

IDEM208

Design in Health: Theory & Practice

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Developing healthcare products or services for providing care can be extra challenging, for example due to the complexity of healthcare systems, the diversity of stakeholders involved, or the regulatory requirements to be met. Within this elective, we present you various perspectives on design for health and what your role as a Medesign design engineer can be. You will learn to navigate the different domains in healthcare, to interpret relevant regulations for ensuring quality and safety of products and services for healthcare, and to integrate research methods, tools and ethical practices from the medical domain into design research.

The course includes weekly lectures and workshops by TUD experts and various external professionals. In the workshops you will work in a small group on assignments, applying the theories and methods provided. These together compile into a report proposing a redesign of (part of) a healthcare product/service. Understanding and application of course content will further be assessed in an exam at the end of the course.

Assessment: Group report & Individual exam

Sonja Paus-Buzink

“Learn to navigate healthcare systems and expand your skillset to become a confident Medesigner.”



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