

Georg-August-Universität Göttingen Module M.WIWI-WIN.0038: Digital Health	6 C 4 WLH
Learning outcome, core skills: Students will... <ul style="list-style-type: none"> • know and understand current developments (e.g. digitalization, urbanization, demographic change) and their impact on the structure and care of healthcare systems (e.g. telemedicine), • can critically examine digital infrastructures and the importance of interdisciplinary approaches (e.g. electronic patient records), • have an understanding of the application of technologies (e.g., eHealth, mHealth, wearables) in healthcare and are aware of current national and international developments, • are able to assess the opportunities and challenges of new technology such as artificial intelligence and human-computer interaction in healthcare, • can critically examine the legal and ethical challenges in digital healthcare, • can evaluate the acquired knowledge in connection with sustainable business models in the healthcare sector. 	Workload: Attendance time: 56 h Self-study time: 124 h
Course: M.WIWI-WIN.0038.Lec Digital Health (Lecture) <i>Contents:</i> Highly recommended for students who want an overview of current digital trends in healthcare. <i>Contents:</i> <ul style="list-style-type: none"> • Infrastructure • Personal and Global Digital Health • Artificial Intelligence & Human-Computer Interaction • Ethics and Privacy • Sustainable Business Models 	2 WLH
Course: M.WIWI-WIN.0038.Ex Digital Health (Exercise) <i>Contents:</i> Within the accompanying exercise, the students deepen and extend the knowledge and skills acquired in the lecture by means of application tasks and examples.	2 WLH
Examination: Written examination (90 minutes) M.WIWI-WIN.0038.Mp: Digital Health	6 C
Examination requirements: <ul style="list-style-type: none"> • Demonstrate an overarching understanding of digital health's technological, business, legal, and ethical issues, • demonstrate an understanding of key technologies, applications, and models of care in healthcare and the ability to critically evaluate them, • the contents of the guest lectures are part of the examination contents. 	
Admission requirements:	Recommended previous knowledge:

none	none
Language: English	Person responsible for module: Dr. Maike Greve
Course frequency: each winter semester	Duration: 1 semester[s]
Number of repeat examinations permitted: twice	Recommended semester: 1 - 2