

# Master Courses Digital Health Summer Semester 2022

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

Stand April 26, 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	Parameterized Algorithms Casel FE.06	Application Security Kayem H2.57/58	Business Process Intelligence Weske HS 1
10:00	Sonic Thinking – Computer Music Basics von Thienen von Coler HE.51/52	Computational Statistics Renard L-E.03	Algorithms for Analysis and Visualization of High-Dimensional Data Döllner Hagedorn Richter HS 2	Network Security Dörr HS 3	Approximation Algorithms Friedrich Doskoc Isaac Kumar A2.2
11:00	Statistics in Connected Healthcare Arnrich G2.U.10-14	Cryptography and Society Lehmann G3.E15/16	State-of-the-Art Visual Media Analysis and Processing Trapp virtuell	Mishaps in Statistics and ML Renard Baum A2.1	Advanced Cryptography (Practice) Lehmann L-1.06
12:00	Personalized Medicine Bottinger virtuell	Sonic Thinking - Artistic Research into Sound von Thienen Jimenez H E.51/52	Dynamic Programming and Reinforcement Learning Schlosser L-1.06	Natural Language Processing de Melo HS 2	Practical Applications of Deep Learning Yang A2.1
13:00	Personalized Medicine Bottinger virtuell	Research Methods Naumann FE.06	Networking and Machine Learning Karl H2.57/58 <small>Kick-off-date 19.04.2022, Appointments by arrangement</small>	Multi-Agent Reinforcement Learning on Self-Adaptive Systems Giese Adriano A1.1	Deep Learning Lippert HS 1
14:00	Advanced Track Design Thinking (D-School) see details coursewebsite	Advanced Track Design Thinking (D-School) see details coursewebsite	Advanced Track Design Thinking (D-School) see details coursewebsite	Advanced Track Design Thinking (D-School) see details coursewebsite	Advanced Track Design Thinking (D-School) see details coursewebsite
15:00	Statistics in Connected Healthcare Arnrich G2.U.10-14	Future Internet Karl HS 2	Applied Machine Learning for Digital Health Schapranow G1.E15/16	Application Security Kayem H2.57/58	Paramete-rized Algorithms Casel FE.06
16:00	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02
17:00	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02
18:00	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02
19:00	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02	Behavioral Authentication and Physical Access Management Meinel Klisme Marschke <small>Kick-off: 20.04.2022 HE.51/52 weitere Termine nach Absprache</small>	Product Builder Pawlitschek Hahn L-1.02

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

Specialisation/ Prof. Skills offered by HPI

**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.E.15/16

**Interpersonal conflicts, conflict and negotiation management**  
Schulze  
**Kick-Off: 26.04.2022: 17:00 – 18:30 Uhr HE.51/52**  
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-Schilliro  
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.E.15/16

**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: 06.05.2022, 16:00 – 18:00 Uhr A1.1**