

Courses in English - Summer semester 2024 - 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
82-021-D3B06-H-0122	Algorithms and Data Structures	82-021-D3B06- S-UE-0122.20241.001	Algorithms and Data Structures	practice (on-campus)	Bachelor
82-021-D3B06-H-0122	Algorithms and Data Structures	82-021-D3B06- S-VL-0122.20241.001	Algorithms and Data Structures	lecture (on-campus)	Bachelor
82-021-IFM12-H-1222	Business Analytics and Data Mining	82-021-IFM12- S-UE-1222.20241.001	Business Analytics and Data Mining	practice (on-campus)	Bachelor
82-021-WM07-H-0121	The Science of Happiness: A Multi- Disciplinary and Multi-Cultural Approach to Happiness and Well- being	82-021-WM07- S-VL-0121.20241.001	The Science of Happiness: A Multi- Disciplinary and Multi-Cultural Approach to	lecture (online)	Bachelor
82-105-DS03-H-0822	Data Lab	82-105-DS03- S-PR-0822.20241.001	Data Lab	project work / workshop (on-campus)	Bachelor
82-105-DS06-H-0822	Foundations of Machine Learning	82-105-DS06- S-UE-0822.20241.001	Foundations of Machine Learning	practice (on-campus)	Bachelor
82-105-DS06-H-0822	Foundations of Machine Learning	82-105-DS06- S-VL-0822.20241.001	Foundations of Machine Learning	lecture (on-campus)	Bachelor
82-105-DS07-H-0822	Hands-on Machine Learning and Data Science	82-105-DS07- S-UE-0822.20241.001	Hands-on Machine Learning and Data Science	practice (on-campus)	Bachelor
82-105-DS07-H-0822	Hands-on Machine Learning and Data Science	82-105-DS07- S-VL-0822.20241.001	Hands-on Machine Learning and Data Science	lecture (on-campus)	Bachelor
82-105-DS10-H-0822	Analysis 2 for Data Science	82-105-DS10- S-UE-0822.20241.001	Analysis 2 for Data Science	practice (on-campus)	Bachelor
82-105-DS10-H-0822	Analysis 2 for Data Science	82-105-DS10- S-UE-0822.20241.002	Analysis 2 for Data Science	practice (on-campus)	Bachelor
82-105-DS10-H-0822	Analysis 2 for Data Science	82-105-DS10- S-VL-0822.20241.001	Analysis 2 for Data Science	lecture (on-campus)	Bachelor
82-105-DS12-H-0822	Statistical Learning	82-105-DS12- S-UE-0822.20241.001	Statistical Learning	practice (on-campus)	Bachelor
82-105-DS12-H-0822	Statistical Learning	82-105-DS12- S-VL-0822.20241.001	Statistical Learning	lecture (on-campus)	Bachelor
82-105-L-MAT31- H-0512, 82-105-L- MAT16-H-0512	Differential Equations (GS/HS/RS); Differential Equations I	82-105-L- MAT16-S-UE-0512.20241.002	Differential Equations I	practice (on-campus)	Bachelor
82-105-L-MAT31- H-0512, 82-105-L- MAT16-H-0512	Differential Equations (GS/HS/RS); Differential Equations I	82-105-L- MAT16-S-VL-0512.20241.002	Differential Equations I	lecture (on-campus)	Bachelor
82-105-MAT25-H-0512	Linear Algebra 2 and Analytic Geometry	82-105- MAT25-S-UE-0512.20241.003	Linear Algebra 2 and Analytic Geometry	practice (on-campus)	Bachelor
82-105-MAT25-H-0512	Linear Algebra 2 and Analytic Geometry	82-105- MAT25-S-UE-0512.20241.004	Linear Algebra 2 and Analytic Geometry	practice (on-campus)	Bachelor
82-105-MAT25-H-0512	Linear Algebra 2 and Analytic Geometry	82-105- MAT25-S-VL-0512.20241.002	Linear Algebra 2 and Analytic Geometry	lecture (on-campus)	Bachelor
82-105-MAT30-H-0512	Introduction to Scientific Computing	82-105- MAT30-S-UE-0512.20241.002	Introduction to Scientific Computing	practice (on-campus)	Bachelor
82-105-MAT30-H-0512	Introduction to Scientific Computing	82-105- MAT30-S-UE-0512.20241.003	Introduction to Scientific Computing	practice (on-campus)	Bachelor
82-105-MAT30-H-0512	Introduction to Scientific Computing	82-105- MAT30-S-VL-0512.20241.002	Introduction to Scientific Computing	lecture (on-campus)	Bachelor
82-105-MAT36-H-1114	Mathematical Programming	82-105- MAT36-S-VL-1114.20241.001	Mathematical Programming	lecture/practice (on-campus)	Bachelor