

Georg-August-Universität Göttingen Module M.WIWI-WIN.0023: Selected Problems in Business Information Systems: Social and Ethical Implications of Digitalization	6 C 2 WLH
Learning outcome, core skills: This course aims to explore digitalization of society from the standpoint of a socially responsible digital leadership. It develops a set of concepts, frameworks, and tools to help students understand how to make decisions related to digitalization that establish a meaningful balance between the enabling and constraining roles of ICT.	Workload: Attendance time: 28 h Self-study time: 152 h
Course: Social and Ethical Implications of Digitalization (Lecture) <i>Contents:</i> This course is organized based on two complementary frameworks. First, a framework for Ethics. Second, a framework for Digitalization 1) Ethics framework. The following areas of “digital ethics” will be explored in the course: <ul style="list-style-type: none"> • Security (identification mechanisms, encryption, backups, hacking, etc.) • Cybercrime (robbery, identity theft, extortion, etc.) • Privacy (big data, etc.) • Social interaction (social technology, online communication, etc.) • Governance (rules, regulations, net neutrality, etc.) • Free will (how to use technology, algorithmic regulation, ethics of algorithms, etc.) • Society and economy (the digital revolution, smart machines eliminating jobs, autonomous technologies, etc.) 2) Digitalization framework. The following areas of digitalization from a societal perspective will be explored in the course: <ul style="list-style-type: none"> • Connections (Mobile Technology, Cloud Computing, the Internet of Everything, etc.) • Information (Big Data, Transparency, the Generation and Sharing of Information, etc.) • Interactions (Social Technology, Online Communities, Digital Platforms, Crowdsourcing, etc.) • Intelligence (Analytics, Artificial Intelligence, Algorithms, Man-Machine Symbiosis, etc.) The course employs a combination of case discussions and lectures.	2 WLH
Examination: Written examination (90 minutes) M.WIWI-QMW.0022.Mp: Selected Problems in Business Information Systems	

Examination requirements: In order to accomplish successfully this course, students are expected to document an understanding of: <ul style="list-style-type: none"> • Individual and societal impacts of digitalization including potential ethical risks (including, for example, privacy concerns, security issues, cybercrime, consequences of breakdowns of fully automated systems, income inequality, and worsening other existing social problems) • Socially responsible digital leadership (including the enabling and constraining roles of ICT in the design, implementation, and use of the new generation of these technologies also referred to as digital technologies and platforms). 	
Admission requirements: none	Recommended previous knowledge: Basic knowledge of business administration and information management
Language: English	Person responsible for module: Prof. Dr. Robert Wayne Gregory
Course frequency: once	Duration: 1 semester[s]
Number of repeat examinations permitted: twice	Recommended semester: 1 - 4
Maximum number of students: 20	
Additional notes and regulations: Limitation of the "lecture" due to the case studies.	