

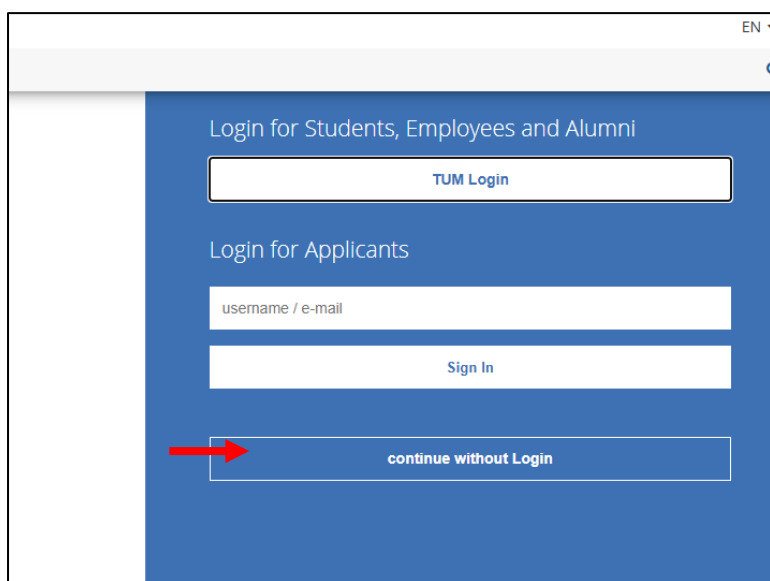
# How to Find Courses for Your Exchange Stay at TUM CIT Electrical and Computer Engineering

When looking for courses, please take our Exchange Program Electrical and Computer Engineering (98 500) in TUMonline as your starting point (below described as **Option 1**). It contains a vast selection of the most attended courses by exchange students during last years.

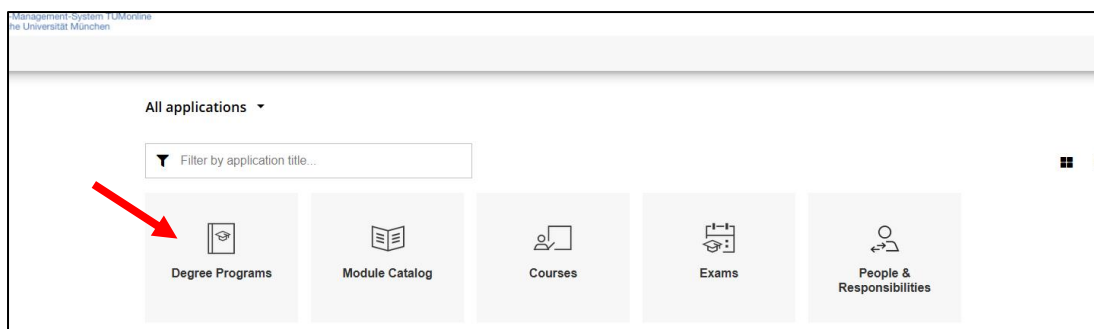
If you would like to look for additional Informatics courses (not listed in 98 500)/courses of other subject-areas, you can use the general course search in TUMonline (below described as **Option 2**).

## Option 1 (Exchange Program Electrical and Computer Engineering):

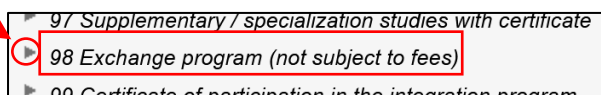
- Go to [www.campus.tum.de](http://www.campus.tum.de) (TUMonline)
- In the Log In section, click “Continue without login”



- Select “Degree Programs”.



- Select section “98 Exchange program (not subject to fees)” by clicking on the small grey arrow in front



- You will get a very long list of all the Exchange programs at TUM across many subject-areas.
- Select Exchange program “500 Electrical and Computer Engineering (kA/2)”.

98 Exchange program (not subject to fees)	902	<a href="#">Clinical Medicine (kA/20241)</a>
98 Exchange program (not subject to fees)	500	<a href="#">Electrical and Computer Engineering (kA/2)</a>
98 Exchange program (not subject to fees)	437	<a href="#">Exchange Program Aerospace (ISCED 0716) (kA/20241)</a>

- You will get a list of the most attended courses by exchange students during last years sorted by study level (bachelor or master) from which you can choose.

Node filter-Name

- [2] Exchange Studies Electrical and Computer Engineering
  - Bachelor
    - [EI0900] Engineering Practice
    - [EI1000] Bachelor's Thesis
    - [EI00460] Discrete Mathematics for Engineers
    - [EI00410] Electrical Power Engineering
    - Electrical Power Engineering
    - Electrical Power Engineering
    - [EI00310] Theory of Electromagnetic Fields
    - [EI00420] Electronic Circuits
    - [EI00320] Solid State, Semiconductor and Device Physics
    - [EI00430] Measurement Systems and Sensor Technology
    - [EI00440] Communications Systems
    - [EI00450] Control Systems
    - [EI00330] Signal Theory
    - [EI00340] Stochastic Signals
    - Elective Laboratories Bachelor EI
    - Elective Lectures Bachelor EI
  - Master

orange plus-sign = module/course title.  
green sphere = exam for the course.  
red triangle = course itself.

- The green sphere represents the exam.
- The red triangle represents the course itself.
- To find out, when the course is offered, choose the **academic year** 2024/25 you are interested in (choose the current academic year or a previous cycle, considering the late publication dates of courses).
- The first column indicates in which term the course is offered: **xxW** = winter semester, **xxS** = summer semester.
- When clicking on the underlined course title, you get redirected to the course description.
- Click on the given location for a redirect to a map of the building. TUM has several campuses spread over Munich ([Campus locations](#)), TUM CIT Informatics is mainly located in Research Center Garching:

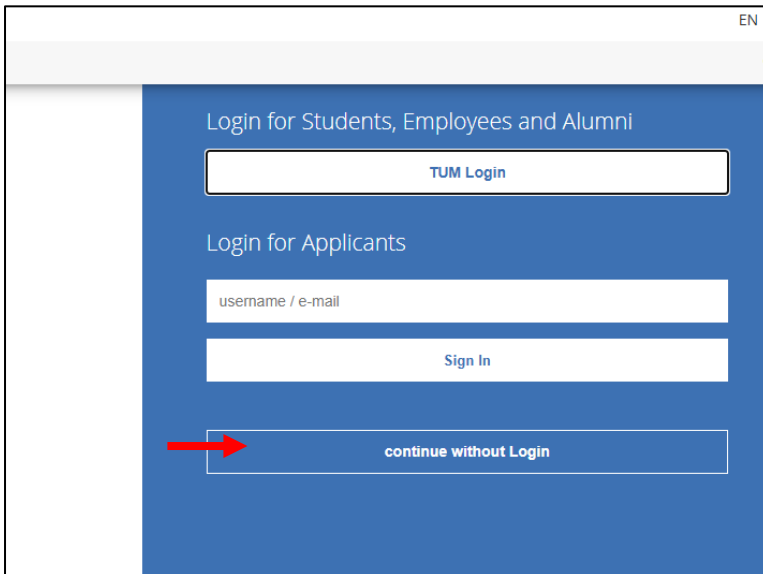
<ul style="list-style-type: none"> <li>Digital System Design with VHDL and System C</li> <li> <ul style="list-style-type: none"> <li>Digital System Design with VHDL and System C</li> </ul> </li> </ul>					
Course(s) in academic year	2024/25	Part	Lecturer (Assistant)	Place (1st session)	Time (1st session)
0000003406	24W	4SWS VI	Digital System Design with VHDL and System C	Ecker W	4905, Mehrzweck-U-Raum (0509.05.905) 18.10.24 09:00 - 12:00
<ul style="list-style-type: none"> <li>Digital System Design with VHDL and System C</li> </ul>					
Course(s) in academic year	2024/25	Part	Lecturer (Assistant)	Place (1st session)	Time (1st session)
0000005077	25S	4SWS VI	Digital System Design with VHDL	Ecker W	2999, Seminarraum (0509.03.999) 25.04.25 09:00 - 12:00

- Some lectures have accompanying exercises, which are listed under a separate red triangle.

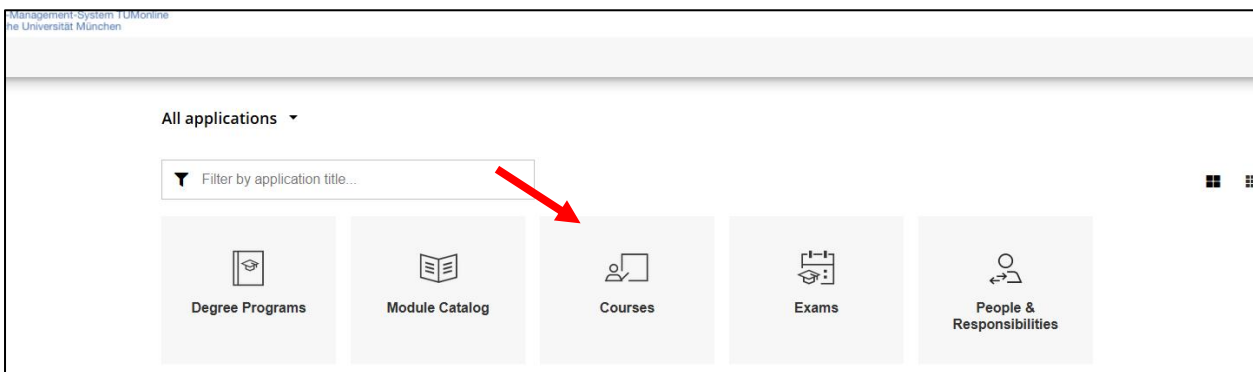
## Option 2 (TUMonline's General Course Search):

If you want to choose courses that were not listed within Option 1, you can also check the general course search:

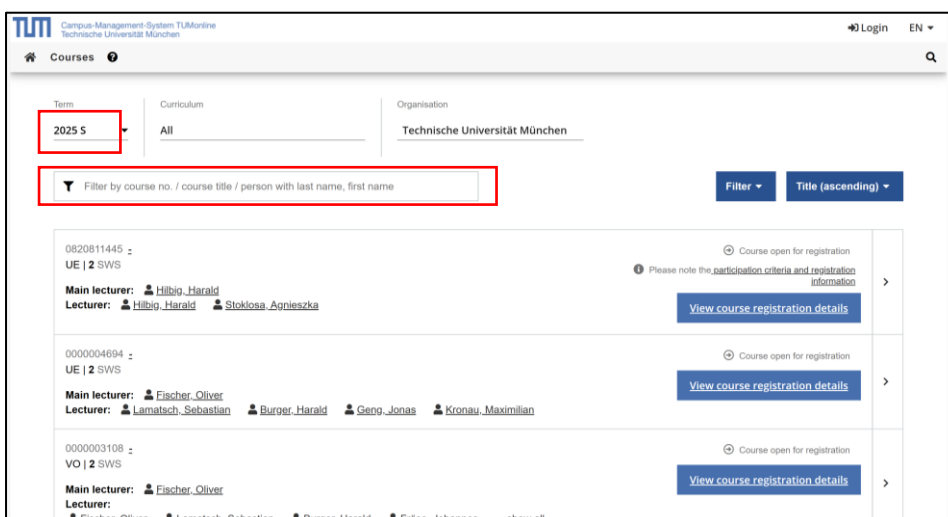
- Go to [www.campus.tum.de](http://www.campus.tum.de) (TUMonline)
- In the Log In section, click **"Continue without login"**



- Select **„Courses“**



- If the course offer for your exchange semester is not released yet, you have to select the course offer of the previous winter or summer term. We cannot guarantee that all courses will be offered in the same manner, but the previous academic year is always a good indicator for the upcoming course offer.
- You can also use the search bar for entering key words/course topics that might interest you.



- To reduce the search results to courses that are only taught in English, you can click on “**Filter**” to set the “**Language of Instruction**” to English.

The screenshot shows a search filter menu overlaid on a course search page. The menu has a 'Remove All Filters' button at the top. The 'Language of instruction' filter is expanded, showing 'English' as the selected option, which is highlighted with a red box. Other filters visible include 'Content/Objective' (set to 'At least 3 letters'), 'Type' (set to 'All'), 'Registration period' (set to 'All'), 'City/District' (set to 'At least 3 letters'), and 'Date from' and 'Date to' (both set to 'DD.MM.YYYY').

- When you click on a course, the respective course description will open.

The screenshot shows a course overview page. On the left is a sidebar with navigation links: 'Back', 'Overview' (selected), 'Description', 'Dates and Groups', 'Status within Curriculum', 'Equivalent courses', and 'View course registration details'. The main content area is titled 'Overview' and contains the following information:

<b>Title</b>	Machine Learning and Optimization
<b>Number</b>	0000002118
<b>Persons involved</b>	<b>Head</b> <a href="#">Heckel, Reinhard</a> <b>Lecturer (Assistant)</b> <a href="#">Heckel, Reinhard</a> <a href="#">Joglekar, Omkar</a> <a href="#">Emrich, Jonas</a>
<b>Type</b>	lecture with integrated exercises (VI)
<b>Semester weekly hours</b>	4
<b>ECTS credits</b>	-
<b>Course language/s</b>	English
<b>Offered in</b>	Winter semester 2025/26
<b>Organisation</b>	<a href="#">Associate Professorship of Machine Learning (Prof. Heckel)</a>

Below the overview is a section for the 'Description'.

- In case there is not sufficient information in the course description (e.g. no number of ECTS indicated), you can search for more information on single courses selecting “**module catalog**”:

The screenshot shows a navigation screen with the title 'Management-System TUMonline' and 'he Universität München'. Below the title is a dropdown menu 'All applications' and a search bar 'Filter by application title...'. A red arrow points to the 'Module Catalog' button, which is highlighted. Other buttons visible are 'Degree Programs', 'Courses', 'Exams', and 'People & Responsibilities'.

- Choose “Technische Universität München” as “Root Organization”.


Please select an organisation

**ROOT ORGANISATION**

TU00000 Technische Universität München

**ALL ORGANISATIONS**

TU00000 Technische Universität München

 / Academic department

TUMAFMA Former TUM Department of Mathematics

- Set the filter to the semester you’re searching for (or a previous one), enter the course code/title of the course you would like to search for and click on “filter”.

**Filter**

Name or ID

Semester (description) <=

[Remove filter](#) [Filter](#)

- After clicking on the course title, the module description opens. It provides you with a lot of additional information on the respective course, e.g. ECTS, examination, prerequisites, learning outcomes etc.