DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES

© iStock.com/SeventyFour

Table of Contents

Master's degree

Data Science

Kiel University of Applied Sciences • Kiel

Overview

Degree	Master of Science
Teaching language	• English
Languages	English
Full-time / part-time	• full-time
Programme duration	3 semesters
Beginning	Winter and summer semester
Application deadline	https://www.fh-kiel.de/en/degree-courses/information-for-prospective-students/courses-and-application/
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	Curriculum

First semester of study:

- Data Visualisation and Visual Analytics
- Tools and Programming Languages for Data Science
- Mathematics and Multivariate Statistics
- Machine Learning
- Data Management
- Cloud Computing

Second semester of study

- Social Media Analytics
- Big Data Technologies
- Deep Learning
- Application project
- Elective module

Third semester of study

- Thesis
- Colloquium

The extensive international exchange programme of Kiel University of Applied Sciences provides opportunities for Master's students to travel to different countries and immerse themselves in different cultures within the context of considering how globalisation and new industry growth areas can be used to support innovation, research, and development.

Course Details

Course organisation	https://www.fh-kiel.de/en/degree-courses/information-for-prospective-students/courses-and-application/data-science/
A Diploma supplement will be issued	Yes
International elements	• International guest lecturers
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	274.90 EUR (including semester ticket for train/buses/ferry)
Costs of living	850 EUR
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements	• Access to the Data Science Master's degree programme is granted to those who have completed a Bachelor's degree programme with a grade of at least 2.5. Applicants must also prove that they have earned 30 cumulative credit points (ECTS) in the subjects of Mathematics/Statistics and Computer Science. At least 10 credit points (according to ECTS) in the subject area of Mathematics/Statistics and at least 10 credit points (according to ECTS) in the subject area of Computer Science must be proven.

- If the previous course of study comprised less than 210 credit points but at least 180 credit points, the missing skills must be made up. As a rule, a total of 300 credit points should have been earned. At the beginning of the course of study, the examination board will inform applicants of the skills that need to be made up and the latest possible time for their proof of achievement.
- English language skills (details see below)

Applicants with a Bachelor's degree from outside of the Bologna Area (member of the European Higher Education Area) also require proof of the following qualification:

- a GRE with a minimum score of 55% in the Quantitative Reasoning part of the test

Language requirements	Evidence of English language skills that correspond to at least level B2 of the Common European Framework of Reference for Languages is required. Examples of accepted evidence can be found in Section 7 of the Examination Regulationsfor the Master's degree in Data Science.
Application deadline	https://www.fh-kiel.de/en/degree-courses/information-for-prospective-students/courses-and-application/
Submit application to	https://www.uni-assist.de/en/ Fachhochschule Kiel c/o uni-assist e.V. 11507 Berlin Germany

Services

Possibility of finding part-time employment	Difficult
Accommodation	https://www.fh-kiel.de/en/international/international-office/international-students/degree-seeking-students/

Contact

Kiel University of Applied Sciences
Faculty of Media

Prof Dr Tillmann Schwörer

Grenzstrasse 3
24149 Kiel

Tel. +49 4312102541
✉ tillmann.schwoerer@fh-kiel.de
🌐 Course website: https://www.fh-kiel.de/en/faculties/data-science/

f https://www.facebook.com/FHKiel

⊙ https://www.instagram.com/fachhochschule_kiel/

Last update 07.07.2024 03:23:57

International Programmes in Germany - Database

Disclaimer
The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

Federal Ministry
of Education
and Research