

# Master Courses Digital Health

Winter Semester 2018/19  
(Lecture Period 10/15/2018 – 02/08/2019)  
Version October 5, 2018

	Mo	Tu	We	Th	(Th)/Fr/(Sa)								
9:00	Healthcare Fundamentals and Digital Health Trends Boettinger /zu Putlitz HS 3	Advanced Probability Theory Friedrich, Göbel A-1.2	Network Security in Practice Cheng H-2.57	Distributed Datamanagement Naumann F E.06	Social Media Mining Meinel/ BinTareaf A-1.1	Trends in Bioinformatics Uflacker Perscheid Kraus D-E 9/10	Health and Disease Core Competencies Böttinger, Drimalla, Sachs H E.51	Ethical Issues in Digital Health Omerbasic G E 15/16	Deep Learning for Text Mining Krestel F E 06	<b>Block Event</b>  <b>Management Essentials</b> Kearney 26./27. Okt 2018; 09./10. Nov. 10:00-16:00Uhr A 1.2			
10:00	Healthcare Fundamentals and Digital Health Trends Boettinger /zu Putlitz HS 3	<b>D-School Advanced Track</b>		Data Management for Digital Health Böttinger/ Schapranow G 3 E 15/16	Algorithmix Friedrich/ Lenzner HS 3	Approximation-algorithms Friedrich, Casel A 1.2	HCI Seminar Project: Virtual reality, Personal Fabrication, and Haptics Baudisch H-2.57	Embedded Operation Systems in IoT Polze A 2.2	Health and Disease Core Competencies Böttinger, Drimalla, Sachs H E.51		Data Management for Digital Health Böttinger Schapranow G 3 E 15/16	Securing Cloud Storages Meinel/ Sukmana, Torkura, Graupner H 2.57	Algorithmix Friedrich/ Lenzner HS 2
11:00	Healthcare Fundamentals and Digital Health Trends Boettinger /zu Putlitz HS 3												
12:00													<b>Health Information Systems I: Requirements and Designs</b> Haas Friday 10/19/18 from 9:15am -16:45pm Saturday 10/20/18 from 9:15am -15:00pm Friday 11/ 23/18 from 9:15 am -16:45pm Saturday 11/ 24/18 from 9:15am -15:00pm HS 2
13:00													
14:00	Computational Geometry Friedrich, Bläsius A 1.2	Business Process Analysis in Healthcare Weske/ Pufahl/Sachs H E.51	Distributed Datamanagement Naumann F E.06	Approximation-algorithms Friedrich, Casel A 2.1	Designing Communication begins Oct 26, 2018 Edelman H E.51	Safety-Critical Systems: From Predictable Systems to Autonomous AI Giese A 2.2	Data Preparation for Science Naumann, Jiang F E 06	Trends in Bioinformatics Uflacker Perscheid Kraus D-E 9/10	Safety-Critical Systems: From Predictable Systems to Autonomous AI Giese A 2.2	Computational Geometry Friedrich, Bläsius A 1.2	Introduction to IT Systems Meinel, Kayem, Naumann HS 2	Embedded Operation Systems in IoT Polze Labor/ A1.1	
15:00	Modern Algorithm Theory Friedrich/Bläsius, Casel, Goebel, Kötzing, Lenzner H-2.57	Machine Intelligence with Deep Learning Yang H E.51	Introduction to IT Systems Meinel, Kayem, Naumann HS 3	Fundamentals of Programming Giese/Brand G 3 E 15/16		Advanced Probability Theory Friedrich, Göbel A-1.2							
16:00													
17:00													
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. -