

Master Courses Digital Health Summer Semester 2023

(Lecture Period 04/17 –07/28/2023)

Stand: 04/14/2023

Details to lectures on course websites

Basic Track Design Thinking (D-School) Dr. Claudia Nicolai
Advanced Track Design Thinking (D-School) Dr. Claudia Nicolai
[More information on course website](#)

	Mo	Tu	We	Thu	(Thu)/Fr/(Sa)
9:00	Business Process Intelligence Weske HS 2	Visual Data Exploration and Story Telling – the good, the bad, and the ugly Renard Schäffner Witzke K-1.03	Computational Statistics Renard Schäffner Witzke L-E.03	Managing and Researching Healthcare Systems Bosse Quentin G3.E15/16	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Block Courses</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Führungskompetenz Heidemann/Lünger 14.08. – 19.08.2023 L-1.06</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Management Essentials (deutsch) Kearney Gruppe 1: 28./29.04 + 12.05./13.05.2023 H2.57/58</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Management Essentials (englisch) Kearney Gruppe 2: 26.05./27.05 + 09.06./10.06.2023 H2.57/58</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Dealing with uncertainty Burger 15.07./16.07. + 09.09. + 23.09.2023 H2.57/58</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">How to be a (Startup)-CTO Pawlitschek 28.08. – 31.08.2023 L-E.03</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center; color: red;">Global Design Thinking Workshop (D-School) Termine: 28.08./04.09./11.09./18.09./19.09./25.09.2023 See also website Does not take place!</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Wayfinder: Self- and Leadership Development (D-School) Dates: from 05.05./19.05./09.06./23.06. 05.05. (only shipping task) Meetings on 12.05./02.06./16.06./07.07. For more information see LV website, note registration process Schwermille, Nicolai</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Communicating technology successfully - developing communication strategies Lux 02.06./03.06./04.06.2023 HE.51/52</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">The Fundamentals of Human-Centred Digital Health Applications de Paula 04.09.2023 9am – 12h 11.09. – 22.09.2023 8am – 5pm L-1.06</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">Was brauche ich, was brauchst du? - Konflikte verstehen und bearbeiten Obermann 15.09./29.09./30.09.2023 K-1.02</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Managing stakeholders – The psychology and neuroscience of successfully influencing others Frank 12./13./14.09. + 29.09.2023 K-1.03</p> </div> </div>
10:00	Responsible Security and Privacy Kayem HE.51/52	Visual Media Analysis and Processing Techniques Trapp Reinmann Wattassent A1.2	Concept & Techniques for Analysis and Visualization of Spatial Data Döllner Richter Heidebrandt Schulz A2.1	Advanced Medical Machine Learning Seminar Lippert Slots are individually coordinated G1.E15/16	
11:00	Design Thinking for Digital Engineering von Thienen HE.51/52	Machine Learning for Image Analysis Kaimüller L-1.06	Algorithmic Game Theory Friedrich Lenzner K-1.03	Advanced Cryptography Lehmann Dayaniki HS 2	
12:00	Computational Statistics Renard Schäffner Witzke L-E.03 L-1.06	Hardware Conscious Data Processing Rabl L-E.03	Future Interactive Technology Baudsch Abdulah Rambold H2.57/58	Managing and Researching Healthcare Systems Bosse Quentin G3.E15/16	
13:00	D-School Advanced Track See also website 09:30 – 14:30 Uhr	D-School Basic Track See also website 09:30 – 14:30 Uhr	D-School Advanced Track See also website 09:30 – 14:30 Uhr	D-School Basic Track See also website 09:30 – 14:30 Uhr	
14:00	Statistics in Connected Healthcare Arrrich G2.U.10/14	Parameterized and Approximation Algorithms Friedrich Isaac Simonov K-1.03	Applied Machine Learning for Digital Health Schafranow G1.E15/16	Applied Machine Learning for Digital Health Schafranow G1.E15/16	
15:00	Sonic Thinking – Methods of working with sounds von Thienen H.E.51/52	Dynamic Programming and Reinforcement Learning Schlosser Kasbut DE.9/10	Applied data science on real-world hospital data Nasri Renard L-E.03	Applicable Machine Learning Schlosser Kasbut DE.9/10	
16:00	Natural Language Processing de Melo L-E.03	Probabilty and Computing Friedrich Bagley Göbel HS 3	Application Security Kayem HE.51/52	21st Century Health Care Business: Regulatory, Legal, and Public Policy Aspects Stern G1.E15/16	
17:00	PACE challenge on Twinwind Friedrich Isaac Simonov Niklasovits K-2.03	Advanced Medical Machine Learning Seminar Lippert Slots werden individuell abgestimmt Kick-Off 18.04. 16:00 Uhr Meetingraum G-2.1.30 HS 2	Dynamic Programming and Reinforcement Learning Schlosser Kasbut DE.9/10	Dynamic Programming and Reinforcement Learning Schlosser Kasbut DE.9/10	
18:00					
19:00					

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	Specializations/PSK Courses
Courses from DH Staff	