

Courses in English - Winter semester 2023-24 - Mathematics and Data Science

Please note: This table lists all courses available in English. A degree program consists in different modules which are needed for a successful graduation. Within a module different courses about several topics are offered. In some cases courses do not have the same title as the module. We recommend you to inform you beforehand which modules and courses belong together. You earn your ECTS-credits by finishing the module – not the course. You can get more information (also regarding ECTS) by clicking on the module number.

Module number	Module title	Course Number	Course title	Course type	Study level
06-021-DS09- H-0415	Topic Models for Discrete Data	06-021-DS09- S-SE-0415,20232.001	Topic Models for Discrete Data	seminar (on-campus)	Bachelor
06-021-DS11- H-0616	Theoretical and Empirical Modelling	06-021-DS11- S-SE-0616,20232.001	Theoretical and Empirical Modelling	seminar (on-campus)	Bachelor
82-105-DS01- H-0822	Analysis 1 for Data Science	82-105-DS01- S-UE-0822,20232.001	Analysis 1 for Data Science	practice (on-campus)	Bachelor
82-105-DS01- H-0822	Analysis 1 for Data Science	82-105-DS01- S-VL-0822,20232.001	Analysis 1 for Data Science	lecture (on-campus)	Bachelor
82-105-DS02- H-0822	Introduction to Programming	82-105-DS02- S-UE-0822,20232.001	Introduction to Programming	practice (on-campus)	Bachelor
82-105-DS02- H-0822	Introduction to Programming	82-105-DS02- S-UE-0822,20232.002	Introduction to Programming	practice (on-campus)	Bachelor
82-105-DS05- H-0822	Foundations of Data Science	82-105-DS05- S-UE-0822,20232.001	Foundations of Data Science	practice (on-campus)	Bachelor
82-105-DS05- H-0822	Foundations of Data Science	82-105-DS05- S-VL-0822,20232.001	Foundations of Data Science	lecture (on-campus)	Bachelor
82-105-DS09- H-0822	Advanced Programming	82-105-DS09- S-UE-0822,20232.001	Advanced Programming	practice (on-campus)	Bachelor
82-105-DS11- H-0822	Optimization in Data Science	82-105-DS11- S-UE-0822,20232.001	Optimization in Data Science	practice (on-campus)	Bachelor
82-105-DS11- H-0822	Optimization in Data Science	82-105-DS11- S-VL-0822,20232.001	Optimization in Data Science	lecture (on-campus)	Bachelor
82-105-DS26- H-0923	Preliminary course "Mathematics for Data Science"	82-105-DS26- S-UE-0923,20232.001	Preliminary course "Mathematics for Data Science"	practice (on-campus)	Bachelor
82-105-DS26- H-0923	Preliminary course "Mathematics for Data Science"	82-105-DS26- S-VL-0923,20232.001	Preliminary course "Mathematics for Data Science"	lecture (on-campus)	Bachelor
82-105-L- MAT03-H-0512	Linear Algebra 1	82-105-L- MAT03-S-UE-0512,20232.002	Linear Algebra 1 for Data Science Add. Exercise	practice (on-campus)	Bachelor
82-105- MAT19-H-0610	Introduction to Statistic	82-105- MAT19-S-UE-0610,20232.001	Introduction Statistic	practice (on-campus)	Bachelor
82-105- MAT19-H-0610	Introduction to Statistic	82-105- MAT19-S-VL-0610,20232.001	Introduction Statistic	lecture (on-campus)	Bachelor