

Master Courses Digital Health

Summer Semester 2022

(Lecture Period 04/19/22 – 07/29/2022)

Stand Mai 17, 2022

For the exact details of the implementation, please refer to the course details on the website

Trends and Concepts of Business Application Architecture
 Appointments during lecture period + Block-end of semester
 Plattner
 Perscheid

	Mo	Tu	We	Th	(Th)/Fr/(Sa)
9:00	Business Process Intelligence Weske HS 1	Image & Video Processing - Concepts and Techniques Trapp A1.2 hybrid			Block Course Management Essentials Kearney 29.04./30.04.2022 + 06.05./07.05.2022 10:00-16:00Uhr HE.51/52 Global Design Thinking Workshop: Global Design Thinking Challenge (D-School) Nicolai 05.09.2022 Virtual Kick-Off 12.09./19.09./26.09.2022 Virtual Sessions 14.10.2022 Virtual Get-together Wayfinder: Self- and Leadership Development (D-School) Schwemmler/Nicolai 06.05.2022 – Virtual Kick-Off 20.05./17.06./24.06./15.07.2022 Virtual Sessions 14.10.2022 Virtual Get-together Leadership Skills Heidemann/Unger 29.08. – 03.09.2022 11.10.2022 FE.06 Management & Leadership: "Moments of truth" Leidenfrost 22.07.2022 05./06./07.09.2022 FE.06 Dealing with uncertainty Burger 29.08./30.08./03.09./24.09.2022 G1.E15/16 Interpersonal conflicts, conflict and negotiation management Schulze 13./14./15.05.2022 HE.51/52 Quantum-Safe Cryptography Lehmann/Seiler 22.04./29.04./06.05.2022 08.07. + 15.07.2022 H2.57/58 Ethical Issues in Digital Health Omerbasic-Schiliro 20./21.05. + 01./02.07.2022 + 14.07.2022 Exam HE.51/52 The Fundamentals of Human-Centred Digital Health Applications De Paula 12.09. – 30.09.2022 Please note the course description on the website! G1.E15/16 How to be a (Startup)-CTO Pawlitschek 29.08. – 31.08.2022 L-1.06 Daten- und KI-Ethik Ranisch 01./02.07. + 08./09.07.2022 Kick-Off: 01.06.2022, 17:00 – 18:30 Uhr A1.2
10:00			Network Security Dörr HS 3	Academic Writing for Science Nemeth HE.51/52	
11:00	Sonic Thinking – Computer Music Basics von Thienen von Coler HE.51/52	Computational Statistics Renard L-E.03	Computational Statistics Renard L-E.03	Algorithms for Analysis and Visualization of High-Dimensional Data Döllner A1.2	
12:00	Statistics in Connected Healthcare Arnrich G2.U.10-14	Algorithms for Analysis and Visualization of High-Dimensional Data Döllner Hagedorn Richter HS 2	Advanced Cryptography (Practice) Lehmann L-1.06	Information Integration Naumann L-E.03	
13:00	Cryptography and Society Lehmann G3.E15/16	Advanced Track Design Thinking (D-School) see details coursewebsite	Future Internet Karl HS 2	Managing and Researching Healthcare Systems Busse Quentin G1.E15/16	
14:00	Mishaps in Statistics and ML Renard Baum A2.1	Applied Machine Learning for Digital Health Schrapanow G1.E15/16	Product Builder Pawlitschek Hahn L-1.02	Managing and Researching Healthcare Systems Busse Quentin G1.E15/16	
15:00	Personalized Medicine Böttinger virtuell	Information Integration Naumann L-E.03	21st Century Health Care Business: Regulatory, Legal, and Public Policy Aspects Stern G1.E15/16	Usable Security and Privacy Meinel Kayem H2.57/58	
16:00	Sonic Thinking - Artistic Research into Sound von Thienen Jimenez H.E.51/52	Understanding Your Genome – Regular during lecture period + Block course 08/01-05/22 Heyne G1.E15/16	Behavioral Authentication and Physical Access Management Hainel Klime Marschke Kick-off: 20.04.2022 HS.51/52 weitere Termine nach Absprache	Natural Language Processing de Melo HS 2	
17:00	Dynamic Programming and Reinforcement Learning Schlosser L-1.06	Multi-Agent Reinforcement Learning on Self-Adaptive Systems Giese Adriano A1.1	Image & Video Processing - Concepts and Techniques Trapp A1.1 hybrid	Dynamic Programming and Reinforcement Learning Schlosser L-1.06	
18:00	Natural Language Processing de Melo HS 2	Networking and Machine Learning Karl Kick-off-date 19.04.2022, Appointments by arrangement H2.57/58	Trends and Concepts of Business Application Architecture Appointments during lecture period + Block-end of semester Plattner Perscheid L-E.03	Applied Machine Learning for Digital Health Schrapanow G1.E15/16	
19:00	Practical Applications of Deep Learning Yang A2.1		Usable Security and Privacy Meinel Kayem H2.57/58	Practice Deep Learning Lippert L-E.03	

Please refer to the HPI website (curriculum descriptions, relocation plan) for any deviations in dates and locations on individual days of the course.

Mandatory 2. Semester

Options provided by DHC Staff or for DH Students

Specialization/ Prof. Skills offered by HPI