Study and Examination Plan

latriculation Fall 2022	ce for Society and Business						
lodule Code	Program-Specific Modules	Туре	Assessment	Period	Status ¹	Semester	Ι
mester 1							
	CORE Area						
	Unit: Digital Societies						
DSSB-DSOC-01	Module: Digital Societies and Future Economies				m	1	Ę
	Digital Societies and Future Economies	Lecture	Written examination	Examination period			\perp
DSSB-DSOC-02	Module: Data Science Concepts				m	1	-
	Data Science Concepts Elective Area	Lecture/Tutorial	Written examination	Examination period		<u> </u>	_
	- students choose one module from those listed below						┯
	Methods Area						Ė
DSSB-MET-01	Module: Data Science Tools				m	1	
	Data Science Tools	Lecture/Tutorial	Project report	Examination period			I
	Discovery						
OSSB-APP-01	Module: Current Topics and Applications in Data Science				m	1	_
	Current Topics and Applications in Data Science CAREER	Lecture	Project report	Examination period		<u> </u>	_
CA006	Module: Communication and Presentation Skills				m	1	
CAUUU	Communication and Presentation Skills		Oral presentation	During semester			┰
А-ххх		Seminar	Oral presentation	During semester		1	
es nAA	Module: Language 1 German is the default language. Native German speakers take modules in an	other offered language			m	1	7
A-xxx	Language 1	Seminar	Various	Various	me		Ť
nester 2							Ė
	CORE Area						
	Unit: Digital Transformation in Business						
OSSB-DTRANS-01	Module: Digital Public Spheres				m	2	
	Digital Public Spheres	Seminar	Term paper	Examination period			
DSSB-DTRANS-02	Module: Digital Business Models & Functions				m	2	_
	Digital Business Models and Functions	Lecture	Term paper	Examination period			Т
	Elective Area						Ţ
	- Students choose a module from those listed below.						_
OSSB-MET-02	Methods Area Module: Text Analysis and Natural Language Processing				m	2	_
D33B-IVIE 1-U2							-
	Text Analysis and Natural Language Processing	Seminar/Lab	Project report	Examination period			
	Discovery						
DSSB-DSCI-01	Module: Data Science Lab				m	2	
	Data Science Lab	Lab	Project	Examination period			I
	CAREER						
DSSB-EIR-01	Module: IT-Law Data Ethics	Lecture	Term Paper	Examination period	me*	2	-
LA-xxx	Module: Language 2	tecture	тепптары	Examination period	m	2	+
.A-xxx	Language 2	Seminar	Various	Various	me	_	Т
nester 3	1 0 000						
	CORE Area						
	Unit: Data Science and Artificial Intelligence Concepts						
DSSB-DSAI-01	Module: Digital Transformation and Innovation				m	3	-
	Digital transformation of organizations Digital services and innovation	Seminar Seminar	Term paper	Examination period			+
DSSB-DSAI-02	Module: Artificial Intelligence in Business & Society	Seninal			m	3	_
5555 55AI 0E	Artificial Intelligence in Business and Society	Lecture/Lab	Project	During semester			т
							Ė
	Elective Area						I
	- students choose one module from those listed below						
	- students choose one module from those listed below Methods Area						
DSSB-MET-03	- students choose one module from those listed below				m	3	
DSSB-MET-03	- students choose one module from those listed below Methods Area	Lecture/Tutorial	Project report	During semester	m	3	T
	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling	Lecture/Tutorial	Project report	During semester			I
	students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project	,			m me*	3	I
	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project	Lecture/Tutorial Seminar	Project report Project	During semester During semester			I
	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project CAREER CAREER	,				3	
SSB-CAP-01	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project	,					
OSSB-CAP-01	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project CAREER CAREER	,			me*	3	
OSSB-CAP-01 OSSB-EIR-01	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project CAPEER Module: Ethics and the Information Revolution The Information Revolution	Seminar	Project	During semester	me*	3	
DSSB-CAP-01 DSSB-EIR-01 A-XXX	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project CAREER Module: Ethics and the Information Revolution	Seminar	Project	During semester	me*	3	
DSSB-MET-03 DSSB-CAP-01 DSSB-EIR-01 A-XXX A-XXX	- students choose one module from those listed below Methods Asea Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project CAREER Module: Ethics and the Information Revolution The Information Revolution Module: Language 3	Seminar Seminar	Project Term paper (report)	During semester Examination period	me*	3	
DSSB-CAP-01 DSSB-EIR-01 A-XXX	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project Capstone Project The Information Revolution The Information Revolution Module: Language 3 Language 3	Seminar Seminar	Project Term paper (report)	During semester Examination period	me*	3	
DSSB-CAP-01 DSSB-EIR-01 A-xxx A-xxx	- students choose one module from those listed below Methods Asea Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project CAREER Module: Ethics and the Information Revolution The Information Revolution Module: Language 3 Language 3 Module: Internship	Seminar Seminar	Project Term paper (report) Various	During semester Examination period Various	me*	3	
0558-CAP-01 0558-EIR-01 A-xxx A-xxx SSSB-INT-01 mester 4	- students choose one module from those listed below Methods Area Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project Capstone Project Capstone Project The Information Revolution The Information Revolution Module: Language 3 Module: Internship Internship Internship	Seminar Seminar	Project Term paper (report) Various	During semester Examination period Various	me*	3	
DSSB-CAP-01 DSSB-EIR-01 A-XXX A-XXX SSB-INT-01	- students choose one module from those listed below Methods As Rea Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project CAREER Module: Ethics and the Information Revolution The Information Revolution Module: Language 3 Language 3 Language 3 Module: Internship Internship Internship Master Thesis	Seminar Seminar	Project Term paper (report) Various	During semester Examination period Various	me* me* me*	3 3 3	
0558-CAP-01 0558-EIR-01 A-xxx A-xxx SSSB-INT-01 mester 4	- students choose one module from those listed below Methods Asea Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project CAREER Module: Ethics and the Information Revolution The Information Revolution Module: Language 3 Language 3 Module: Internship Internship Internship Master Thesis Module: Master Thesis DSSB	Seminar Seminar	Project Term paper (report) Various	During semester Examination period Various	me*	3	
SSB-CAP-01 SSB-EIR-01	- students choose one module from those listed below Methods As Rea Module: Visual Communication and Data Story Telling Visual Communication and Data Story Telling Discovery Module: Capstone Project Capstone Project Capstone Project CAREER Module: Ethics and the Information Revolution The Information Revolution Module: Language 3 Language 3 Language 3 Module: Internship Internship Internship Master Thesis	Seminar Seminar	Project Term paper (report) Various	During semester Examination period Various	me* me* me*	3 3 3	

lective Area							
tudents choose 15 CP of	manadatory electives						
	Society and Business Track						25
MDSSB-SOCB-01	Module: Cybercriminology				me	1 or 3	5
	Cybercriminology	Seminar	Term paper	Examination period			
MDSSB-SOCB-02	Module: Introduction to Computational Social Science				me	2	5
	Computational Social Science	Seminar	Term paper	Examination period			
MCO009	Module: Smart Cities and Transport Concepts				me	3 or 1	5
1009	Smart Cities and Transport Concepts	Lecture	Project report	Examination period			
MDSSB-ECON-01	Module: Sustainability Economics				me	3 or 1	5
	Sustainability Economics	Seminar	Presentation / term paper	Examination period / during semester			
MCO010	Module: Principles of Consulting				me	3 or 1	
51010	Principles of Consulting	Lecture/Seminar	Group project (report)	Examination period			
	Advanced Data Science Track						2
MCO011	Module: Data Analyitcs				me	1 or 3	
340131	Data Analyitcs	Lecture/Tutorials	Written examination	Examination period			
MESC001	Module: Data Mining	me	2				
340122	Data Mining	Lecture	Project report	Examination period			
MCO013	Module: Machine Learning		•	•	me	2	5
320372	Machine Learning	Lecture	Written examination	Examination period			
MMM014-	Module: Introduction to Data Management with Python					3	5
	Introduction to Data Management with Python	Lecture/Tutorials	Written examination/ Programming assignments	Examination period / during semester			
	Environment and Health Track						2
MEGI001	Module: Geo-Informatics				me	1	5
210103	Geo-Information Systems	Lecture	_	Examination period	m		2.
210103	Introduction to Eath and System Data	Lecture	Term paper		m		2.
MEGI002	Module: Geo Informatics Lab				me	2	
210001	Geo Informatics Lab	Lecture	Term paper	Term paper			
MEBI003	Module: Modeling and Analysis of Complex Systems			7-7-	me	1 or 3	- 5
550453	Modeling and Analysis of Complex Systems	Lecture	Written examination	Examination period			
MMM007	Module: Network Approaches in Biology and Medicine				me	3 or 1	
	Network Approaches in Biology and Medicine	Lecture	Presentations	During semester			