EXCHANGE COURSES UNIVERSITY WEST

School of Business, Economics and IT

AUTUMN SEMESTER 2024

Course Code	Course Name	Credits	Study Pace	Week -->	Study period 1									Study period 2									
					36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3
APR400	Advanced C# programming	7,5	50		2 Sep								10 Nov											
SUM200	System Development for Mobile Applications II	7,5	50		2 Sep								10 Nov											
UIT010	Evaluation of IT systems	7,5	50												11 Nov									19 Jan
IMR200	Immersive media	7,5	50												11 Nov									19 Jan
TSS100	Applied Statistics - collecting and summarizing data	7,5	100		2 Sep				6 Oct															
ENF101	Entrepreneurial Finance	7,5	100		2 Sep				6 Oct															
IAP200	Investment Analysis and Portfolio Management	7,5	100							7 Oct			10 Nov											
INE100	International Economics	7,5	100												11 Nov				15 Dec					
FOP100	Finance and Politics	7,5	100																		16 Dec			19 Jan
HBF100	Sustainable Finance	7,5	100												11 Nov				15 Dec					
GUU100	Glocal Challenges and Applied Approaches to Sustainable Development	15	100												11 Nov									19 Jan
IPI100	Introduction to Political Thought	15	100		2 Sep								10 Nov											
SHS100	Security Studies	7,5	100		2 Sep				6 Oct															
IRO100	International Law and Organizations	7,5	100							7 Oct			10 Nov											
AIS100	Work Integrated Societal Studies	15	100		2 Sep								10 Nov											
TPL100	Comparative Politics and Public Administration	15	100												11 Nov									19 Jan
JPO100	Comparative Politics and Public Administration	15	100												11 Nov									19 Jan
FIR100	Financial Reporting and Analysis	7,5	100		2 Sep				6 Oct															
CFV600	Corporate Finance and Equity Valuation	7,5	100							7 Oct			10 Nov											
RIN100	Fixed Income Fundamentals and Derivatives	7,5	100												11 Nov				15 Dec					
PAI600	Portfolio Management and Alternative Investment	7,5	100																		16 Dec			19 Jan
IFD900	International Management	7,5	50		2 Sep								10 Nov											
FIN500	Firm internationalization	7,5	50		2 Sep								10 Nov											
IMD900	International marketing	7,5	50												11 Nov									19 Jan
FEF700	Business research methods	7,5	50												11 Nov									19 Jan

MSc Lvl

Department of Social and Behavioural Studies

AUTUMN SEMESTER 2024

	Course Code	Course Name	Credits	Study Pace	Week -->	Study period 1									Study period 2									
						35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2
	POK101	Intercultural work psychology	15	100		2 Sep									10 Nov									
Online	ENL110	English (level 1-30): Literature and Culture	15	50		2 Sep									10 Nov									
Online	ENS110	English (level 1-30): Language Awareness and Language Proficiency	15	50		2 Sep									10 Nov									
Online	ENL210	English (level 31-60): Literary history and Intertextuality	15	50		2 Sep									10 Nov									
Online	ENS210	English (level 31-60): Language Structure and Language Variation	15	50		2 Sep									10 Nov									
Evening class	SKK102	Language, Culture and Communication in Sweden	7,5	50		2 Sep																		19 Jan

Courses grouped together = no clashing schedules

Department of Engineering Science

AUTUMN SEMESTER 2024

	Course Code	Course Name	Credits	Study Pace	Week -->	Study period 1									Study period 2									
						35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2
	IDI400	Industrial digitalization	7,5	50		2 Sep									10 Nov									
International Mechanical Engineering (2nd semester)	HFS100	Strength of materials	7,5	50		2 Sep									10 Nov									
	TVB100	Manufacturing I	2,5	20		2 Sep									10 Nov									
	ELG100	Electronics, fundamental	5	30		2 Sep									10 Nov									
	GPP110	Introduction to programming with Python	5	30												11Nov								19 Jan
	KVM200	Quality and environmental management	5	30												11Nov								19 Jan
	SDT200	Logic Control Engineering	2,5	20												11Nov								19 Jan
	SST200	Sensor Technology	2,5	20												11Nov								19 Jan
	MET100	Metallurgy	5	30		2 Sep									10 Nov									
International Mechanical Engineering (4th semester)	ISK100	Introduction to Electric Vehicle Systems and Components	5	30		2 Sep									10 Nov									
	ROA200	Robotics & Automation	5	30		2 Sep									10 Nov									
	FEM410	Finite element method: Mathematical formulation and applications	5	30												11Nov								19 Jan
	MAS200	Mathematical Statistics	5	30												11Nov								19 Jan
	LOA202	Logistic	5	30												11Nov								19 Jan
	ROA200	Robotics and Automation	5	30		2 Sep									10 Nov									
Mechanical Engineering	CAB400	Computer Aided Manufacturing, CAM	5	30		2 Sep									10 Nov									
	VPR400	Virtual production	5	30		2 Sep									10 Nov									
	FMS200	Freeform modeling and assemblies	7,5	50												11Nov								19 Jan
	DTA400	Advanced Topics in Computer Engineering	7,5	50		2 Sep									10 Nov									
Network and IT	VSL402	Virtual servers and storage systems	7,5	50		2 Sep									10 Nov									
	PDT401	Computer engineering in practice	7,5	50												11Nov								19 Jan
	SAD400	Server administration	7,5	50												11Nov								19 Jan
Computer Engineering	DTA400	Advanced Topics in Computer Engineering	7,5	50		2 Sep									10 Nov									
	SEP400	Software Engineering	15	50		2 Sep									10 Nov									
	NIK400	Network technology for IoT and industrial communicaiton	7,5	50												11Nov								19 Jan
	ISK100	Introduction to Electric Vehicle Systems and Components	5	30	(BSc level)	2 Sep									10 Nov									
Electromechanical Vehicle Engineering	GEE100	Basics of Electrical Engineering for electric vehicles	7,5	50	(BSc level)	2 Sep									10 Nov									
	RSE100	Guidelines for safety when working on and in electric vehicles	2,5	20	(BSc level)	2 Sep									10 Nov									
	EMK600	Electromagnetic compatibility	2,5	20												11 Nov								19 Jan
	EFE600	Electric Machines for electric vehicles	7,5	50												11 Nov								19 Jan
	KRE600	Power Electronics	5	30												11 Nov								19 Jan
	RMB600	Robot Modelling	6	40		2 Sep									10 Nov									
	MFA600	Mechatronics for Automation	3,5	25		2 Sep									10 Nov									
Robotics and Automation (1st year)	PFA600	Programming for Automation	4	25		2 Sep									10 Nov									
	RBK600	Robot Certificate	1,5	10		2 Sep									10 Nov									
	VTM605	Scientific methods in robotics and automation	3	20												11 Nov								19 Jan
	RBS720	Robotic Systems	6	40												11 Nov								19 Jan
	RSM700	Robotic Simulation	6	40												11 Nov								19 Jan
Robotics and Automation	DIF700	Digital Factories	6	40								21 Oct							8 Dec					
	POP700	Manufacturing optimisation	5	30		2 Sep									10 Nov									
	RMB600	Robot Modelling	6	40		2 Sep									10 Nov									
Advanced Robotics	IAI600	Introduction to Artificial Intelligence and Machine Learning	7,5	50		2 Sep									10 Nov									
	RBK600	Robot Certificate	1,5	10		2 Sep									10 Nov									
	VTM605	Scientific methods in robotics and automation	3	20												11 Nov								19 Jan
	RBS720	Robotic Systems	6	40												11 Nov								19 Jan
	RSM700	Robotic Simulation	6	40												11 Nov								19 Jan
	PFA600	Programming for Automation	4	50		2 Sep									10 Nov									
	MFA600	Mechatronics for automation	3,5	50		2 Sep									10 Nov									
AI and Automation (1st year)	IAI600	Introduction to Artificial Intelligence and Machine Learning	7,5	50		2 Sep									10 Nov									
	IAU600	Industrial Automation	3,5	25												11 Nov								19 Jan
	STB600	Sensor Technology and Image Analysis	7,5	50												11 Nov								19 Jan
	BAD700	Big Data Processing and Analysis	4	25												11 Nov								19 Jan
	MAS600	Multi-Agent Systems	7,5	50		2 Sep									10 Nov									
AI and Automation (2nd year)	HAU610	Sustainable Automation	7,5	50		2 Sep									10 Nov									
	MAI602	Human-AI Interaction	7,5	50												11 Nov								19 Jan
	RTF600	Feedback Control (advanced course)	7,5	50												11 Nov								19 Jan
	AMT601	Advanced Materials Science	6	40		2 Sep									10 Nov									
Manufacturing Engineering (1st year)	ADT610	Additive Manufacturing Processes	7,5	50		2 Sep									10 Nov									
	VSK600	Academic Writing	3	10		2 Sep									10 Nov									19 Jan
	SKB603	Machining	6	40												11 Nov								19 Jan
	YTI600	Surface Engineering	7,5	50												11 Nov								19 Jan
Manuf. engin. (2nd year)	SPF610	Statistical process control and Design of experiments	7,5	50		2 Sep									10 Nov									
	POM600	Process Simulation and Modeling	7,5	50												11 Nov								19 Jan
Welding Technology (1st year)	AMT601	Advanced Materials Science	6	40		2 Sep									10 Nov									
	KSP600	Conventional Welding Processes	7,5	50		2 Sep									10 Nov									
	VSK600	Academic Writing	3	10		2 Sep																		19 Jan
	FML700	Phase Transformations in Metals and Alloys	3,5	25												11 Nov								19 Jan
	ASP700	Advanced Welding Processes	4	25												11 Nov								19 Jan
	SJL600	Welding Metallurgy of Iron-based Alloys	6	40												11 Nov								19 Jan
Cybersecurity	SCS600	Cyber-physical Systems Security	7,5	50		2 Sep									10 Nov									
	PFC610	Principles of cybersecurity	7,5	50		2 Sep									10 Nov									
	SLP600	Privacy, law, policy, and compliance in cybersecurity	7,5	50												11 Nov								19 Jan
	SIM600	Cloud security	7,5	50												11 Nov								19 Jan
Operations and Supply Chain Management	LOV600	Operations and Supply Chain Management	15	100		2 Sep									10 Nov									
	SCM700	Supply Chain Management - Sourcing and Distribution	7,5	50												11 Nov								19 Jan
	VSI700	Operations Strategy and Execution	7,5	50												11 Nov								19 Jan
Software Engineering	KRH600	Requirements Engineering	7,5	50		2 Sep									10 Nov									
	IAI600	Introduction to Artificial Intelligence and Machine Learning	7,5	50		2 Sep									10 Nov									
	ALK600	Algorithms and Complexity	7,5	50												11 Nov								19 Jan
	ADP700	Software Analysis and Design	7,5	50												11 Nov								19 Jan

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