MASTER OF SCIENCE IN ENGINEERING

Zürcher Hochschule für Angewandte Wissenschaften
School of Engineering

Supplementary Course (EVA) at ZHAW School of Engineering

Title: Mobile UX Design
Short Code: rEVA_MUX

ECTS Credits	3
Profile	Computer Science (CS)
Responsible Institute /Centre	Institute of Applied Information Technology (InIT)
Responsible lecturer and contact informtion	Prof. Dr. H.-P. Hutter, hans-peter.hutter@zhaw.ch
Type and duration of examinations	Oral presentations
Start date and duration	Semester: Autumn/Spring Detail: 14 x 3L Design Workshop, Start of Semester or by agreement
Location	Winterthur
Course type	Weekly, semester rhythm • Contact hours: 30 (hrs) • Guided self-study: 0 (hrs) • Independent self-study: 60 (hrs)
Language of instruction	English/German
Short description (max. 300 characters)	Good usability and user experience are even more important for mobile apps/services than for desktop applications. In this course, you will learn how to systematically develop user-centric mobile applications and services with high user value and convincing user experience.
Contents and Learning Objectives	Learning objectives: - You will be able to systematically develop an innovative mobile service according to a user-centric process. - You know different methods and artifacts of user and context research - You know different types of service innovation - You will be able to develop innovative service concepts - You are able to develop engaging prototypes for mobile services - You know different usability evaluation methods for mobile apps/services Module Content:

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	- Customer-centered design process - User and context research - Service innovation - Design & prototyping of mobile apps/services - Mobile usability testing			
Prerequisites	Preknowledge in usability according to module TSM-UseInf			
Literature	-			
Special requirements	-			
Offer for profiles	Aviation (Avi)	☐	Business Engineering (BE)	☐
	Computer Science (CS)	☒	Data Science (DS)	☒
	Electrical Engineering (ElE)	☐	Energy & Environment (EnEn)	☐
	Mechanical Engineering (ME)	☐	Mechatronics & Automation (MA)	☐
	Medical Engineering (Med)	☐	Photonics and Laser Engineering (Pho)	☐
	Information and Cyber Security (ICS)	☒	Civil Engineering (CE)	☐