

Ergonomics and Aerosol Technology

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links		10/11 sp4
MAMN10	7.5	A	C, D, Pi	-	S	Interaction 1: Neuro modelling, Cognitive Robotics and Agents		KS KE U W		
MAM120	7.5	G2	C, D, I, MD	-	S	Usability Evaluation		KS KE U W		
MAMF10	6	G2	A	X	E1	Architecture and Design for a Sustainable Society		KS KE U W		
MAMA05	10	G1	KID	-	E2	Cognitive and Physical Ergonomics		KS KE U W		
MAM032	7.5	A	C, D, I	-	S	Working Environment, Project	X	KS KE U W		
MAM032			C, D, I				X			1
MAMN01	7.5	A	C, D	X	E2	Advanced Interaction Design		KS KE U W		
MAM242	7.5	G2	E, M, MNAV, N	X	E1	Aerosol Technology		KS KE U W		
MAM242			W							Examinations only
MAMN15	7.5	A	C, D, Pi	-	S	Interaction 2: Virtuality and Cognitive Modelling		KS KE U W		
MAM090	7.5	A	BI, C, RH	-	S	People, Technology, Organization and Risk Management		KS KE U W		
MAMA01	7	G1	C	-	S	Human Machine Interaction		KS KE U W		
ABF061	6	G2	V	-	S	Architecture for Engineers		KS KE U W		
MAM026	4.5	G1	C, D, I, M	-	S	Work Organization		KS KE U W		
MAMF15	6	G2	M	-	S	Work Organization and Management		KS KE U W		
MAM101	7.5	G2	C, D, F	-	S	Virtual Reality in Theory and Practice		KS KE U W		1
MAMF20	7.5	G2	A, D, E, I, M	-	S	Working Environment	X	KS KE U W		1
MAMA10	5	G1	MD	-	S	Cognitive and Physical Ergonomics		KS KE U W		1

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
MAM085	7.5	G2	MD	-	S	Ergonomics		KS KE U W	Examinations only
MAM085			M						1
MAM061	7.5	G1	F	-	S	Human - Computer Interaction		KS KE U W	1
MAM061			C, D						1
MAMF05	7.5	G2	I, M	-	S	Management and Cooperation in Projects		KS KE U W	1
MAMN05	7.5	A	I	-	S	Management and Work Organisation		KS KE U W	1
ABF015	6	G2	A	X	E	Universal Design		KS KE U W	1

[MAM032](#) (C, D, I) Working Environment, Project: *Kursen startar i LP1 och LP3.*

[MAMF20](#) (A, D, I, M) Working Environment: *Tidigare [MAM203](#).*

Industrial Design

Course Code	Credits	Cycle	Language			Course Name	Footnote	Links	10/11 sp4
			Programme	S.Ex. stud.					
IDEA05	5	G1	KID	-	E2	2D Techniques	KS KE U W		
IDEF01	7.5	G2	ID, KID	X	E2	Advanced Project in Industrial Design	X KS KE U		
IDEF01			ID, KID				X		
IDEF15	15	G2	ID, KID	X	E2	Advanced project in Industrial Design	X KS KE U		
IDEA56	3	G1	KID	X	E2	Advanced Sketching	KS KE U W		
IDEF25	5	G2	MID	X	E	Introduction	KS KE U W		
IDEN15	6	A	ID	X	E	Design Management II	KS KE U W		
IDEA40	9	G1	KID	-	E2	Design Methodology	KS KE U W		
IDEA35	6	G1	MD	-	S	Designer Tools	KS KE U W		
IDEN05	15	A	MID	X	E	Industrial Design Project I	KS KE U W		
IDE120	19.5	A	ID	X	E	Industrial Design Project IV	KS KE U W		
IDEF05	3	G2	KID, MD	X	E2	Portfolio Technique	KS KE U W		
IDEN01	19.5	A	ID	-	E	STAR Design	KS KE U W		
IDEA01	14	G1	KID	-	S	Tools for a Designer	KS KE U		
IDE175	4.5	G2	ID, KID, MID	-	E	3 D - Modelling II	KS KE U W		
IDEN20	5	A	MID	X	E	CAD Evolution	KS KE U W		
IDEA65	5	G1	ID, KID, MID	-	E2	Design; about, for and with Trends	KS KE U W		
IDEF10	9	G2	KID	X	E2	Industrial Design Project C	KS KE U W		
IDEA25	1	G1	KID	-	E2	Inspiring Introduction to Industrial Design, part 1 of 2	KS KE U W		
IDE081	4.5	A	ID	X	E	Research Methods in Industrial Design	KS KE U W		
IDEA60	1	G1	ID, KID	X	E2	Workshop in Industrial Design	X KS KE U		
IDEA70	7	G1	KID, MD	X	E2	Design Management	KS KE U W		
IDEA75	5	G1	MD	-	E2	Design Methodology	KS KE U W		
IDEA20	4	G1	KID	-	E1	Industrial Design Project A	KS KE U W		
IDEN10	20	A	MID	-	E	Industrial Design Project II	KS KE U W		
IDEA50	4	G1	KID	X	E1	Light and Colour, Project	KS KE U W		
IDEA15	1	G1	KID, MD	-	E1	Photo Techniques	KS KE U W		
IDEA10	5	G1	MD	X	E2	3D modelling and Rendering	KS KE U W		
IDEA10			KID					1	

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
IDE015	3	G1	KID	-	E2	Inspiring Introduction to Industrial Design, Part 2 of 2		KS KE U W	1
IDEA30	5	G1	MD	-	S	Introduction to Workshop Training		KS KE U	1
IDE100	30	G2	ID	-	E2	Practical External Training	X	KS KE U W	1
IDE051	15	A	MD	-	E2	Project in Technical Design		KS KE U W	1
IDE025	4.5	G1	ID, KID, MID	-	E2	Glass Design		KS KE U W	1
IDEA45	6	G1	KID	X	E1	Industrial Design Project B		KS KE U W	1
IDEF20	10	G2	MD	-	E2	Project in Technical Design		KS KE U W	1

[IDEF01](#) ([ID](#), [KID](#)) Advanced Project in Industrial Design: *Endast enligt särskilt beslut/Separate decision is demanded*

[IDEF15](#) ([ID](#), [KID](#)) Advanced project in Industrial Design: *Endast enligt särskilt beslut/Separate decision is demanded*

[IDEA60](#) ([ID](#), [KID](#)) Workshop in Industrial Design: *Förlagd till tentamensperioder*

[IDE100](#) ([ID](#)) Practical External Training: *Obligatorisk för årskurs 4*

Machine Design

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language		Course Name	Footnote	Links	
										10/11 sp4
MMK140	4.5	A	I, M, MD	X	E2		Computer Based Engineering, Design Analysis 1		KS KE U W	
MMKN10	7.5	A	M, MD	X	E2		Design for X		KS KE U W	
MMK010	6	G1	M, MD	-	S		Manual and Computer Aided Drafting		KS KE U W	
MMK150	7.5	A	M	X	E2		Project - Machine Design	X	KS KE U W	
MMK150			M					X		
MMK150			M					X		
MMK150			M					X		1
MMKA10	5	G1	M	X	E		Form, Colour and Product Expression		KS KE U W	
MMKN25	7.5	A	M, Pi	X	E1		Project ☒ Robot Technology		KS KE U W	
MMKN25			M, Pi							1
MMK101	15	A	M	X	E2		Product Development Project		KS KE U W	1
MMK145	4.5	A	I, M, MD	X	E2		Computer Based Engineering, Design Analysis 2		KS KE U W	
MMKN05	5	A	I, M, MD	-	E2		Engineering Design Techniques		KS KE U W	
MMKF15	7.5	G2	I, M, MD, Pi	X	E1		Applied Robotics		KS KE U W	
MMKN20	5	A	M, MD	X	E2		Design in Thermoplastic Materials		KS KE U W	
MMK050	6	G2	M	-	S		Hydraulics and Pneumatics		KS KE U W	
MMKF01	5	G2	M, MD	X	E2		Product Development and Design Methodology		KS KE U W	
MMK070	7.5	G2	M	X	E		Industrial Design		KS KE U W	1

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
MMK126	7.5	G2	M	X	E2	Rapid Prototyping in the Product Development Process		KS KE U W	1
MMKN30	7.5	A	M , MD	X	E1	Service Robotics		KS KE U W	1
MMK121	4.5	G2	I , M	X	S	Computer Aided Product Modelling and Simulation		KS KE U W	1
MMKN15	5	A	I , M	X	E2	Computer Based Engineering, Design Optimization		KS KE U W	1
MMKF10	5	G2	MD	-	S	Digital Prototyping		KS KE U W	1
MMKF05	7.5	G2	I , M	X	E2	Product Development and Design Methodology	X	KS KE U W	1
MMKA01	6	G1	KID	X	E2	Product Development including Rapid Prototyping		KS KE U W	1

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
MMKA05	3	G1	KID	-	E2	Project in Solid Modelling		KS KE U W	1

[MMK150](#) (M) Project - Machine Design: *Projekt kan starta i samtliga lp. Uppgifterna om timmar förutsätter att projektet går över en läsperiod.*

[MMKF05](#) (I) Product Development and Design Methodology: *Kursen är obligatorisk i teknikprofilen Industriell produktframtagning för antagna H08. Kursen är också valfri på programmet.*

Packaging Logistics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
MTTN40	7.5	A	I , M , MD	X	E	Packaging Technology and Development		KS KE U W	
MTTN10	7.5	A	I , M	X	E2	Simulation of Packaging and Logistics Systems		KS KE U W	
MTTN35	7.5	A	I , M	X	E2	Packaging Logistics		KS KE U W	

Technology Management

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	10/11 sp4
TMAN01	10	A	B, C, D, E, F, I, K, L, M, N, P, V, W	-	S	Innovation Engineering - Intrapreneurship in Practice		KS KE U W	
TMAN30	7	A	B, C, D, E, F, I, K, L, M, N, P, V, W	-	S	Project Leadership, Advanced Course	X	KS KE U W	
TMAF01	5	G2	B, C, D, E, F, I, K, L, M, N, P, V, W	-	S	Market Driven Product Development	X	KS KE U W	
TMAN05	7	A	B, C, D, E, F, I, K, L, M, N, P, V, W	-	S	Project Leadership		KS KE U W	1
TMA010	15	A	B, C, D, E, F, I, K, L, M, N, P, V, W	-	S	Technology, Strategy and Structure		KS KE U W	1

[TMAN30](#) (B, K, W) Project Leadership, Advanced Course: *Ersätter* [TMA037](#)

[TMAF01](#) (B, K, W) Market Driven Product Development: *Ersätter* [TMAN10](#)

Division of Rehabilitation Engineering Research

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	10/11 sp4
				S.Ex. stud.					
TNSA01	2	G1	KID	-	S	Universal Design, Theory		KS KE U W	
TNX097	7.5	G2	C, D, E, F, M, MD	-	S	Rehabilitation Engineering	X	KS KE U W	
TNX153	7.5	G2	C, D, M, MD	-	S	Rehabilitation Engineering and Design	X	KS KE U W	1
TNSF01	6	G2	KID	X	E2	Universal Design, Project		KS KE U W	1

[TNX097](#) (D, E, F, M) Rehabilitation Engineering: *Nätburen kurs med träffar. Se www.eat.lth.se*

[TNX153](#) (D) Rehabilitation Engineering and Design: *Nätburen kurs. För information se <http://www.certec.lth.se/fkl>*

Bachelor's Projects of the Department

The list contains the bachelor's projects which are given by the department and which programme each bachelor's project is included in. The list is not necessarily complete before the academic year 2016/17.

Links

Course Code	Credits	Programme	Course Name	Links
IDEL01	15	KID	Degree Project for Bachelor of Fine Arts in Industrial Design	KS U W

Degree Projects of the Department

The list contains the degree projects which are given by the department and which programme each degree project is included in.

Course Code	Credits	Programme	Course Name	Links
MAM720	30	E, K, M, N, W	Degree Project in Aerosol Technology	KS U W
MAM920	30	C, D, E, E, I, M, RH, W	Degree Project in Ergonomics for Engineers	KS U W
IDEM01	30	ID	Degree Project in Industrial Design	KS U
IDEL01	15	KID	Degree Project for Bachelor of Fine Arts in Industrial Design	KS U W
MMK820	30	I, M	Degree Project in Machine Design for Engineers	KS U W
MMK920	30	MD	Degree Project in Technical Design	KS U W
MMKM01	30	M, M, M, M	Degree Project in Robotics	KS U W
MTT920	30	B, I, M	Degree Project in Packaging Logistics	KS U W
TMA820	30	B, C, D, E, E, I, K, L, M, N, Pi, V, W	Degree Project in Technology Management	KS U
TNS820	30	C, D, E, E, M	Degree Project in Rehabilitation Engineering	KS U W

[MAM720 \(K\)](#) Degree Project in Aerosol Technology: *Endast tillgänglig för antagna till 270 hp.*