

# Track Assignment Transitions (2023/24)



The present document gives an indication of how teaching units are assigned to old and to new tracks.

Tracks <2023/24

- T0: General
- T1: Distributed Systems
- T2: Advanced Software Engineering
- T3: Advanced Information Processing
- T4: Logic
- T5: Information Systems and Decision Support
- T6: Data Science

Tracks >=2023/24

- T0: General
- T1: Distributed Software Systems
- T2: Security
- T3: Visual Computing
- T4: Theory and Logic
- T5: Information Systems and Decision Support
- T6: Data Science

Code	Academic Year	Semester	Tracks <2023/24	Tracks >=2023/24
<b>3D Geometry Processing</b>				
31097	2022/2023	SS	T3	T3
31097	2023/2024	SS	T3	T3
<b>Advanced Mathematical Modeling and Optimization</b>				
53073	2022/2023	AS	T5	T5
53073	2023/2024	AS	T5	T5
<b>Advanced Networking and Future Internet</b>				
11072	2022/2023	AS	T1	T1
<b>Advanced Software Engineering</b>				
13000/23000	2022/2023	AS	T1, T2	T1
13000	2023/2024	AS	T1, T2	T1
<b>Advanced Topics in Decision Support</b>				
53086	2022/2023	SS	T5	T5
53086	2023/2024	SS	T5	T5
<b>Applied Optimization</b>				
31099/61099	2022/2023	AS	T3, T6	T3, T6
31099/61099	2023/2024	AS	T3, T6	T3, T6
<b>Automata on Infinite Structures</b>				
43024	2022/2023	AS	T4	T4
43024	2023/2024	AS	T4	T4
<b>Big Data Infrastructures</b>				
63021	2022/2023	AS	T6	T6
63021	2023/2024	AS	T6	T6
<b>Choice-based Optimization and its Application to Revenue Management</b>				
53119	2022/2023	SS	T5	T5
53119	2023/2024	SS	T5	T5
<b>Cloud Computing</b>				
12083/62083	2022/2023	AS	T1, T6	T1, T6
12083/62083	2023/2024	AS	T1, T6	T1, T6
<b>Compiler Construction</b>				
21114	2022/2023	SS	T2	T1
11114	2023/2024	SS	T2	T1
<b>Computer Vision</b>				
31062/61062	2022/2023	AS	T3, T6	T3, T6

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31062/61062	2023/2024	AS	T3, T6	T3, T6
Concurrency: Multi-core Programming and Data Processing				
22027/62027	2022/2023	SS	T2, T6	T1, T6
12027/62027	2023/2024	SS	T2, T6	T1, T6
Cryptographic Protocols				
11106/41106	2022/2023	SS	T1, T4	T2
Cryptography				
11100/41100	2022/2023	AS	T1, T4	T2
Data Management Data Structures				
63112	2022/2023	SS	T6	T6
63112	2023/2024	SS	T6	T6
Deep Learning				
31088/61088	2022/2023	SS	T3, T6	T3, T6
31088/61088	2023/2024	SS	T3, T6	T3, T6
Design and Graphics Programming for Game Development				
33006	2022/2023	SS	T3	T3
33006	2023/2024	SS	T3	T3
Design of Governance in Socio-technical Information Systems				
52028	2022/2023	SS	T5	T5
52028	2023/2024	SS	T5	T5
Digital Humanities				
32108	2022/2023	AS	T3	T3
Digitalization and Information Systems				
53101	2023/2024	SS	T5	T5
Document Image Analysis				
33107/63107	2022/2023	SS	T3, T6	T3, T6
33107/63107	2023/2024	SS	T3, T6	T3, T6
Emerging Technologies in Digitalisation				
23517/53517	2022/2023	SS	T2, T5	T1, T5
Fabrication and Prototyping in the LearningLab				
03117	2022/2023	AS	T0	T0
03117	2023/2024	AS	T0	T0
Fairness and Privacy in Machine Learning				
62116	2022/2023	AS	T6	T4, T6
42116/62116	2023/2024	AS	T6	T4, T6
Foundations and Tools for Processing Semi-structured Data				
43110	2022/2023	SS	T4	T5
53110	2023/2024	SS	T4	T5
Fuzzy Sets and Systems I				
53105	2022/2023	AS	T5	T5
53105	2023/2024	AS	T5	T5
Fuzzy Sets and Systems II				
53104/63104	2022/2023	SS	T5, T6	T5, T6
53104/63104	2023/2024	SS	T5, T6	T5, T6
Graph Based Pattern Recognition				

Code	Academic Year	Semester	Tracks <2023/24	Tracks >=2023/24
31118/61118	2022/2023	SS	T3, T6	T3, T6
31118/61118	2023/2024	SS	T3, T6	T3, T6
Graph Theory and Applications				
53085	2022/2023	AS	T5	T5
53085	2023/2024	AS	T5	T5
Image Processing				
33115	2022/2023	AS	T3	T3
33115	2023/2024	AS	T3	T3
Internet of Things				
11043	2022/2023	SS	T1	T1
Introduction to Recommender Systems				
53084/63084	2022/2023	SS	T5, T6	T5, T6
53084/63084	2023/2024	SS	T5, T6	T5, T6
Justification Logic				
41055	2022/2023	AS	T4	T4
Machine Learning and Data Mining				
32032/62032	2022/2023	AS	T3, T6	T4, T6
42032/62032	2023/2024	AS	T3, T6	T4, T6
Metamodeling				
53098	2022/2023	SS	T5	T5
Mobile Communications				
11033	2023/2024	SS	T1	T1
Multimodal User Interfaces				
03035/33035	2022/2023	SS	T0, T3	T0, T3
03035/33035	2023/2024	SS	T0, T3	T0, T3
Pattern Recognition				
33082/63082	2022/2023	SS	T3, T6	T6
63082	2023/2024	SS	T3, T6	T6
Privacy and Data Security				
21109	2023/2024	SS	T1, T4	T2
Proof Theory				
41120	2023/2024	AS	T4	T4
R&D Workshop				
02535	2022/2023	SS	T0	T0
Reinforcement Learning and Decision Making Under Uncertainty				
62111	2022/2023	SS	T6	T4, T6
42111/62111	2023/2024	SS	T6	T4, T6
Scientific Reading in Computer Networks				
11500	2022/2023	AS	T1	T1
11518	2022/2023	SS	T1	T1
11540	2023/2024	AS	T1	T1
11556	2023/2024	SS	T1	T1
Scientific Writing in Computer Networks				
11501	2022/2023	AS	T1	T1
11519	2022/2023	SS	T1	T1

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11541	2023/2024	AS	T1	T1
11557	2023/2024	SS	T1	T1
Security				
12016	2022/2023	AS	T1	T2
22016	2023/2024	AS	T1	T2
Seminar Advanced Topics in Learning, Privacy and Fairness				
62520	2022/2023	AS	T6	T4, T6
Seminar Advanced Topics in Reinforcement Learning and Decision Making				
62514	2022/2023	SS	T6	T4, T6
42558/62558	2023/2024	SS	T6	T4, T6
Seminar Affective Computing for Empathic Behaviour Change				
33502/63502	2022/2023	AS	T3, T6	T3, T6
33542/63542	2023/2024	AS	T3, T6	T3, T6
Seminar Applied Optimization				
31522	2022/2023	SS	T3	T3, T6
31559/61559	2023/2024	SS	T3	T3, T6
Seminar Chatbots and Conversational Agents				
33503/63503	2022/2023	AS	T3, T6	T3, T6
33543/63543	2023/2024	AS	T3, T6	T3, T6
Seminar Communication and Distributed Systems				
11504	2022/2023	AS	T1	T1
11521	2022/2023	SS	T1	T1
11560	2023/2024	SS	T1	T1
Seminar Computer Graphics and Geometry Processing				
31505	2022/2023	AS	T3	T3
31544	2023/2024	AS	T3	T3
Seminar Cryptography and Data Security				
11506/41506	2022/2023	AS	T1, T4	T2
11524/41524	2022/2023	SS	T1, T4	T2
21561	2023/2024	SS	T1, T4	T2
Seminar Data Science				
63507	2022/2023	AS	T6	T6
63545	2023/2024	AS	T6	T6
Seminar Explainable AI - Human-Computer Interaction meets Artificial Intelligence				
33526/63526	2022/2023	SS	T3, T6	T3, T6
33562/63562	2023/2024	SS	T3, T6	T3, T6
Seminar Foundations of Dependable Systems I				
13510/43510	2022/2023	AS	T1, T4	T1, T4
13546/43546	2023/2024	AS	T1, T4	T1, T4
Seminar Foundations of Dependable Systems II				
13527/43527	2022/2023	SS	T1, T4	T1, T4
13563/43563	2023/2024	SS	T1, T4	T1, T4
Seminar Hands-On Recommender Systems				
53511/63511	2022/2023	AS	T5, T6	T5, T6
53547/63547	2023/2024	AS	T5, T6	T5, T6

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<b>Seminar Hot Topics in Operating Systems</b>				
12534/22534	2022/2023	AS	T1, T2	T1
12548	2023/2024	AS	T1, T2	T1
<b>Seminar Human Smart Cities</b>				
53512/63512	2022/2023	AS	T5, T6	T5, T6
<b>Seminar Human-Computer Interaction I</b>				
33513/63513	2022/2023	AS	T3, T6	T3, T6
33549/63549	2023/2024	AS	T3, T6	T3, T6
<b>Seminar Human-Computer Interaction II</b>				
33528/63528	2022/2023	SS	T3, T6	T3, T6
33564/63564	2023/2024	SS	T3, T6	T3, T6
<b>Seminar Law and Computer Science</b>				
01533	2022/2023	SS	T0	T0
01565	2023/2024	SS	T0	T0
<b>Seminar Life Engineering</b>				
53509/63509	2022/2023	AS	T5, T6	T5, T6
53525/63525	2022/2023	SS	T5, T6	T5, T6
53550/63550	2023/2024	AS	T5, T6	T5, T6
53566/63566	2023/2024	SS	T5, T6	T5, T6
<b>Seminar Logic and Theoretical Computer Science</b>				
41515	2022/2023	AS	T4	T4
41529	2022/2023	SS	T4	T4
41551	2023/2024	AS	T4	T4
41567	2023/2024	SS	T4	T4
<b>Seminar Machine Learning and Artificial Intelligence</b>				
31516/61516	2022/2023	AS	T3, T6	T3, T6
31531/61531	2022/2023	SS	T3, T6	T3, T6
31552/61552	2023/2024	AS	T3, T6	T3, T6
31568/61568	2023/2024	SS	T3, T6	T3, T6
<b>Seminar Pattern Recognition</b>				
31532/61532	2022/2023	AS	T3, T6	T3, T6
31536/61536	2022/2023	SS	T3, T6	T3, T6
31553/61553	2023/2024	AS	T3, T6	T3, T6
31569/61569	2023/2024	SS	T3, T6	T3, T6
<b>Seminar Public Services</b>				
53554/63554	2023/2024	AS	T5, T6	T5, T6
<b>Seminar Quantum Mobile Networks</b>				
11537	2022/2023	SS	T1	T1
<b>Seminar Social Computing</b>				
53523/63523	2022/2023	SS	T5, T6	T5, T6
53570/63570	2023/2024	SS	T5, T6	T5, T6
<b>Seminar Software Engineering</b>				
21508	2022/2023	AS	T2	T1
21530	2022/2023	SS	T2	T1
11555	2023/2024	AS	T2	T1

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11571	2023/2024	SS	T2	T1
Social Media Analytics				
63091	2022/2023	SS	T6	T6
63091	2023/2024	SS	T6	T6
Software Product Lines				
21113	2022/2023	AS	T2	T1
11113	2023/2024	AS	T2	T1
Statistical Learning Methods with R				
32079/62079	2022/2023	SS	T3, T6	T3, T6
User Centered Design				
03018	2022/2023	AS	T0	T0
03018	2023/2024	AS	T0	T0
Verification of Cyber-physical Systems				
13081/43081	2022/2023	SS	T1, T4	T1, T4
13081/43081	2023/2024	SS	T1, T4	T1, T4