:

eLearning: ☐ ILIAS course
☐ Lecture Recording
☐ Lecture Translator

Degree Programs:

Modules:

Bricks:

Audience circles:

Course Catalog Headlines:

Organisational units:

Rooms:

Lecturers:

Events

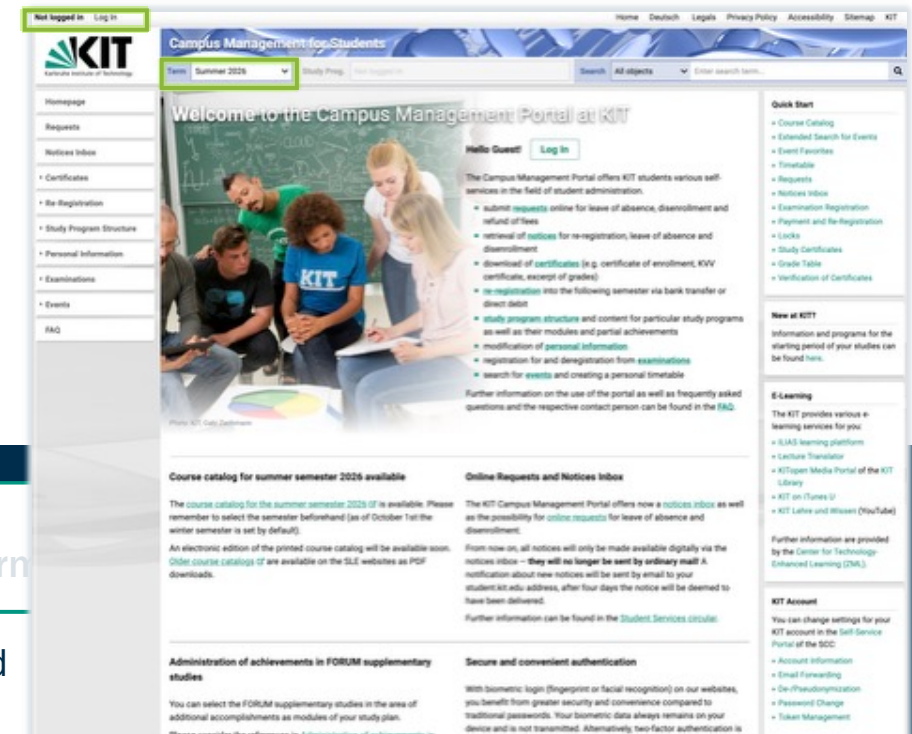
- Course Catalog
- Audience Circles
- Extended Search for Events
- Booking of Events
- Event Favorites
- Timetable and Calendar Overview
- Internet Calendar (WebCal)

Campus Management for Students

Once arrived



Please remember to
update your residence address
as soon as you log in!



Module Handbooks

**Campus Management
for Students**

ILIAS
Learning Platform

- Log in with your KIT account : KIT account (u****) + password
- Ensure you select the correct semester
- Access to KIT online services : Use for Selection, Registration, withdrawal from modules and exams, following semester re-Registration
- Download of documents: e.g. enrollment certificate , Free KVV warrant, transcript of record

Campus Management for Students

Module Handbooks

**Campus Management
for Students**

ILIAS
Learning Platform

SignMeUp

Wiwi-portal

- When do I have to register for Modules and exams?

- This will be addresses in the

ISRT: Fit for exams and returning home

- Videos



- [Unterstützung im Studium](#) (Support during Your Studies) Play List
 - [CMS -English](#) (Campus Management for students)



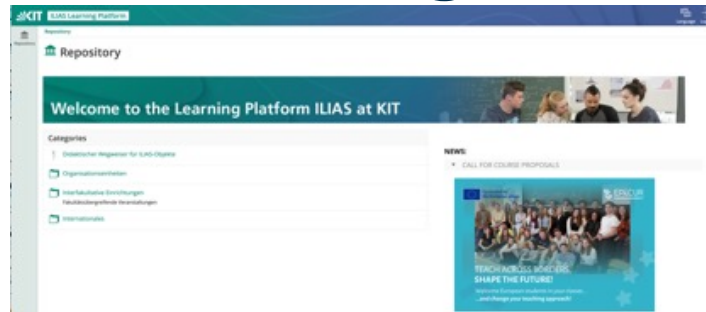
- FSMI- Video [Quick Start Guide Video](#)

- How to Ersti – [Studierendenportal](#)



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

ILIAS Learning Platform



als are to be found in ILIAS Learning Platform

[p?target=crs_177107&cmd=force_login&lang=en
/www.scc.kit.edu/en/services/11716.php
/elearning.studium.kit.edu/english/index.php](https://www.scc.kit.edu/en/services/11716.php)

Module Handbooks

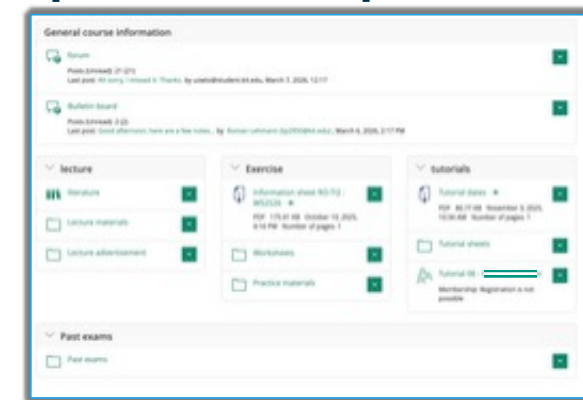
Campus Management
for Students

ILIAS
Learning Platform

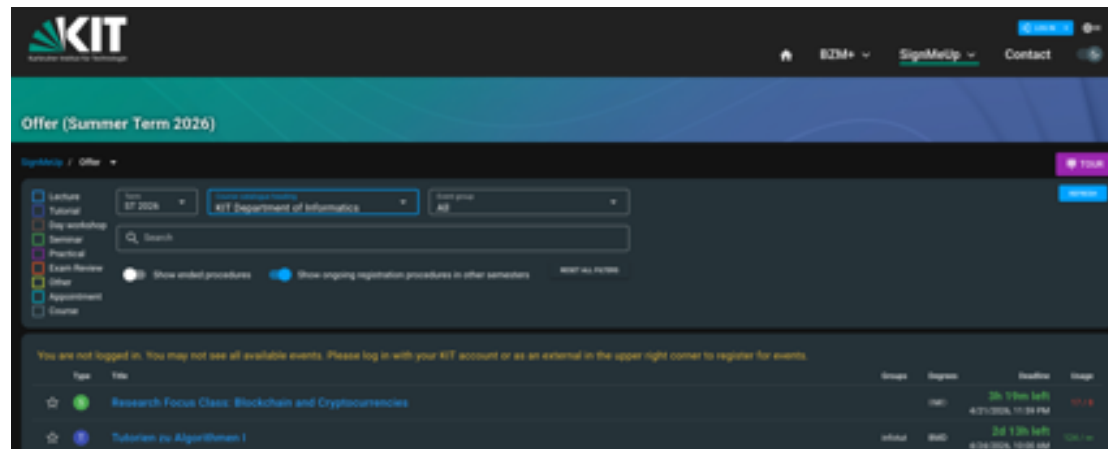
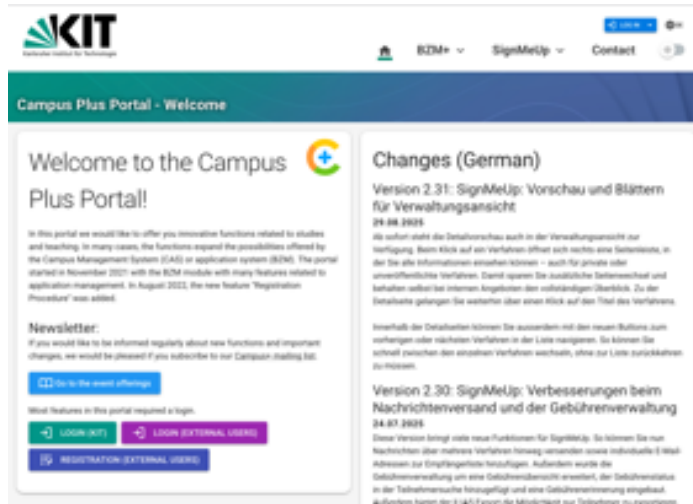
SignMeUp

Wiwi-portal

- 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)



KIT Campus Plus Portal / SignMeUp



Module Handbooks

Campus Management
for Students

ILIAS
Learning Platform

SignMeUp

Wlwl-portal

- **Campus Plus Portal (SignMeUp) is a platform for choosing and signing in for labs and seminars, signing up for appointments, etc. Registration for Tutorials, Seminars and Practical Courses**
 - Sometimes sign-up for appointments
 - Ex. ISS

Your Studies and Course Selection at KIT



[Module Handbooks](#)

[Campus Management
for Students](#)

[ILIAS](#)
Learning Platform

[SignMeUp](#)

[WiWi-portal](#)

■ WiWi Portal

- Registration for Tutorials, Seminars and Practical Courses
- Sometimes information about exams as well (for example: timeslots, seat, etc.)
- Sometimes sign-up for appointments
 - Ex. Informatic Exchange students can set-up Online appointment with Christine Glaubitz

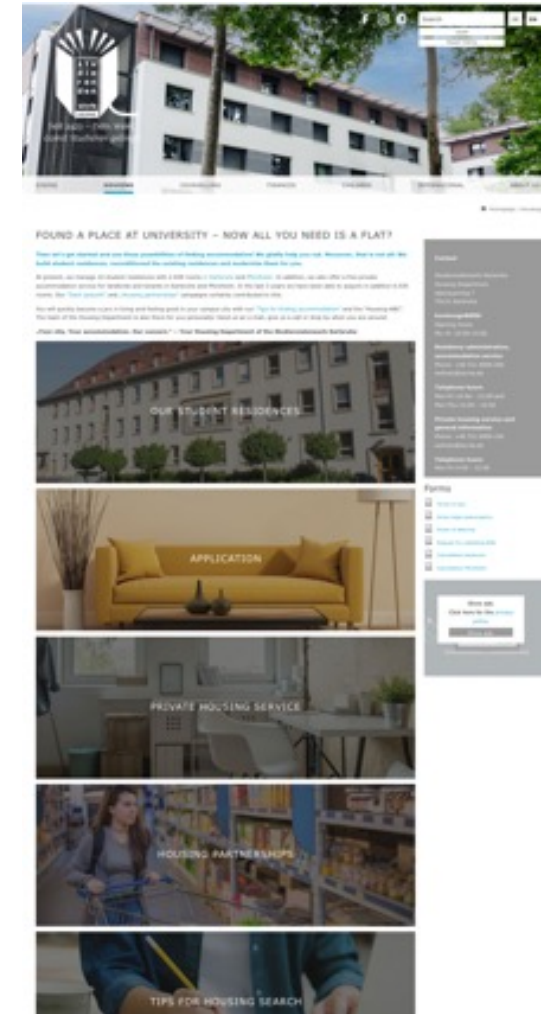
Living in Karlsruhe & Student Life at KIT



Chapter
8

Accommodations – Websites

- **Find accommodations** (*as soon as you are admitted*)
 - [Living and Learning in Karlsruhe](#)
 - Studierendenwerk Karlsruhe: [Possibilities of Finding accommodation](#) and [Support in finding accommodation](#):
 - [Studienstart am KIT](#)
 - Degree seeking Websites
 - [IStO](#) and [Finding accommodation](#)
 - Exchange/Temporary Student Websites
 - [IStO](#) : [Overseas Exchange](#), [Eucor](#) and [ERASMUS](#)
 - Other Websites
 - [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](#)



Accommodations – A Student's Perspective

- **Residence Halls** (“*Wohnheime*”)

- Mostly operated by a public student service called “[Studierendenwerk](#)”. The International Office has a contingent of rooms in these dormitories that are reserved for students coming from overseas and Nordic countries.
- Also, self-organised e.g. HaDiKo

- **Shared Flats** (“*Wohngemeinschaften*”, often shortened WG)

- In many cases it is possible to Sublease a room for a limited time from students who temporarily left the town for an internship or to go abroad (*Zwischenmiete*). One of the many platforms to find shared flats is [wg-gesucht.de](#)
- “*Zwischenmiete*” is a German term used for the sub-renting an apartment, usually for a period of 5-6 months.

- **Tipps and Things to think about**

Finding your Way and Getting Around

- Bike
 - own
 - Nextbike



- Walk



- Public transit and Trains (KVV network, ...)
 - Public transport ticket
 - [Download KVV](#) -certificate in [CMS](#) – for free public transportation in Karlsruhe on Monday – Friday 6pm – 6am, weekend and holidays (student id required)
 - Deutschland Ticket



* "[Deutschland-Ticket](#)"

- for regional transportation in all of Germany is about **63€ per month & 756€ per year
- Exchange and students over 27 years



* "[D-Ticket JugendBW](#)"

- Baden-Württemberg offers a cheaper Deutschland-Ticket for young people (up to 27 years old)
- The "D-Ticket JugendBW" is valid wherever the normal Deutschland-Ticket is valid
- **Currently costs 540 € per year

These fees were current as of [May 2026](#)

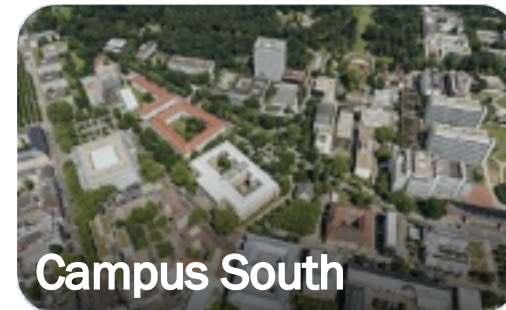
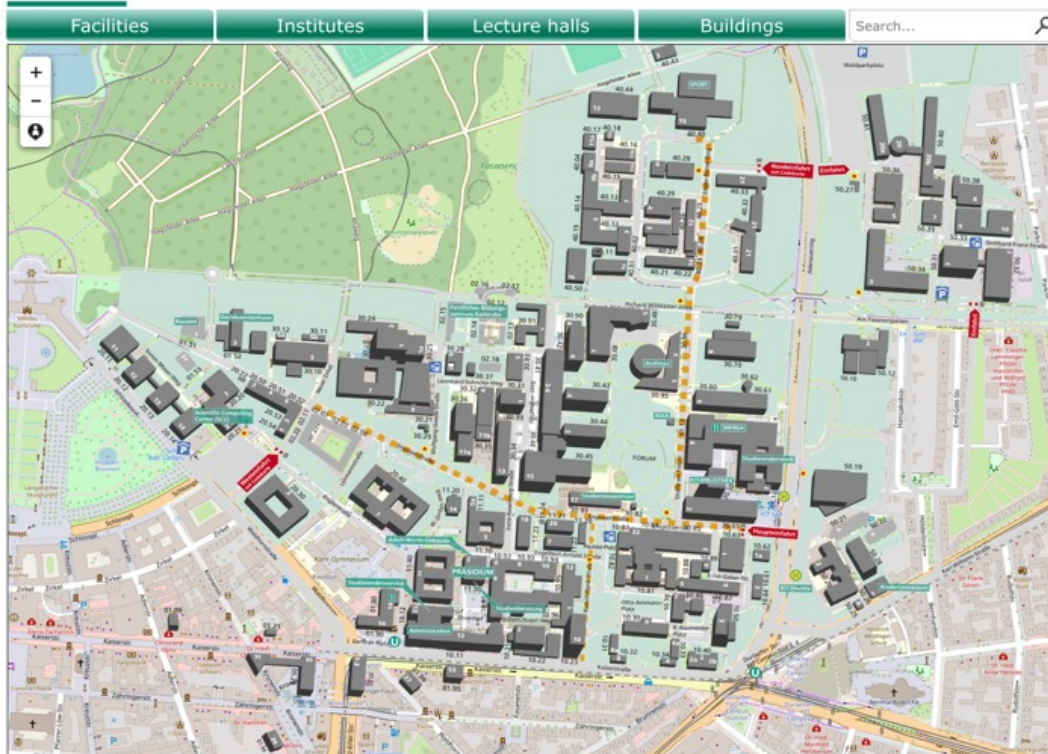
*The website is in German

*Please note fees for the various tickets may change.

One KIT – Multiple Locations



[Campus Map](#)



- Lectures, tutorials, seminars and labs
- Library, Mensa, Cafeteria, International Affairs
- Center of student life

KIT Fees



General fees/Tuition fees per semester	Amount	Who?
General fees		
Administrative charge *	80,00 €	All students (except Double degree and Exchange students)
Charge for the Studierendenwerk *	92,00 €	All students
Charge for the Students Union *	12,00 €	All students (except Exchange students)
Additional tuition fees		
Tuition fees for second-degree studies	650,00 €	Second-degree students
Tuition fees for international students ***	1500,00 €	Non-EU students

As of
May 2026

Please
check the
Website to
confirm
current fees!

	Administrative charge*	Charge for the Studierendenwerk*	Charge for the Students Union*	Tuition fees	Total
International Students (Non-EU students)	80,00 €	92,00 €	12,00 €	1500,00 € ***	1684,00 €
Second-degree students **	80,00 €	92,00 €	12,00 €	650,00 €	834,00 €
Double degree students	-	92,00 €	12,00 €	-	104,00 €
Exchange Students	-	92,00 €	-	-	92,00 €
Freemover	80,00 €	92,00 €	-	-	172,00 €
Freemover (Non-EU students)	80,00 €	92,00 €	-	1500,00 € ***	1672,00 €
Research Studies	80,00 €	92,00 €	12,00 €	-	184,00 €
Doctoral Researchers	80,00 €	92,00 €	12,00 €	-	184,00 €

* The possibility of the above-mentioned exemption and exception from paying the tuition fees for international students or second-degree students does NOT apply to these general semester fees. They need to be paid each semester by every student.

** International students who pay tuition fees of €1,500.00 per semester are not required to pay tuition fees for second-degree studies. Tuition fees for second-degree studies for international students are charged if there is an exemption from international tuition fees and it is a second degree program with costs.

*** Some international students may be exempt from these tuition fees. Information about this can be found here.

Living Expenses

□ Plan your finances

This a general description in euros and also depends on your spending habits and the market!

Per Month		Total	Total
Rent (Kalt vs. Warm)	Approximately - 350 - 700	450	593
Transport (such as Deutschland-Ticket)	Between - 40 -60	63	
Internet & Telephone	Between - 20 -60	40	
House keeping	Between - 20 -60	40	
Per week			Total per month
Mensa / Cafeteria	Between - 20 - 40	30	320
Food	Between - 30 -70	50	
Estimate Total			870
Heath Insurance (Krankenversicherung) 140-160		Total	150
Other regular Expenses you might have		Total	50
KIT Fees – see actual fees on Website and add it in to total below			
Charge for the Studierendenwerk*	109	Charge for the Students Union*	0-12
		Administrative charge*	0-80
		Tuition fees	0-1500
			*This could be between 110 and 1701,50 per semester
KIT Fees- Total			
Overall Total Estimate per month			

Student Life



Welcome to the International Buddy Program

The International Buddy Program is a platform for encounters between newly arrived students from all over the world and the pre-arrival students at KIT. This exchange on an equal footing aims to find initial connections. For one's own social network, practice intercultural competences, and support each other with knowledge and skills.



Upcoming Events



Registration 2025 is open!
The registration for the upcoming semester is now open! Please the details on our ESN page and become a buddy!

Casino Ciao Party 2025
Highlights of the semester when you have the opportunity to meet each other and have fun! Casino, drinks, dancing, great music, and more!

International Café
You will have a great opportunity to make new friends and have essential information from ESN, Buddy Program, and Student Services. Come and enjoy a nice coffee break as always with us! Open at 17:00h, activities 17:30-19:00h.



ASIA → Aktuelle Projekte → Student body → Get involved! → Service and Advice → ASIA Wiki (German)

ASIA • ASIA

Students Board – Allgemeiner Studierendenausschuss (AStA)

You can find a list of all departments and their contact details on the German version of this page. (The list on the left is incomplete, we're working on it.)

The Students' Union exists to help you and to ensure your views are effectively represented to the University. The Students Board looks at all aspects of the University and how they can be improved. The Students Board (ASIA) is the executive board of the constituted students body at Karlsruhe Institute of Technology (KIT). It represents about 23.000 students. The ASIA is composed of the Chair and different units (Finance Unit, Department of Culture, ...), each responsible for a particular subject area.

- We are ordinary students who are elected by the student parliament for one year to lead the Students' Union.
- We work for you and are accountable to the student parliament.
- We work full-time and live on campus.
- We are responsible for the strategic direction of the Union.

Our tasks are e.g. the political representation of the students, to provide a lot of **advice and service**, the coordination of the different groups and committees of the students' union, to organize the "Unifest" and much more. We are supported by many volunteers and **work groups**.

Contact Us

The ASIA officers are happy to help you. Feel free to pay us a visit during the Consultation Hours (**Konsultation**) of the person you would like to talk to. Naturally it's possible to contact the department via email and arrange a meeting at another time.

Meetings

Our meetings take place at Wednesday at 2:00 pm. The meeting is public and everyone is allowed to participate. If you want to discuss a distinct topic, please write an email: kontakt@asta.kit.de.

Work Program

With the work program (**Arbeitsprogramm**) the student parliament decides the general tasks of the ASIA during its time of office.

Office Hours

Office Hours changed!
Here an overview:
Tel.: 0721 181238 00

Counter (Vehicles, ISC...)
Mo, Tu, Th, Fr: 11:30 - 14:00
Semester Break:
Mo, Tu, Fr: 11:30 - 14:00
Tel.: 0721 181238 00

Konsultation:
Mon-Fri: 10:00 - 15:00
Semester Break, Mon-Fri:
10:00 - 13:00
Tel.: 0721 181238 20

Consultation Time of ASIA-Members (ASIA-Officers, Staff)

ASIA-Meeting
The ASIA meeting is weekly, on Fridays, 13.15 pm at the ASIA-Container, Straße am Forum 1, KIT Campus Süd.

The meeting is open to the public. All students are invited to file motions, participate in the discussions or just come by and get an idea of what we do. The preliminary agenda is generally sent over mailing lists the day before. To access them, you can register on our StuPa-L-Mailing list here: <https://lists.asta.kit.de/subscribe/stupa>



How to CV and How to Find a Job in Germany

Part 1 of a 2 part series



Wednesday, 06 May 2018



17:45

Info: How to Thesis
(Geb. 50.34, R. 102 (cellar) & Zoom)

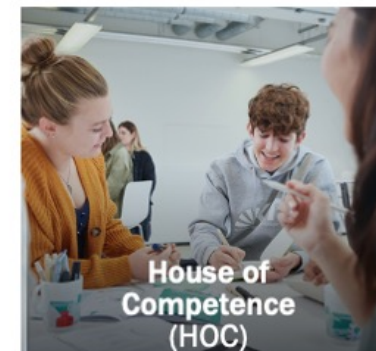
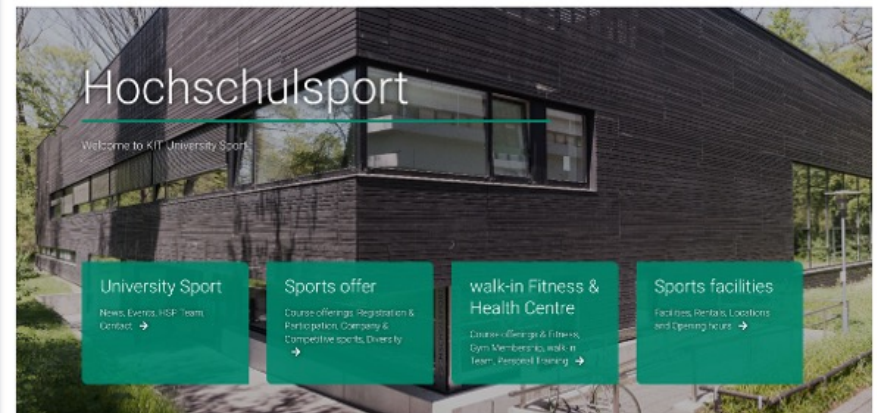
If you intend to write your thesis in computer science, informatics or information, this workshop provides an overview to the process and offers practical tips and advice.

Students talk about their experiences with their thesis:
• Bachelor's thesis and Master's thesis - key data
• Start to finish how thesis progression.

AKK

Arbeitskreis Kultur und Kommunikation
Engesserstraße 17 - 76131 Karlsruhe - Universität Karlsruhe

Tanzen im AKK

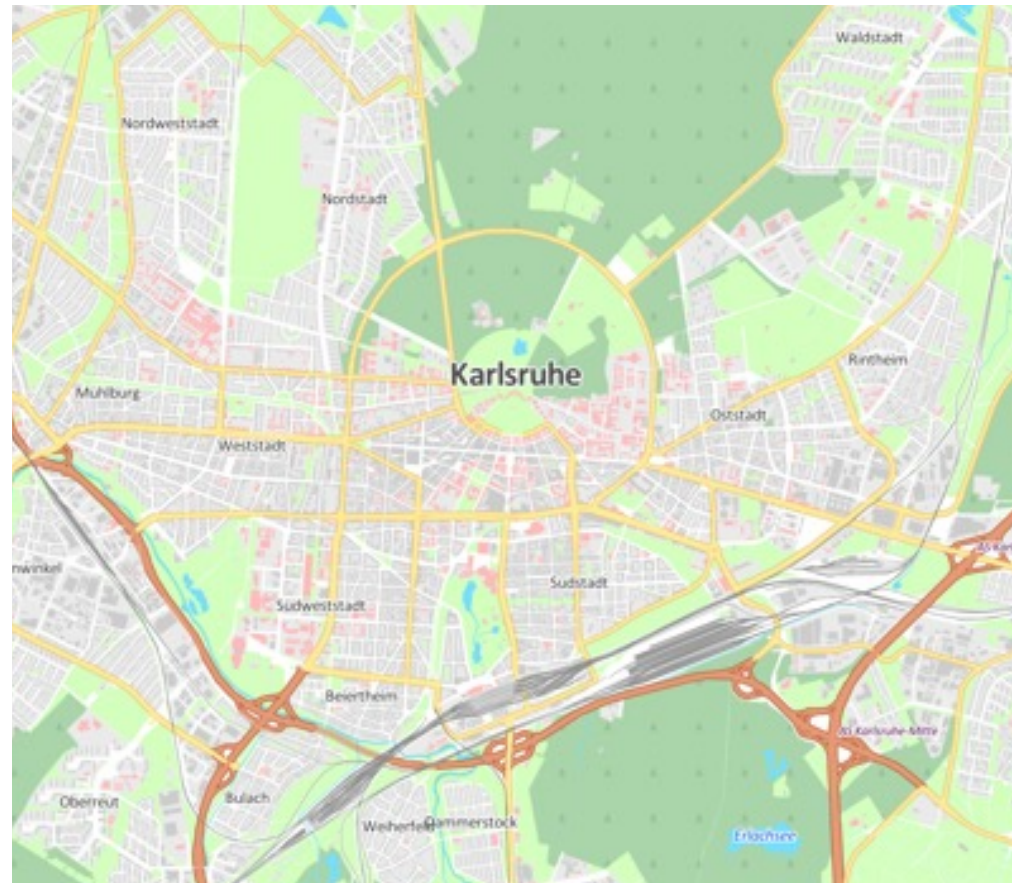
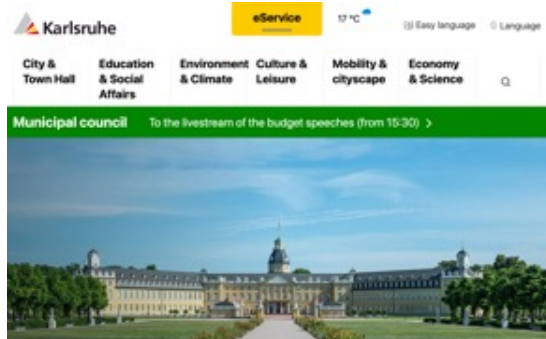


Student Life

Department	Services & Resources	Student type	QR Code
Studierendenwerk Karlsruhe	Provides support and information for: information and tips and information for finding accomedations , <i>dinning services</i> , <i>BAföG</i> , <i>scholarship</i> , <i>loan advice</i> , <i>Legal-social- psychotherapeutic counseling and advice</i> , <i>studying with a child</i> , <i>studying with disability</i> , Tandem Program of the Studierendenwerk Karlsruhe , etc.	all	
AStA (KIT Students' Union)	Allgemeiner Studierendenausschuss / Social Department of the General Students' Committes : <i>Social counselling</i> , <i>equal opportunities</i> , <i>queer counselling</i> , <i>short term aid for unexpected hardship</i> , <i>emergency accomedation</i> , <i>CAMPUSbike am KIT</i> , <i>German courses</i> , etc.	all	
Fachschaften (Student Councils/ representatives)	Student to student advising, O-Phase, exam preparation resources, represent student interests at university and departmental level, etc.	all	
Student Health Lab	General help for everyday student life , compatibility of studies & private life, international students sports, exercise & fitness, nutrition, mental health and wellbeing, studying with disAbilities & chronic Illnesses, etc.	all	
Student Sport, Clubs, and Organizations	Sport Activites at KIT : <i>Sport groups</i> , Walkin /Fitness center , KIT University Sport/Hochschulsport , Hochschulgruppen (clubs and organisations) , Buddy Program , ESN(Karlsruhe ERASMUS Student Network) , etc.	all	

Karlsruhe

Karlsruhe City Website



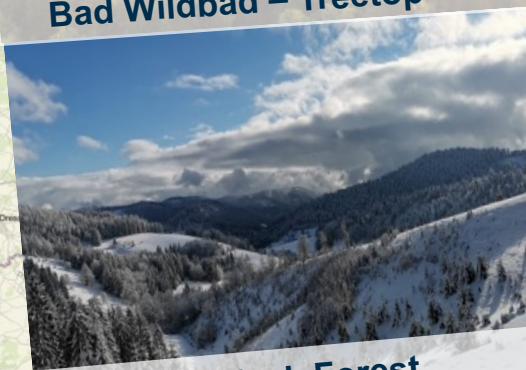
Out and About



- Frankfurt – 1 hr. and 10 min.
- Berlin – 5 hr. and 30 min.
- Munich – 3 hr. and 15 min.
- Basel – 1 hr. and 35 min.
- Zurich – 2 hr. and 45 min.
- Strasbourg – 1 hr.
- Paris – 2 hrs. and 45 min.
- Amsterdam – 6 hrs.
- London – 6 hrs.



Bad Wildbad – Treetop walk



Black Forest



Strasbourg

Emergency Assistance for Persons living in Germany

Unfortunately, we cannot always be there for you



- Important telephone numbers such as those of the fire department, police and ambulance

- Vital information under QR Code



- 112 **Emergency** - number for life-threatening situations
- Europe-wide number, free of charge, no area code needed
- 110 **Police** - for fraud, robbery, violence, traffic accidents without injuries
- Nationwide in Germany, free of charge, no area code needed

Points of contact an overview

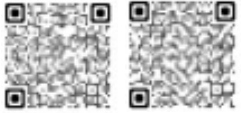
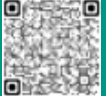


Chapter
9

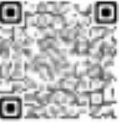
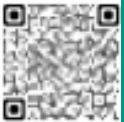
KIT-Department of Informatics: Support during your Studies

	Informatics Study Program Services (<u>ISS</u>)	Provides “official” information on your program of study • Student Support, including study and examination counselling • Administrative tasks in connection with the study programs: including updating of Module Handbooks, lecture schedule, exam timetabling, processing of applications and certificates, etc. • International Student Roundtable and other events
	KIT Department of Informatics <u>International Exchange</u>	Provides information and support for Incoming & Outgoing exchange students • Learning Agreements, advising for exchange students regarding studies • Incoming selection process for short term exchange programs • Selection process for ERASMUS & SEMP Outgoing program
	<u>FSMI</u> Fachschaft Mathematik/ Informatik	Represent informatic student interests at university and departmental and provide direct support of students enrolled in the major of informatics • <u>O-Phase, student to student advising</u>, exam preparation resources, social activities etc.. sells copies of old exams, and offers social activities, etc... • Pro Tip: For a good explanation and overview to academic structure of major read <u>IMAMA (International Master Mathematics) Handbook</u>
	<u>KIT-Informatics-</u> <u>Library</u>	• Study places, literature, etc.

Who and What: Overview to Points of Contact

Department	Services & Resources	Student type	QR Code
KIT International Affairs	Supports KIT international student community from start to finish	all	
International Student Hub	<i>Advisor and peer advisors assist with questions about studying and everyday life, provide support in case of difficulties and give information about financing your studies and about leisure activities</i>	all	
International Affairs for: Degrees seeking international students	Applications, admissions, enrollment, advising, support, transition programs and resources including: Semesterstartkurs (webinar prior to arrival), Start of Studies for Internationals , Buddy Program , Student Support , Studienstart International - Information offer on ILIAS , Refugee advising services, volunteering, etc.	degree seeking	
IStO Exchange (ERASMUS-Eucor, Freemover, etc.)	Mobility-Online, applications, enrolment, exchange student Orientation, Pre-semester German course, certificate of arrival and departure documents, finances, health insurance, visas, etc	exchange	
MINTernship Inclusive	information and video about stays abroad opportunities program for students and PhD candidates with disAbilities	all	
International Student Center at Studierendenwerk	Social & Refugee counseling, events, mentoring, accommodation, etc..	all	

Who and What: Overview to Points of Contact

Department	Services & Resources	Student type	QR Code
SLE KIT - Studierendenservice	Central KIT office providing services for students and prospective Students – <u>welcome desk</u> , <u>organizational matters</u> – fees (Gebühren), registration and deregistration, <u>KVV – Bescheinigung</u> / Warrant, leave of absence, certificates, transcript of record (ToR), change of name, academic calendar, <u>Campus Management Portal</u> , etc.	all	
ZSB - Zentrale Studienberatung	general academic advising services regarding studies and major, <i>doubts about your program of study/change of major / university, withdrawing, clearing consultations</i> (for students who have to deal with special challenges while studying), etc.	all	
House of Competences (HoC)	workshops, advising and coaching, e-learning, written resources, etc... - for study techniques, self- and time Management, presentation, writing skills, doing research, procrastination, self-esteem, building resilience , etc.	all	
FORUM	Events, social research, campus radio, courses, etc.	all	
Career Service and Alumni	Job market, internship search, prospects, career entry and preparation resources, advising, event, JobTalk, etc..	all	

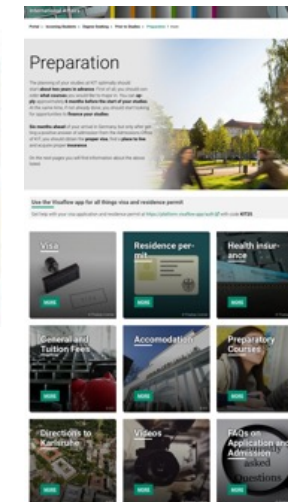
Websites and Videos

Chapter
10

Checklist for prior to Arrival and Start at KIT

□ Read thoroughly information on websites

- [Starting Your Studies at KIT](#)
- [Studierendenwerk Karlsruhe](#)
- [Studienstart am KIT](#)
- [Uni Glossar](#) (only in German)
- [The KIT Glossary](#)

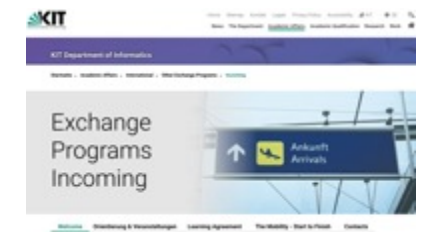


□ Degree seeking

- [IStO](#)
 - [Preparation](#)
 - [Enrollment](#)
 - [Your Road to KIT](#)
- [KIT Department of Informatics](#)

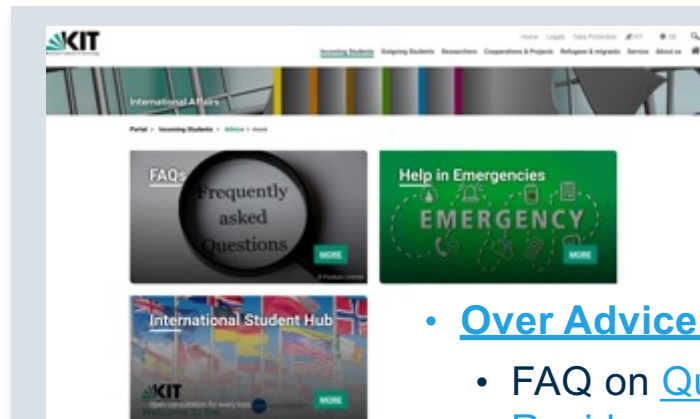
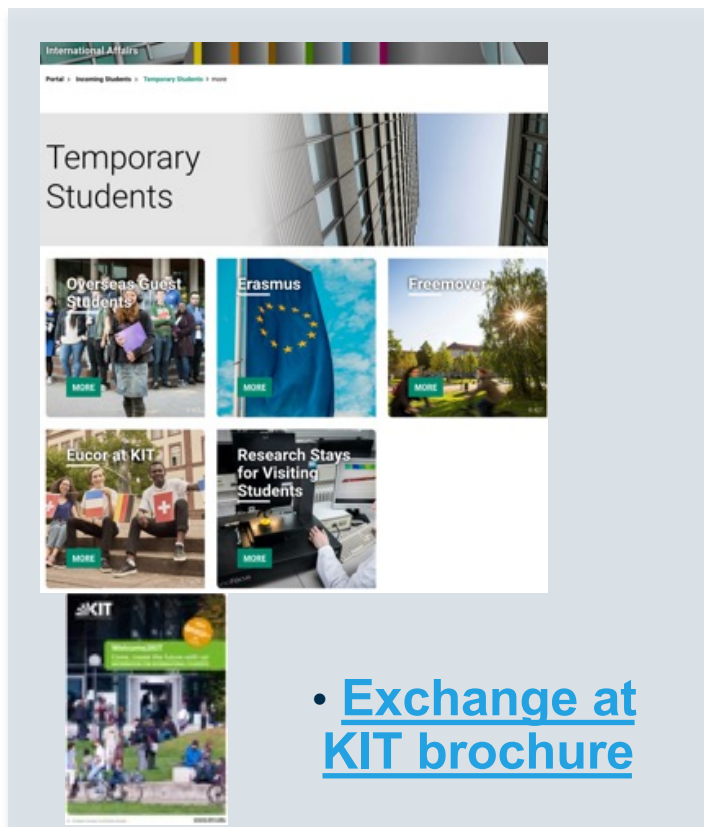
□ Temporary Students (Exchange)

- [IStO](#) (ERASMUS, Eucor, Overseas Exchange, etc.)
- KIT Department of Informatics - [International Exchange](#)

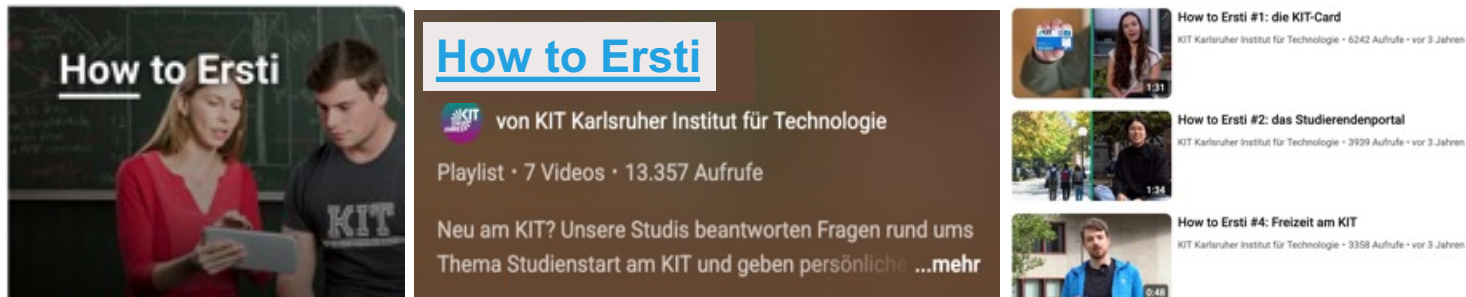


Checklist for prior to Arrival and Start at KIT

Read thoroughly information on websites



Video Information



International Affairs

Portal > Incoming Students > Degree-Seeking > **Prior to Studies** > Preparation > Videos

Videos

from IStO: Our international students have produced videos for you on important topics of concern for new international students. The videos are in German language with English subtitles.

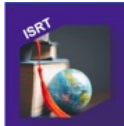
KIT-Department of Informatics: Info² (Events and Videos)



Info²

Assists all students at the KIT Department of Informatics and it is divided into an informative video series and a selection of information events

- Information events include International Student Roundtables, Programming Best Practices, How 2 CV and to find a job in Germany, How 2 Thesis, etc...



International Student Round Table (ISRT)

- “[Kicking Your studies off](#)” Advisors Answers & Advise: What you need to do in the first few weeks”: 4 November 2026
- “[In the Thick of it](#)” - What next in my first semester”: 19 November 2026
- “[Fit for exams and returning home](#)”: 15 December 2026



Mentoring

Mentoring Get-Togethers

- 1 October 2026 & 5 November 2026 & 19. November 2026
- new & returning students "get-to-know-each-other" during a relaxed evening, often centered around board games & chat
- Great way to find people to study with and build your social circle



YouTube Channel

- [Bites](#): videos deal with general tips and tricks for coping with the studies, including The first six weeks, Studienstart: Zugelassen... Was nun? Campus Management System, ISRTs, ect ...



Thank you for your Pariticipation!



- We look forward to meeting you in person at International Student Round Table: [Kicking Your studies off: Advisors Answers & Advise: What you need to do in the first few weeks](#)” on 4 November 2026

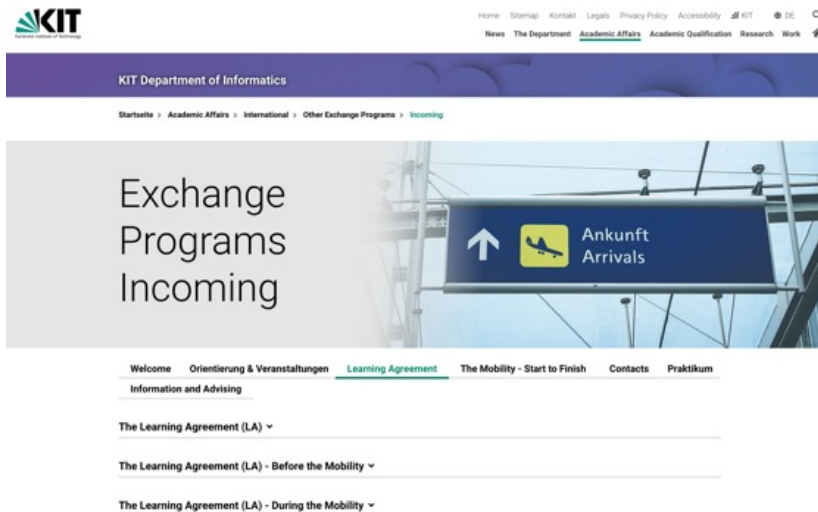
Learning Agreements

Chapter
12

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**
 - **Your LA must always be signed by all 3 parties:**
 - by you (student)
 - the subject coordinator (FK) of your home university
 - 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
- Deadline for changes by: **25 November 2026**

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

Study Programme at the Receiving Institution

Mobility type: Semester(s)

Table A	Component Code (if any)	Component title at the Receiving Institution (as indicated in the course catalogue)	Semester	Number of ECTS credits (or equivalent) to be awarded by the Receiving Institution upon successful completion
	M-INFO-101178, T-INFO-101497	Datenbanksysteme	2/2	4,00
	M-INFO-100729, T-INFO-101266	Human-Machine-Interaction Mensch-Maschine-Interaktion Information Security	2/2	6,00
	M-INFO-106015, T-INFO-112195	Informationssicherheit		5,00

- Modulnummer / Module number = **M-INFO-106470**
- Teilleistungen / Number = **T-INFO-113083 & T-INFO-113085**

4 MODULES

Module: Machine Learning in Climate and Environmental Sciences [M-INFO-106470]

M **4.52 Module: Machine Learning in Climate and Environmental Sciences [M-INFO-106470]**

Responsible: TT-Prof. Dr. Peer Nowack

Organisation: KIT Department of Informatics

Part of: Area of Specialization: Human-centred Machine Intelligence
Area of Specialization: Data Science
Elective Studies in Informatics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
6	Grade to a tenth	Each winter term	1 term	English	4	1

Mandatory			
T-INFO-113083	Machine Learning in Climate and Environmental Sciences	6 CR	Nowack
T-INFO-113085	Machine Learning in Climate and Environmental Sciences - Pass	0 CR	Nowack

Competence Certificate
See partial achievements (Teilleistung)

Prerequisites
See partial achievements (Teilleistung)

Modulnummer (Module Number)

Teilleistungen (Number)

•Modulnummer / Module number =
M-INFO-106470

•Teilleistungen / Number =
**T-INFO-113083 &
T-INFO-113085**

4 MODULES

Module: Machine Learning in Climate and Environmental Sciences [M-INFO-106470]

M 4.52 Module: Machine Learning in Climate and Environmental Sciences [M-INFO-106470]

Responsible: TT-Prof. Dr. Peer Nowack
Organisation: KIT Department of Informatics
Part of: Area of Specialization: Human-centred Machine Intelligence
Area of Specialization: Data Science
Elective Studies in Informatics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
6	Grade to a tenth	Each winter term	1 term	English	4	1

Mandatory			
T-INFO-113083	Machine Learning in Climate and Environmental Sciences	6 CR	Nowack
T-INFO-113085	Machine Learning in Climate and Environmental Sciences - Pass	0 CR	Nowack

Competence Certificate
See partial achievements (Teilleistung)

Prerequisites
See partial achievements (Teilleistung)

- “Teilleistungen“ (TL): 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.

Module Handbook

Module Number & Number

4.52 Module: Machine Learning in Climate and Environmental Sciences [M-INFO-106470]

Responsible: TT-Prof. Dr. Peer Nowak
 Organisation: KIT Department of Informatics
 Part of: Area of Specialization: Human-centred Machine Intelligence
 Area of Specialization: Data Science
 Elective Studies in Informatics

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
5	Grade 1 to 4	Each winter term	1 term	English	4	1

Event	Type	Credits	Grading scale	Recurrence	Version
WT 24/25	Machine Learning in Climate and Environmental Sciences	4-CA	Nowak		
SS 24/25	Machine Learning in Climate and Environmental Sciences - Pass	1-CA	Nowak		

Competence Certificate
 See partial achievements (Teilung)

Prerequisites
 See partial achievements (Teilung)

- **M-INFO-106470**
- **T-INFO-113083 & T-INFO-113085**

In this case you will see you need to successfully complete both TN in order to complete the Module

“Teilleistungen“ (TL):

- A student's knowledge is assessed in the Module's various TL
- A Module may have one or more Teilleistungen (which can be selected or must be selected)
- Some of the TL are tied together and compulsory to select more than one TL in order to receive credit for the Module
- A module may have exercise/work -sheets that must be completed/passed in order to pass the entire module (*note sometime before you can register for the exam*)

5.55 Course: Machine Learning in Climate and Environmental Sciences - Pass [T-INFO-113085]

Responsible: TT-Prof. Dr. Peer Nowak
 Organisation: KIT Department of Informatics
 Part of: M-INFO-106470 - Machine Learning in Climate and Environmental Sciences

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	5	Each winter term	2	

Event	Type	Credits	Grading scale	Recurrence	Version
WT 24/25	Machine Learning in Climate and Environmental Sciences	4-CA	Nowak		
SS 24/25	Machine Learning in Climate and Environmental Sciences - Pass	1-CA	Nowak		

Competence Certificate
 The assessment is carried out in form of course work (German: Studienleistung, § 4 Abs. 3 SPO). Students must regularly submit exercise sheets. The number of exercise sheets and the scale for passing will be announced at the beginning of the course. The assessment can only be repeated once.

Prerequisites
 No strict prerequisites but several strong recommendations (see below).

5.55 Course: Machine Learning in Climate and Environmental Sciences [T-INFO-113083]

Responsible: TT-Prof. Dr. Peer Nowak
 Organisation: KIT Department of Informatics
 Part of: M-INFO-106470 - Machine Learning in Climate and Environmental Sciences

Type	Credits	Grading scale	Recurrence	Version
Written examination	5	Grade 1 to 4	Each winter term	2

Event	Type	Credits	Grading scale	Recurrence	Version
WT 24/25	Machine Learning in Climate and Environmental Sciences	4-CA	Nowak		
SS 24/25	Machine Learning in Climate and Environmental Sciences	1-CA	Nowak		

Competence Certificate
 The assessment of the lectures is likely carried out as a written examination (§ 4 Abs. 2 No. 1 SPO) lasting 90-120 minutes (exact duration to be confirmed).
 Depending on the class size, this might be changed to an oral examination (lasting around 30 minutes, § 4 Abs. 2 No. 2 SPO). The exact type of assessment will be confirmed at least six weeks prior to the assessment.

Prerequisites
 No strict prerequisites but several strong recommendations (see below).

Module Conditions
 The following conditions have to be fulfilled:
 1. The course T-INFO-113083 - Machine Learning in Climate and Environmental Sciences - Pass must have been started.

Recommendation
 • Previous programming experience, e.g. in scientific contexts or in computer science, is required.
 • Knowledge of fundamentals about machine learning is an advantage.
 • Knowledge of the Python programming language is an advantage.
 • Good knowledge of mathematical concepts such as linear algebra is an advantage.
 • An interest in scientific questions important for the climate- and environmental sciences.