

Ensuring Real-World Impact:  
key considerations for  
implementing digital health  
solutions

Näher

24.02.-28.02.2025

Computational  
Methods: Getting  
Data from the  
Internet  
(APIs and web  
scraping)

Bolsover

# Master LVs Gesamt

## Wintersemester 2024/25

(Vorlesungszeitraum: 14.10.2024 – 07.02.2025)

Stand: 19.09.2024

Design Thinking  
Studio "Design  
Thinking and  
Sustainability"

(Früher: Advanced Track in Design Thinking)

Grundnigg, Nicolai

montags + donnerstags  
weitere Informationen  
siehe Website

Design Thinking  
Studio "Design  
Thinking and  
Open Innovation  
in Education"

(Früher: Advanced Track in Design Thinking)

Osman, Nicolai

montags + donnerstags  
weitere Informationen  
siehe Website

Foundations  
for Design  
Thinking

(Früher: Basic Track in Design Thinking)

Lata, Nicolai

dienstags + freitags  
weitere Informationen  
siehe Webseite

Global Design Thinking-  
Workshop

Sherif Osman, María-José Juárez,  
Dr. Claudia Nicolai

27.02.2025  
06.03.2025 to 12.03.2025

	Mo				Di				Mi					Do				(Do)/Fr(/Sa)					
9:00																		Blockveranstaltungen					
10:00	<div>Algorithmic folding Baudisch Muhammad Rambold H2.57/58</div>	<div>Cyber Security Management Dörr HS 3</div>	<div>Explaining and Visualizing AI Döllner Cech Burmeister G3.E15/16</div>	<div>Digital Health Systems Garcilazo K-1.02</div>	<div>Large Language Models and Computer Vision Research Seminar de Melo Zhang H-2.57/58</div>	<div>Fundamentals of Programming Arnrich G2.U10/14</div>	<div>Biostatistics &amp; Epidemiological Data Analysis using R Konigorski HS 2</div>		<div>Mobil-kommunikation Karl K-1.03</div>	<div>Modeling of Embedded Systems using Graphtransformation Giese Maximova Schneider Ghani A-1.1</div>	<div>HCI Project Seminar on Virtual Reality and Personal Fabrication Baudisch H2.39-41</div>	<div>Creating Interactive 3D Web Apps with TypeScript H2.39-41</div>	<div>Health and Disease Core Competencies Wieler Heyne Antao L-1.06</div>	<div>Academic Writing for Science Nemeth K-1.02</div>	<div>Applied Probabilistic Machine Learning Renard Richard Hönes K-1.03</div>	<div>Build Your Own Programming Language Hirschfeld Lincke Felgetreff Niephaus HS 2</div>	<div>Healthcare Fundamentals and Digital Health Trends Wieler Zu Putlitz Antao L-1.06</div>	<div>Process Mining Leopold Im ersten Teil des Semesters A1.1</div>	<div>Law and Compliance in the IT Industry Kraul 14-tägig Dates still to be arranged</div>	<div>Management Essentials Kearney 02.11., 16.11, 24.-25.01.2025 10.00 – 16.00 Uhr</div>			
11:00	<div>Algorithmic folding Baudisch Muhammad Rambold H2.57/58</div>	<div>Understanding Graphs, Algorithms, Randomness Friedrich Göbel Verma K-2.03</div>	<div>Mobil-kommunikation Karl K-1.03</div>	<div>Digital Health Systems Garcilazo K-1.02</div>	<div>Big Data Systeme Boissier Rabl Straßenburg Salzar L-E.03</div>	<div>Trends in Betriebssystemen (Forschungsseminar) Polze A1.2</div>	<div>Cyberkriminalität: Täterstrukturen, Methoden und Gegenmaßnahmen Dörr K1.02</div>	<div>Deep Learning for Molecular Biology Renard Heyne Rissom FE.06</div>	<div>Biostatistics &amp; Epidemiological Data Analysis using R Konigorski HS 2</div>	<div>Big Data Systeme Boissier Rabl Straßenburg Salazar L-E.03</div>	<div>Cyber Security Management Dörr HS 3</div>	<div>Health and Disease Core Competencies Wieler Heyne Antao L-1.06</div>	<div>Kryptographie Lehmann HS 2</div>	<div>Advanced Topics in Software Engineering: Automation and AI Giese Adriano Barkowsky Gharemani A-1.2</div>	<div>Advanced Topics in Algorithms and Complexity Friedrich Göbel Verma K-2.04</div>	<div>Spatial Data: Processing and Visualization Techniques Richter Schulz Hildebrand Wegen Burmeister G3.E15/16</div>	<div>Healthcare Fundamentals and Digital Health Trends Wieler Zu Putlitz Antao L-1.06</div>	<div>Process Mining Leopold Im ersten Teil des Semesters A1.1</div>	<div>Multi-Armed Bandits and their Applications Zapella L-1.06</div>	<div>Ethical questions in the context of data engineering and machine learning Hagendorff</div>			
12:00																				<div>Digital Health Systems and Data Interoperability Heltmann/Prasser/Thun</div>			
13:00																				<div>Unternehmenssimulation strategisches Management Braun/Dabitz 10.03.,13.03, 14.03.2025</div>			
14:00	<div>Spatial Data: Processing and Visualization Techniques Richter Schulz Hildebrand Wegen Burmeister G3.E15/16</div>	<div>Cyberkriminalität: Täterstrukturen, Methoden und Gegenmaßnahmen Dörr K-1.02</div>	<div>Fundamentals of Programming Arnrich H-E.51/52</div>	<div>Large-Scale Systems Architecture Karl HS 2</div>	<div>Network Security in Practice Cheng Najafi L-1.06</div>	<div>Graph Algorithms Friedrich Skretas L-1.02</div>	<div>ÜBUNG Kryptographie Lehmann H2.57/58</div>	<div>Introduction to IT Systems for Digital Health Experts Schapranow G1.E15/16</div>	<div>Data Processing on Modern Hardware Rabl Weisgut F-1.11</div>	<div>Founder Fundamentals Pawlitschek Hahn L-1.06 14-tägig</div>	<div>Advanced Topics in Software Engineering: Automation and AI Giese Adriano Barkowsky Gharemani A-1.2</div>	<div>Mobile Security Classen K-2.03</div>	<div>Mobile Security Classen K-2.03</div>	<div>Algorithms for Collective Decision Making Böhmer L-1.02</div>	<div>Advanced Topics in Algorithms and Complexity Friedrich Göbel Verma K-2.04</div>	<div>Product Builder Pawlitschek Hahn L-1.06</div>	<div>Machine Learning Systems Rabl Straßenburg Salazar Tolovski F-1.11</div>	<div>Introduction to IT Systems for Digital Health Experts Schapranow G1.E15/16</div>	<div>Large-Scale Systems Architecture Karl HS 3</div>	<div>Explaining and Visualizing AI Döllner Cech Burmeister G3.E15/16</div>	<div>Modeling of Embedded Systems using Graphtransformation Giese Maximova Schneider Ghani A-1.1</div>	<div>Advanced Comp. Programming 2 Friedrich Simonov Gawendowicz HS 3</div>	<div>Leading Yourself and Others in a Virtual World Draht 10.-13.02.2025</div>
15:00																				<div>Power and Power Misuse in Organizations Draht 24.-27.03.2025</div>			
16:00	<div>Reinforcement Learning &amp; Algorithm Discovery Schlosser Kastius H-E.51/52</div>	<div>Computing on Encrypted Data Lehmann Mouchet H2.57/58</div>	<div>Lecture Series on Research Methods Rabl uA L-E.03</div>	<div>Einführung in die Transkriptomik Kretzmer HS 2</div>	<div>Software Engineering with Machine Learning: Tools and Methods Giese Adriano Barkowsky HS 3</div>	<div>Reinforcement Learning &amp; Algorithm Discovery Schlosser Kastius H-E.51/52</div>	<div>ÜBUNG Kryptographie Lehmann H2.57/58</div>	<div>Founder Fundamentals Pawlitschek Hahn L-1.06 14-tägig</div>	<div>Health Care Economics Stern Dennett K-2.03</div>	<div>Algorithms for Collective Decision Making Böhmer L-1.02</div>	<div>Übung Kryptographie Lehmann HS 3</div>	<div>Advanced Data Profiling Naumann Schmidl Kaminski F-2.11</div>	<div>Graph Algorithms Friedrich Skretas L-1.02</div>	<div>Modern and Secure Internet: Design and Operations Bajpai Ververis D-E.9/10</div>	<div>Product Builder Pawlitschek Hahn L-1.06</div>	<div>Digital Entomology: Tracking and Tackling Cyber Bugs Seminar Classen K-2.03</div>	<div>PSK-Kolloquium HS 1</div>	<div>Global Team-Based Innovation I Ueberrnickel de Paula Chauderay Enkmann Wuttke Beermann E-U1.1/E-U1.2</div>	<div>Advanced Comp. Programming 2 Friedrich Simonov Gawendowicz HS 3</div>	<div>Managing stakeholders – The psychology and neuroscience of successfully influencing others Frank 27.02., 28.02., 01.03., 20.03.2025</div>			
17:00																				<div>Technologie erfolgreich kommunizieren - Kommunikationsstrategien entwickeln Lux 17.-19.03.2025</div>			
18:00	<div>Advanced Machine Learning Seminar Lippert L-1.06</div>	<div>Modern and Secure Internet: Design and Operations Bajpai Ververis D-E.9/10</div>	<div>DQ4AI: Data Quality Assessment Naumann Ehrlinger Mohammed F-2.11</div>		<div>Software Engineering with Machine Learning: Tools and Methods Giese Adriano Barkowsky HS 3</div>	<div>IT-Recht Brandt-Dohrn Menz HS 2</div>	<div>Table Representation Learning Naumann Laskowski Pugnaloni F-2.11</div>													<div>LV im Themenbereich Technologie-Kommunikation und -Transfer Lux 27.-29.03.2025</div>			
19:00																				<div>Digital Health Spark - Igniting Need-Driven Innovation Stern / Pawlitschek / Schmidt / Hahn 03.03.-14.03.2025</div>			
																				<div>Ethics, AI and Evidence Rebitschek 01.+02.11.+13.+14.12.2024</div>			

- Zu terminlichen und räumlichen Abweichungen an einzelnen Veranstaltungstagen beachten Sie bitte die HPI-Website (Lehrinhaltsbeschreibungen, Verlegungsplan) -