Spring 2025

School of Innovation, Design and Engineering

				Study period					
				Period 1 Collision codes*		Period 2 Colission codes*			
Course code	Course name	ECTS	Level*	a	b	a	b	Study pace	Campus*
Computer Science									
CDT406	Applied Artificial Intelligence	15	A1F			K4	K4	100%	V
DVA260	Smart Digital Platforms: Cloud Computing, Security and Big Data	7,5	G1F	K4	K4			50%	E
DVA265	Artificial Intelligence 2	7,5	G1F			K2	K2	50%	E
DVA338	Fundamentals of Computer Graphics	7,5	G2F			K1	K1	50%	V
DVA340	Artificial Intelligence	7,5	G2F	K1	K1			50%	V
DVA400	Industrial Robotics	7,5	A1F	K1	K1			50%	V
DVA435	Project in intelligent embedded systems	15	A1F			X	>	100%	V
DVA436	Model-Driven Engineering	7,5	A1N			K2	K2	50%	V
DVA439	Intelligent Systems	7,5	A1F	K3	K3			50%	V
DVA455	Software Development for Real-Time Systems	7,5	A1N			K4	K4	50%	V
DVA484	Model-Based Development for Dependable Systems	7,5	A1N			K1	K1	50%	V
DVA485	Design of autonomous systems	7,5	A1F	K1+K3	K1+K3			50%	V
DVA494	Programming of Reliable Embedded Systems	7,5	A1F	K2	K2			50%	V
DVA496	Cybersecurity Operations	7,5	A1F			K2	K2	50%	E
DVA498	Network Security	7,5	A1F	K1	K1			50%	E
DVA499	Safety and Security Interplay	7,5	A1F			K4	K4	50%	E
DVA506	Software Architecture	7,5	A1N	K1	K1			50%	V
DVA423	Thesis for the degree of Master of Science (60 credits) in computer Science with Specialization in Software Engineering	15	ICM or double degree students only	X	>	>	>	50%	V
DVA501	Thesis for the Degree of Master of Science (120 credits) in Computer Science with Specialization in Software Engineering	30	ICM or double degree students only	X	>	>	>	100%	V
DVA428	Thesis for the degree of Master of Science (60 credits) in computer Science with Specialization in Embedded systems	15	ICM or double degree students only	X	>	>	>	50%	V
Electronics									
ELA305	Robust Electronics for Dependable Systems	7,5	G2F			K1+K5a	K1+K5a	50%	V
ELA400	Sensor Technology	7,5	A1N			K4	K4	50%	V
ELA402	Biomedical Engineering	7,5	A1N	K1+K5	K1+K5			50%	V
ELA408	Mobile Robotics	7,5	A1F			K3	K3	50%	V
ELA412	Advanced Signal Processing	7,5	A1F	K1	K1			50%	V
Innovation Management									
INO416	Innovation and Creativity Management	7,5	A1N			K2	K2	50%	E
Information Design									
ITE428	Research methods in Innovation & Design 2	7,5	A1F			K1	K1	50%	E
ITE430	Human Centered Design	7,5	A1N	K2	K2			50%	E

ITE432	Project Management in Innovation and Design	7,5	A1N	K3	K3			50%	E
Product and Process Development									
PPU217	Introduction to Industry 4.0	7,5	G1F			K3	K3	50%	E
PPU447	Visualization for Industry 4.0	7,5	A1F	K4	K4			50%	E
PPU473	Digital and Circular Business Models	7,5	A1N			K1	K1	50%	E
PPU475	Product Development in Global and Virtual Settings	7,5	A1N			K4	K4	50%	E
PPU477	Smart factories	7,5	A1N			K2	K2	50%	E
PPU486	Supply Chain Management	7,5	A1N			K1	K1	50%	E

***Collision codes (scheduled classes):**

K1= Monday afternoon + Wednesday morning

K2= Monday morning + Thursday morning

K3= Tuesday morning + Thursday afternoon

K4= Tuesday afternoon + Friday morning

K5= Wednesday afternoon + Friday afternoon (**K5a**= Wed afternoon, **K5b**= Fri afternoon)

X= No collission code

Please note that two courses with the same collision code, taught in the same study period, can not be combined.

*Campus: V= Västerås. E=Eskilstuna. Campus buses connects the cities hourly, free of charge for students

Levels:

G1N= The course has only upper secondary education requirements

G1F= The course has less than 60 credits at basic level as pre-requisites

G2F= The course has at least 60 credits at basic level as pre-requisites

A1N= Advanced level - the course has courses at undergraduate level as pre-requisites

A1F= Advanced level - the course has advanced courses as pre-requisites