EXCHANGE COURSES UNIVERSITY WEST

School of Business, Economics and IT

AUTUMN SEMESTER 2025

Course Code	Course Name	Credits	Study Pace	Week -->	Study period 1 (36–45)	Study period 2 (46–3)
SHS100	Security Studies	7,5	100		1 Sep – 5 Oct	
AIS100	Work Integrated Societal Studies	15	100		1 Sep – 9 Nov	
APR400	Advanced C# programming	7,5	50		1 Sep – 9 Nov	
IPI100	Introduction to Political Thought	15	100		1 Sep – 9 Nov	
SUM200	System Development for Mobile Applications II	7,5	50		1 Sep – 9 Nov	
TSS100	Applied Statistics - collecting and summarizing data	7,5	50		1 Sep – 9 Nov	
IRO100	International Law and Organizations	7,5	100		6 Oct – 9 Nov	
INE200	International Economics	7,5	100			10 Nov – 14 Dec
GUU100	Glocal Challenges and Applied Approaches to Sustainable Development	15	100			10 Nov – 18 Jan
IMR200	Immersive media	7,5	50			10 Nov – 18 Jan
JPO100	Comparative Politics and Public Administration	15	100			10 Nov – 18 Jan
TPL100	Applied Project Management	15	100			10 Nov – 18 Jan
UIT010	Evaluation of IT systems	7,5	50			10 Nov – 18 Jan
FOP100	Finance and Politics	7,5	100			15 Dec – 18 Jan

Department of Social and Behavioural Studies

AUTUMN SEMESTER 2025

Course Code	Course Name	Credits	Study Pace	Week -->	Study period 1 (36–45)	Study period 2 (46–3)
ESS101	English for Teachers: Linguistic Competence and Ability	15	100		1 Sep – 9 Nov	
ELK102	English for Upper Secondary School Teachers: Literatures and Cultures	15	100			10 Nov – 18 Jan
POK101	Intercultural work psychology	15	100		1 Sep – 9 Nov	

Courses grouped together = no clashing schedules

Department of Engineering Science

AUTUMN SEMESTER 2025

	Course Code	Course Name	Credits	Study Pace	Week -->	Study period 1 (36–45)	Study period 2 (46–3)
	ADT110	Additive manufacturing	7,5	50		1 Sep – 9 Nov	
	IDI400	Industrial digitalization	7,5	50		1 Sep – 9 Nov	
International Mechanical Engineering (2nd semester)	HFS100	Strength of materials	7,5	50		1 Sep – 9 Nov	
	TVB100	Manufacturing I	2,5	20		1 Sep – 9 Nov	
	ELG100	Electronics, fundamental	5	30		1 Sep – 9 Nov	
	GPP110	Introduction to programming with Python	5	30			10 Nov – 18 Jan
	KVM200	Quality and environmental management	5	30			10 Nov – 18 Jan
	SDT200	Logic Control Engineering	2,5	20			10 Nov – 18 Jan
	SST200	Sensor Technology	2,5	20			10 Nov – 18 Jan
International Mechanical Engineering (4th semester)	MET100	Metallurgy	5	30		1 Sep – 9 Nov	
	FDA100	Multidimensional Calculus	5	30		1 Sep – 9 Nov	
	ROA200	Robotics and Automation	5	30		1 Sep – 9 Nov	
	NMA100	Numerical Analysis	5	30			10 Nov – 18 Jan
	MAS200	Mathematical Statistics	5	30			10 Nov – 18 Jan
	LOA202	Logistics	5	30			10 Nov – 18 Jan
Mechanical Engineering	ROA200	Robotics and Automation	5	30		1 Sep – 9 Nov	
	CAB400	Computer Aided Manufacturing, CAM	5	30		1 Sep – 9 Nov	
	VPR400	Virtual production	5	30		1 Sep – 9 Nov	
	FMS200	Freeform modeling and assemblies	7,5	50			10 Nov – 18 Jan
Network and IT	DTA400	Advanced Topics in Computer Engineering	7,5	50		1 Sep – 9 Nov	
	VSL402	Virtual servers and storage systems	7,5	50		1 Sep – 9 Nov	
	PDT401	Computer engineering in practice	7,5	50			10 Nov – 18 Jan
	SAD400	Server administration	7,5	50			10 Nov – 18 Jan
Computer Engineering	DTA400	Advanced Topics in Computer Engineering	7,5	50		1 Sep – 9 Nov	
	SEP400	Software Engineering	15	50		1 Sep –	18 Jan
	NIK400	Network technology for IoT and industrial communicaiton	7,5	50			10 Nov – 18 Jan
Electromechanical Vehicle Engineering	ISK100	Introduction to Electric Vehicle Systems and Components	5	30	*(BSc level)*	1 Sep – 9 Nov	
	GEE100	Basics of Electrical Engineering for electric vehicles	7,5	50	*(BSc level)*	1 Sep – 9 Nov	
	RSE100	Guidelines for safety when working on and in electric vehicles	2,5	20	*(BSc level)*	1 Sep – 9 Nov	
	EMK600	Electromagnetic compatibility	2,5	20			10 Nov – 18 Jan
	EFE600	Electric Machines for electric vehicles	7,5	50			10 Nov – 18 Jan
	KRE600	Power Electronics	5	30			10 Nov – 18 Jan
Robotics and Automation (1st year)	MFA600	Mechatronics for Automation	3,5	25		1 Sep – 9 Nov	
	PFA600	Programming for Automation	4	25		1 Sep – 9 Nov	
	RBK600	Robot Certificate	1,5	10		1 Sep – 9 Nov	
	RCS600	Robotic Systems	6	40		1 Sep – 9 Nov	
	RMG700	Robot Modelling	6	40			10 Nov – 18 Jan
	VTM605	Scientific methods in robotics and automation	3	20			10 Nov – 18 Jan
	RSM700	Robotic Simulation	6	40			10 Nov – 18 Jan
AI and Automation (1st year)	PFA600	Programming for Automation	4	25		1 Sep – 9 Nov	
	MFA600	Mechatronics for automation	3,5	25		1 Sep – 9 Nov	
	IAI600	Introduction to Artificial Intelligence and Machine Learning	7,5	50		1 Sep – 9 Nov	
	IAU600	Industrial Automation	3,5	25			10 Nov – 18 Jan
	STB600	Sensor Technology and Image Analysis	7,5	50			10 Nov – 18 Jan
	BAD700	Big Data Processing and Analysis	4	30			10 Nov – 18 Jan
Manufacturing Engineering (1st year)	AMT601	Advanced Materials Science	6	40		1 Sep – 9 Nov	
	ADT610	Additive Manufacturing Processes	7,5	50		1 Sep – 9 Nov	
	VSK600	Academic Writing	3	10		1 Sep –	18 Jan
	SKB603	Machining	6	40			10 Nov – 18 Jan
	YTI600	Surface Engineering	7,5	50			10 Nov – 18 Jan
Manufacturing Eng. (2nd year)	SPF610	Statistical process control and Design of experiments	7,5	50		1 Sep – 9 Nov	
	POM600	Process Simulation and Modeling	7,5	50		1 Sep – 9 Nov	10 Nov – 18 Jan
Cybersecurity	SCS600	Cyber-physical Systems Security	7,5	50		1 Sep – 9 Nov	
	PFC610	Principles of cybersecurity	7,5	50		1 Sep – 9 Nov	
	SLP600	Privacy, law, policy, and compliance in cybersecurity	7,5	50			10 Nov – 18 Jan
	SIM600	Cloud security	7,5	50			10 Nov – 18 Jan
Operations and Supply Chain Management (1st year)	LOV600	Operations and Supply Chain Management	15	100		1 Sep – 9 Nov	
	SCM700	Supply Chain Management - Sourcing and Distribution	7,5	50			10 Nov – 18 Jan
	VSI700	Operations Strategy and Execution	7,5	50			10 Nov – 18 Jan
Operations and Supply Chain Management (2nd year)	IAV600	International Business	7,5	25		1 Sep –	18 Jan
	FLV700	Research Methodologies in Operations and Supply Chain Management	7,5	25		1 Sep –	18 Jan
	LAS700	Lean, Agile and Six Sigma - Project Work	15	50		1 Sep –	18 Jan
Electric Power Systems	EBD700	Battery Storage Design	2,5	25		1 Sep – 9 Nov	
	ELD500	Power Electronics and Electric Drive Systems	5	30		1 Sep – 9 Nov	
	MEM500	Modeling of Electric Machines	5	30		1 Sep – 9 Nov	
	ITK600	Introduction to Power System Simulations	2,5	25		1 Sep – 9 Nov	
	EKS700	Electric Power System	7,5	50			10 Nov – 18 Jan
	ELE700	Electricity Production and Energy Storage	7,5	50			10 Nov – 18 Jan
Electric Vehicles	EBD700	Battery Storage Design	2,5	25		1 Sep – 9 Nov	
	ELD500	Power Electronics and Electric Drive Systems	5	30		1 Sep – 9 Nov	
	MEM500	Modeling of Electric Machines	5	30		1 Sep – 9 Nov	
	SAE500	Safety When Working on and in Electric Vehicles	2,5	25		1 Sep – 9 Nov	
	ELS600	Electrical Solutions of Auxiliary Systems in Vehicles	2,5	25			10 Nov – 18 Jan
	HDP600	Sustainability - Design and Production of Electric Vehicles	7,5	50			10 Nov – 18 Jan
	SFE600	Control System for Electric Vehicles	5	30			10 Nov – 18 Jan

MSc Lvl