

Info sheet 20 CP Computer Science

If you have been granted limited admission to the Machine Learning and Data Analytics degree program and still have to provide proof of missing credit points (CP) in the field of computer science according to the admission regulations of Aalen University, this information sheet is intended to help you select appropriate lectures.

- Overall, students who have not studied computer science or business informatics must provide evidence of at least 20 CP from the field of computer science. In order to be recognized, these subjects must teach the same content as is taught in a computer science or business informatics course. In particular, subjects that only teach basic IT skills (using Office programs, etc.) are not eligible for recognition.

If you have not completed such subjects in your previous studies, these credits can be made up by the end of the first semester. You must provide evidence of minimum performance in each of the following areas. Try to cover as many areas as possible, either through subjects that have already been recognized or the subjects that you make up in the first semester.

Algorithmen und Theoretische Informatik: 5 CP –

Algorithmen und Datenstrukturen 1
Algorithmen und Datenstrukturen 2
Theoretische Informatik 1

Praktische Informatik (Programmieren, etc.): 5 CP –

Strukturierte Programmierung
Objektorientierte Programmierung
Sichere Programmierung
Datenbanksysteme

Softwaretechnik : 5 CP –

Software Engineering
Software Project Management
Software Architecture
Software Quality

Technische Informatik: 5 CP –

Rechnerarchitektur

Please note the following points when making your choice:

- Please ensure that you do not choose subjects that overlap with subjects that are already recognized.
- Use the lecture timetable to find out which of the subjects you have chosen are actually offered in the current semester and whether the times of the courses are compatible with your personal lecture timetable.
- You will find a form for approving your subjects in the download area of your degree program. Fill in the form with your personal details and the subjects you have chosen and hand it in at the degree program office. You can also send it by e-mail to Sekretariat.Informatik@hs-aalen.de. You will then receive feedback as to whether your choice of subjects has been approved.
- Further questions will be answered in the introductory event at the beginning of the lectures.