

How to choose Computer Science courses at FAU

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Friedrich-Alexander University of Erlangen-Nuremberg (FAU)

<https://www.informatik.studium.fau.de/erasmus-incoming-students>

On pages 3-5 you can find a guide how to search for a specific course. For example, if you already found your desired courses in the List of English Courses for Computer Science at FAU (see <https://www.informatik.studium.fau.de/studierende/erasmus-incoming-students> for a PDF)

- [Starting from page 6](#), you can find a guide on how to look up other courses and how to check in which language these are taught.
- [Starting from page 19](#), you can find a guide on how to filter for courses taught in English at the department of computer science.

Go to <https://www.campo.fau.de/> and choose English as language

1.   **campo**

User name Password **Login** English

SSO-Login Can't log in?

Home

Admission > J Students Employees Scientia Guest Students

2. **Studies offered** >

Organisation >

Help & contact

If you need help using campo, please see [Help for online applications](#) .

The staff at the [Student Advice and Career Service \(IBZ\)](#) can answer any subject-related questions you may have about applications and studying.

Answers to common questions regarding applications can be found in the [FAQs](#) .

If you have any technical questions, please e-mail campo@fau.de .

If you have any questions regarding **event and exam administration**, please contact our support hotline at +49 (0) 9131 85 20306 during the following hours:

- Monday, Tuesday and Thursday from 9.00 to 12.00
- Wednesday from 13.00 to 16.00

Alternatively, please e-mail support-exa@fau.de .

← Main menu

Studies offered

3. Search for courses

Search special events

Show current courses

Show university course catalog

Module descriptions

Show course of studies schedule

Show lecturers timetable

Search for courses by search term or by extended search criteria.

U Students Employees Scientia Guest Students

Help & contact

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Search for courses

[Help for search](#)

5. Type in your desired course

Basic data ▾

Search terms ⓘ

Semester-independent title

Short text

Semester-dependent title

Semester ▾

Course type

Teaching language

4. Choose your desired semester

Note: The courses for your semester at FAU might not yet be visible in campos. In that case you can look up information about the courses in the corresponding semester (winter or sommer) a year before your stay.

Structure ▾

Organizational unit = ▾

Degree program = ▾

Lecturers, locations and dates ▾

Lecturer(s)

= ▾

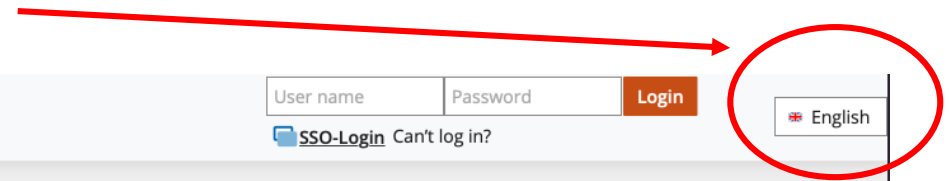
= ▾

Endtime

[Help for search](#)

Guide on how to look up courses and how to check
in which language these are taught.

Go to <https://www.campo.fau.de/> and choose English as language



The screenshot shows the main interface of the 'campo' website. At the top left is the 'campo' logo with a home icon and a hamburger menu icon. To the right are login fields for 'User name' and 'Password', a 'Login' button, and a language selection dropdown set to 'English'. Below the logo is a navigation menu with 'Home' selected, and other options like 'Admission', 'Studies offered' (circled in red), and 'Organisation'. The main content area is divided into sections for 'J Students', 'Employees', and 'Scientia Guest Students'. A 'Help & contact' section provides information about support services, including contact details for the Student Advice and Career Service (IBZ) and technical support via email.

← Main menu

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Show all courses in a hierarchic structure.

Students Employees Scientia Guest Students

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Show university course catalog

Course catalog for Winter semester 2023/24

Semester **Winter semester 2023/24**

Choose your semester

Note: The courses for your semester at FAU might not yet be visible in campo. In that case you can look up information about the courses in the corresponding semester (winter or sommer) a year before your stay.

Course catalogue

FAU course catalogue

- Faculty of Humanities, Social Sciences and Theology
- Faculty of Business, Economics and Law
- Faculty of Medicine
- Faculty of Sciences
- Faculty of Engineering**
- Electives, soft skills and language courses
- FAU Scientia guest student program
- Courses for gifted high school students
- Library courses (Link)
- English-taught courses

You can also look for courses here but they are not ordered by degree program

+ Advanced Materials and Processes	🔗	☰
+ Advanced Optical Technologies	🔗	☰
+ Advanced Signal Processing & Communications Engineering	🔗	☰
+ Artificial Intelligence	🔗	☰
+ Berufspädagogik Technik	🔗	☰
+ Chemical Engineering - Nachhaltige Chemische Technologien	🔗	☰
+ Chemie- und Bioingenieurwesen		
+ Clean Energy Processes		
+ Communications and Multimedia Engineering	🔗	☰
+ Computational Engineering	🔗	☰
+ Computational Engineering (Elite)	🔗	☰
+ Elektromobilität-ACES		
+ Elektrotechnik - Elektronik und Informationstechnik		
+ Energietechnik		
+ Informatik		
+ Informatik/IT-Sicherheit	🔗	☰
+ Information and Communication Technology	🔗	☰
+ Informations- und Kommunikationstechnik	🔗	☰
+ Internationales Projektmanagement Großanlagenbau	🔗	☰
+ International Production Engineering and Management	🔗	☰


Look for courses at these 3 places:
AI, CE or INF (more info on the next slides)


DO NOT CHOOSE COURSES HERE:
Computer Science/IT Security (BSc) is a special program is for working students who study in their spare time and is **not available for regular students or visiting students.**


+ Computational Engineering			
+ Computational Engineering (Elite)			
+ Elektromobilität-ACES			
+ Elektrotechnik - Elektronik und Informationstechnik			
+ Energietechnik			
- Informatik			
+ 1. Staatsprüfung für das Lehramt an Gymnasien Informatik Hauptfach PO-Version 2007			
+ 1. Staatsprüfung für das Lehramt an Gymnasien Informatik Hauptfach PO-Version 20222			
+ 1. Staatsprüfung für das Lehramt an Mittelschulen Informatik Hauptfach PO-Version 20162			
+ 1. Staatsprüfung für das Lehramt an Mittelschulen Informatik Hauptfach PO-Version 20222			
+ 1. Staatsprüfung für das Lehramt an Realschulen Informatik Hauptfach PO-Version 2007			
+ 1. Staatsprüfung für das Lehramt an Realschulen Informatik Hauptfach PO-Version 20222			
+ Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2010			
+ Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2013			
+ Bachelor of Science Informatik Hauptfach PO-Version 20092			
+ Bachelor of Science Informatik Hauptfach PO-Version 20222	Bachelor		
+ Master of Science Informatik Hauptfach PO-Version 2010	Master works similarly to Bachelor		
+ Informatik/IT-Sicherheit			
+ Information and Communication Technology			
+ Informations- und Kommunikationstechnik			
+ Internationales Projektmanagement Großanlagenbau			
+ International Production Engineering and Management			


▶	📄	Lehramt Mittelschule Informatik Hauptfach PO-Version 20222	🔗 ⌵
▶	📄	Lehramt Realschule Informatik Hauptfach PO-Version 2007	🔗 ⌵
▶	📄	Lehramt Realschule Informatik Hauptfach PO-Version 20222	🔗 ⌵
▶	📄	Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2010	🔗 ⌵
▶	📄	Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2013	🔗 ⌵
▶	📄	Bachelor of Science Informatik Hauptfach PO-Version 20092	🔗 ⌵
▼	📄	Bachelor of Science Informatik Hauptfach PO-Version 20222	🔗 ⌵
▶	🔑	10000 Bachelor's examination	🔗 ⌵
▶	📄	Master of Science Informatik Hauptfach PO-Version 2010	🔗 ⌵
▶	🔗	Informatik/IT-Sicherheit	🔗 ⌵
▶	🔗	Information and Communication Technology	🔗 ⌵
▶	🔗	Informations- und Kommunikationstechnik	🔗 ⌵
▶	🔗	Internationales Projektmanagement Großanlagenbau	🔗 ⌵
▶	🔗	International Production Engineering and Management	🔗 ⌵


Lehramt Gymnasium Informatik Hauptfach PO-Version 20222


▶  Lehramt Mittelschule Informatik Hauptfach PO-Version 20162


▶  Lehramt Mittelschule Informatik Hauptfach PO-Version 20222


▶  Lehramt Realschule Informatik Hauptfach PO-Version 2007


▶  Lehramt Realschule Informatik Hauptfach PO-Version 20222

▶  Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2010


▶  Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2013


▶  Bachelor of Science Informatik Hauptfach PO-Version 20092


▼  Bachelor of Science Informatik Hauptfach PO-Version 20222


▼  10000 Bachelor's examination

▶  2000 Total

▶  Master of Science Informatik Hauptfach PO-Version 2010

▶  Informatik/IT-Sicherheit




















































▶  Information and Communication Technology

▶  Informations- und Kommunikationstechnik

▶  Internationales Projektmanagement Großanlagenbau

▶  International Production Engineering and Management





























































▶  Life Science Engineering

▶  Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2010	 
▶  Bachelor of Arts (2 Fächer) Informatik 1. Fach PO-Version 2013	 
▶  Bachelor of Science Informatik Hauptfach PO-Version 20092	 
▼  Bachelor of Science Informatik Hauptfach PO-Version 20222	 
▼  10000 Bachelor's examination	 
▼  2000 Total	 
▶  1800 Minor subject	 
▶  1700 Compulsory elective Subject (Compulsory elective Modules from at least 2 specializations)	 
▶  1750 Electives from Informatics in automotive engineering (elective modules in at least 2 specializations)	 
▶  1999 Bachelor's thesis	 
▶  93097 Introduction to software engineering	 
▶  67630 Mathematics for INF 1	 
▶  67640 Mathematics for INF 2	 
▶  67650 Mathematics for INF 3	 
▶  67660 Mathematics for INF 4	 
▶  93000 Algorithms for continuous systems	 
▶  93010 Theory of computation and formal languages	 

To find out in which language the course is taught, just follow these steps:

Most Bachelor courses for first 4 semesters in Computer Science are in German (Deutsch)

Courses in 5. and 6. semester can be in English and are often offered in master programs as well

  1800 Total	 
  1800 Minor subject	 
  1700 Compulsory elective Subject (Compulsory elective Modules from at least 2 specializations)	 
  93701 Focus module: Database systems	 
  93702 Focus module: Discrete simulation	 
  93703 Focus module: Electronics and information technology	 
  93705 Focus module: Hardware/software co-design	 
  93706 Focus module: Communication systems	 
  93707 Focus module: Artificial intelligence	 
  93709 Focus module: Pattern recognition	 
  93710 Focus module: Programming systems	 
  93711 Focus module: Computer architecture	 
  93712 Focus module: Software engineering	 
  93713 Focus module: Systems simulation	 
  93714 Focus module: Theoretical computer science	 

Select what you're focusing on.

For example this one

	93707 Focus module: Artificial intelligence		
	93709 Focus module: Pattern recognition		
	23070 Biomedical signal analysis		
	44130 Pattern recognition		
	44140 Interventional medical image processing		
	44150 Diagnostic medical image processing		
	44445 Cognitive neuroscience for AI developers		
	44455 Speech and Language Processing		
	65718 Introduction to machine learning		
	93182 Mainframe programming II		
	93330 Deep learning for beginners		
	93340 Introduction to network science		
	428256 Machine learning for time series		
	505241 Mainframe programming		
	639119 Music processing analysis - Lecture and exercise		
	645618 Human computer interaction		
	93710 Focus module: Programming systems		

Select your preferred course

▶ 🔗 93707 Focus module: Artificial intelligence	🔗 ☰
▼ 🔗 93709 Focus module: Pattern recognition	🔗 ☰
▶ 🌱 23070 Biomedical signal analysis	🔗 ☰
▼ 🌱 44130 Pattern recognition	🔗 ☰
▶ 📖 PR E - Pattern Recognition Exercises - Tutorial/exercise	🔗 ☰
▶ 📖 PR - Pattern Recognition - Lecture	🔗 ☰
▶ 🌟 41301 Pattern recognition - Teilleistung	🔗 ☰
▶ 🌱 44140 Interventional medical image processing	🔗 ☰
▶ 🌱 44150 Diagnostic medical image processing	🔗 ☰
▶ 🌱 44445 Cognitive neuroscience for AI developers	🔗 ☰
▶ 🌱 44455 Speech and Language Processing	🔗 ☰
▶ 🌱 65718 Introduction to machine learning	🔗 ☰
▶ 🌱 93182 Mainframe programming II	🔗 ☰
▶ 🌱 93330 Deep learning for beginners	🔗 ☰
▶ 🌱 93340 Introduction to network science	🔗 ☰
▶ 🌱 428256 Machine learning for time series	🔗 ☰
▶ 🌱 505241 Mainframe programming	🔗 ☰

Select the lecture/Vorlesung

Semester planning

Events

Contents

Course catalog

Modules and degree programs

Documents

Basic data

Title	Pattern Recognition	Course type	Lecture
Short text	PR	Module frequency	Only in wi
Organizational unit	<ul style="list-style-type: none">PhilFak Digital Humanities Master of Arts (Verantwortlicher)ReWiFak Finance - Auditing - Controlling - Taxation Master of Science (Verantwortlicher)ReWiFak International Information Systems Master of Science (Verantwortlicher)ReWiFak Marketing Master of Science (Verantwortlicher)ReWiFak Wirtschaftsinformatik Bachelor of Science (Verantwortlicher)More...	ECTS credits	3.75
		Semester hours per week	3.0
		Link to StudOn course (login)	Parallelgr

Some modules are offered in German AND English, or in German OR English, which in practice often means that the module is in German. If in doubt, ask your Erasmus coordinator

Pattern Recognition

 [Export data as iCalendar \(.ics\)](#)  [Individual dates](#)  [Open details](#)

Semester hours per week	3.0
Teaching Language	english
Responsible	<ul style="list-style-type: none">Paul StowerProf. Dr.-Ing. Andreas Maier

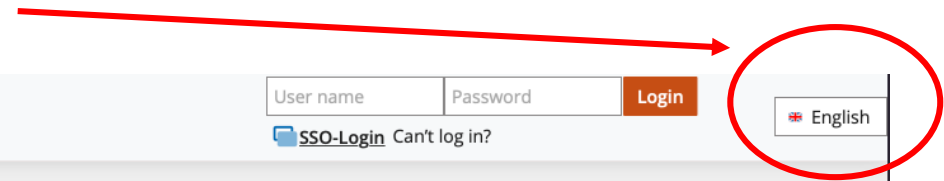
Here you can see in which language the chosen course is taught

Modules are very likely offered in English if English is the only language in this short description

Changes Frequency Weekday From - To Cancellation Start date - End date Exp. Att. Comment Lecturer(s) Room

Guide on how to filter for courses taught in English
at the department of computer science.

Go to <https://www.campo.fau.de/> and choose English as language



The screenshot shows the homepage of the 'campo' portal. The top navigation bar includes a home icon, the 'campo' logo, and a login section with fields for 'User name' and 'Password', a 'Login' button, and an 'SSO-Login' link. A language selection dropdown is set to 'English'. The left sidebar menu has 'Home', 'Admission', 'Studies offered' (highlighted in yellow and circled in red), and 'Organisation'. The main content area features tabs for 'J Students', 'Employees', and 'Scientia Guest Students'. A 'Help & contact' section provides information on how to get assistance, including contact details for the Student Advice and Career Service (IBZ) and a support hotline.

← Main menu

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Due to the university closure from 24.12.2023-06.01.2024, we will be on Christmas break during this period. Please send your inquiries by e-mail to campo@fau.de. From 08.01.2024 we will take care of your inquiries again.

You are here: [Home](#) > [Studies offered](#) > [Search for courses](#)

Search for courses

[Help for search](#)

Basic data

Search terms

Semester-independent title

Short text

Semester-dependent title

Semester

Course type =

Teaching language =

5. Choose english

- (value not existing)
- german
- english**
- german or english
- spanish
- german or spanish

4. Select your desired semester

Structure

Organizational unit =

[Select](#)

Degree program =

[Select](#)

6. Click to select your degree programm (see next slide)

Lecturers, locations and dates

Note: The courses for your semester at FAU might not yet be visible in campo. In that case you can look up information about the courses in the corresponding semester (winter or sommer) a year before your stay.

Weekday =

Start time

Endtime

Unique name

Name

Regular number of semesters

Part of studies weighted in ECTS points

Course of study type =

Degree =

Subject =

Course specialization =

Major field of study =

Subject indicator =

Version of examination regulation =

Type of studies =

Place of studies =

Form of studies =

Kind of studies =

Admissible

Ability to study

Organizational unit =

7. Type in „informatik“

8. Select your degree: Bachelor of science or Master of science

9.

11.

Confirm selection Return without change of selection

Already selected (2) Select all Delete selected items

Search terms: Name: informatik ; Degree: Bachelor of Science

Course of study found (40 items)

[Show filter](#) [Edit table](#)

For bachelor: do not select the first option because it is outdated

10. Select your degree program

<input type="checkbox"/>	Unique name	Course of study type	Name	Degree	Subject	Organizational unit	Major field of study	Course specialization	Subject indicator	Version of examination regulation	Place of studies	Valid from	Valid to	Admissible	Ability to study	Short text
<input type="checkbox"/>	55 079 - - H 2007 E P V 1	Vollstudiengang	B.Sc. Informatik (PO 2007)	Bachelor of Science	Computer Science	TechFak Informatik Bachelor of Science	No specialization	kein Schwerpunkt	Main subject	Version 2007	Erlangen	01/01/2007	12/31/2009	Yes	Yes	Informatik
<input checked="" type="checkbox"/>	55 079 - - H 20091 E P V 1	Vollstudiengang	B.Sc. Informatik (PO 20091)	Bachelor of Science	Computer Science	TechFak Informatik Bachelor of Science	No specialization	kein Schwerpunkt	Main subject	Version 20091	Erlangen	04/01/2009	12/31/2009	Yes	Yes	Informatik
<input checked="" type="checkbox"/>	55 079 - - H 20092 E P V 1	Vollstudiengang	B.Sc. Informatik (PO 20092)	Bachelor of Science	Computer Science	TechFak Informatik Bachelor of Science	No specialization	kein Schwerpunkt	Main subject	Version 20092	Erlangen	01/01/2009	12/31/2100	Yes	Yes	Informatik
<input type="checkbox"/>	55 079 - - H 2007 E P V 2	Vollstudiengang	B.Sc. Informatik (PO 2007 Zweitstudium)	Bachelor of Science	Computer Science	TechFak Informatik Bachelor of Science	No specialization	kein Schwerpunkt	Main subject	Version 2007	Erlangen	01/01/2007	12/31/2009	Yes	Yes	Informatik
<input type="checkbox"/>	55 079 - - H 20092 E P V 2	Vollstudiengang	B.Sc. Informatik (PO 20092 Zweitstudium)	Bachelor of Science	Computer Science	TechFak Informatik Bachelor of Science	No specialization	kein Schwerpunkt	Main subject	Version 20092	Erlangen	01/01/2009	12/31/2100	Yes	Yes	Informatik



Login

 SSO-Login [Can't log in?](#)

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You are here: [Home](#) > [Studies offered](#) > [Search for courses](#)

Search for courses

12. [Help for search](#)

Basic data

Search terms Semester-independent title Short text Semester-dependent title Semester Course type = Teaching language = 

Structure

Organizational unit = [Select](#)Degree program =

B.Sc. Informatik (PO 20091)

B.Sc. Informatik (PO 20092)

[Change the selection.](#)[Delete selected items](#)

Lecturers, locations and dates

Lecturer(s) [Select](#)Room = [Select](#)