

Ergonomics and Aerosol Technology

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	13/14																						
				S.Ex. stud.					sp1	sp2	sp3	sp4																			
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S			
MAMN10	7.5	A	C, D, Pi	-	S	Interaction 1: Neuro modelling, Cognitive Robotics and Agents	X	KS KE U W T	Course on hold																						
MAMN25	7.5	A	D, E, L, MD	-	S	Interaction Design		KS KE U W T	30	14	0	14	142																		
MAM120	7.5	G2	C, D, MD	-	S	Usability Evaluation		KS KE U W T	20	8	0	30	142																		
MAMA05	10	G1	KID	-	S	Cognitive and Physical Ergonomics		KS KE U W T	18	4	8	34	110	4	12	0	2	74													
EDT655	7.5	G2	IDA	-	S	Project Year 3		KS KE U T	18	6	0	20	36	0	4	0	20	96													
MAM032	7.5	A	C, D, MD	-	S	Working Environment, Project		KS KE U W T	0	0	0	20	60	0	0	0	20	60													
MAM032			C, D, MD																0	0	0	20	60	0	0	0	20	60			
MAMN01	7.5	A	C, D	X	E1	Advanced Interaction Design	X	KS KE U T						7	14	0	0	179													
MAMN01			C, D				X																				7	14	0	0	179
MAM242	7.5	G2	E, M, N	X	E1	Aerosol Technology		KS KE U W T						38	12	14	0	125													
MAMN15	7.5	A	C, D, Pi	-	S	Interaction 2: Virtuality and Cognitive Modelling	X	KS KE U W T	Course on hold																						
MAM090	7.5	A	BI, C, RH	-	S	People, Technology, Organization and Risk Management		KS KE U W T						32	14	0	24	138													
MAMA15	7.5	G1	C	-	S	Interaction Design, Basic Course		KS KE U W T						16	8	0	8	100	8	4	0	4	52								
MAMN20	7.5	A	E, M, N	X	E1	Aerosol Technology Project		KS KE U W T											0	0	0	20	140								
MAMN20			E, M, N																								0	0	0	20	140
MAMF15	6	G2	D, E, M, MD	-	S	Work Organization and Management		KS KE U W T											30	14	0	14	120								
MAM101	7.5	G2	C, D, F	-	S	Virtual Reality in Theory and Practice		KS KE U W T											15	8	0	2	60	5	12	0	2	96			
MAMF21	7.5	G2	E, M	-	S	Working Environment, Occupational Health and Safety		KS KE U W T											10	0	0	30	65	0	0	0	30	65			
MAMA11	5	G1	MD	-	S	Cognitive and Physical Ergonomics		KS KE U W T																		22	16	8	0	92	
MAMN30	7.5	A	C, I	-	S	Management, Work Organisation and Project Management		KS KE U W T																		30	14	0	14	142	

[MAMN10](#) ([C, D, Pi](#)) Interaction 1: Neuro modelling, Cognitive Robotics and Agents: *The course is offered every other academic year and will next be offered in 2014/15.*

[MAMN01](#) ([C](#)) Advanced Interaction Design: *The course in period 2 is for students in year 4 and 5. The course in period 4 is for students in year 3.*

[MAMN01](#) ([D](#)) Advanced Interaction Design: *The course in period 4 is mainly for students in year 3 of Information and Communication Engineering Technologies.*

[MAMN15](#) ([C, D, Pi](#)) Interaction 2: Virtuality and Cognitive Modelling: *The course is offered every other academic year and will next be offered in 2014/15.*

Industrial Design

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	13/14				13/14				13/14				13/14									
				S.Ex. stud.					sp1	sp2	sp3	sp4	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L
IDEF15	15	G2	KID, MID	-	E	Advanced project in Industrial Design	X	KS KE U T	0	0	0	0	400																	
IDEF15			KID, MID				X									0	0	0	0	200	0	0	0	0	200					
IDEA56	3	G1	KID	X	S	Advanced Sketching		KS KE U W T	30	0	0	0	50																	
IDEN40	5	A	MD, MID	X	E	Design Management 2		KS KE U W T	41	39	0	12	40																	
IDEF25	5	G2	MID	X	E	Introduction		KS KE U W T	30	0	0	43	60																	
IDEA05	5	G1	KID	-	E	2D Techniques		KS KE U W T	6	3	12	0	19	6	3	12	0	19												
IDEN45	5	A	MID	X	E	CAD Evolution		KS KE U W T	20	0	0	0	14	20	0	0	0	14												
IDEA40	9	G1	KID	X	E	Design Methodology		KS KE U W T	5	20	0	0	40	5	20	0	0	60												
IDEA35	6	G1	MD	-	S	Designer Tools		KS KE U W T	14	28	14	0	0	14	28	14	0	0												
IDEN05	15	A	MID	X	E	Industrial Design Project I		KS KE U W T	10	0	0	40	80	10	0	0	80	180												
IDEN25	20	A	MID	X	E	Industrial Design Project III		KS KE U W T	7	0	0	26	100	7	0	0	26	100												
IDEF06	3	G2	KID, MD	X	S	Portfolio Technique		KS KE U W T	8	20	0	2	25	0	0	0	4	25												
IDEA02	15	G1	KID	-	S	Tools for a Designer		KS KE U T	21	86	0	0	54	21	86	0	0	54												
IDEF01	7.5	G2	KID, MID	-	E	Advanced Project in Industrial Design	X	KS KE U T	0	0	0	0	200																	
IDEF01			KID, MID				X									0	0	0	0	200										
IDE175	4.5	G2	KID, MID	-	E	3 D - Modelling II		KS KE U W T						2	66	0	0	45												
IDEF10	9	G2	KID	X	S	Industrial Design Project C		KS KE U W T						10	20	0	28	80												
IDEA25	1	G1	KID	-	S	Inspiring Introduction to Industrial Design, part 1 of 2		KS KE U W T						12	0	0	0	12												
IDEN35	5	A	MD, MID	X	E	Research Methods in Industrial Design		KS KE U W T						15	20	0	0	60												
IDEA60	1	G1	KID, MID	-	E	Workshop in Industrial Design	X	KS KE U T						0	0	0	0	30												
IDEF30	3	G2	KID, MID	-	E1	Advanced Sketching II		KS KE U W T											30	0	0	0	50							
IDEA75	5	G1	MD	-	S	Design Methodology		KS KE U W T											8	30	0	0	60							
IDEA21	6	G1	KID	-	E1	Industrial Design Project A		KS KE U W T											14	0	0	70	74							
IDEA50	4	G1	KID	X	E1	Light and Colour, Project		KS KE U W T											8	8	0	32	16							
IDEA10	5	G1	KID	-	E	3D modelling and Rendering		KS KE U W T											2	40	0	0	42	2	16	0	0	18		
IDEA10			MD																				4	56	0	0	60			
IDEN10	20	A	MID	X	E	Industrial Design Project II		KS KE U W T											7	0	0	26	100	7	0	0	26	100		
IDE015	3	G1	KID	-	S	Inspiring Introduction to Industrial Design, Part 2 of 2		KS KE U W T											28	0	0	0	14	28	0	0	0	14		
IDEA30	5	G1	MD	-	S	Introduction to Workshop Training		KS KE U T											3	25	0	0	14	3	25	0	0	14		
IDE051	15	A	MD	-	S	Project in Technical Design		KS KE U W T											8	16	0	14	130	8	17	0	13	150		
IDEA80	7	G1	KID	X	E	Design Management 1		KS KE U W T																		62	39	0	12	40

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	13/14	13/14	13/14	13/14												
				S.Ex. stud.	E				sp1	sp2	sp3	sp4												
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
IDE025	4.5	G1	KID, MID	-	E	Glass Design		KS KE U W T					2	66	0	0	50							
IDEA45	6	G1	KID	X	E1	Industrial Design Project B		KS KE U W T					15	0	0	70	75							
IDEF35	15	G2	MID	-	S	Practical External Training in Industrial Design	X	KS KE U W T					2	0	0	4	314							
IDEF20	10	G2	MD	-	S	Project in Technical Design		KS KE U W T					12	24	0	0	180							

[IDEF15](#) ([KID](#), [MID](#)) Advanced project in Industrial Design: *Separate decision is demanded.*

[IDEF01](#) ([KID](#), [MID](#)) Advanced Project in Industrial Design: *Separate decision is demanded.*

[IDEA60](#) ([KID](#), [MID](#)) Workshop in Industrial Design: *Will be placed in the exam periods*

[IDEF35](#) ([MID](#)) Practical External Training in Industrial Design: *Summer course*

Innovation Engineering

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	13/14	13/14	13/14	13/14												
				S.Ex. stud.	E				sp1	sp2	sp3	sp4												
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	
INTN01	7.5	A	I	-	S	Innovation Engineering		KS KE U W T	80	0	0	20	100											

Product development

Course Code	Credits	Cycle	Programme	Language		S.Ex. stud.	Course Name	Footnote	Links		13/14 sp1	13/14 sp2	13/14 sp3	13/14 sp4															
											F	O	L	H	S	F	O	L	H	S	F	O	L	H	S				
MMKN45	5	A	M, MD	X	E1	Computer Based Engineering, Design Analysis 1		KS KE U W T		14	35	0	0	49															
MMKN11	7.5	A	M, MD	X	S	Design for X		KS KE U W T		28	35	0	21	65															
MMK010	6	G1	M	-	S	Manual and Computer Aided Drafting		KS KE U W T		28	36	0	0	65															
MMKA15	7	G1	MD	-	S	Manual and Computer Aided Drafting		KS KE U W T		32	42	0	0	94															
MMKN35	7.5	A	M, MD	X	S	Product Innovation		KS KE U W T		28	35	0	21	65															
MMK150	7.5	A	M	X	E1	Project - Machine Design	X	KS KE U W T		0	0	0	60	60															
MMK150			M				X					0	0	0	60	60													
MMK150			M				X								0	0	0	60	60										
MMK150			M				X															0	0	0	60	60			
MMKA10	5	G1	I, M, MD	X	E	Form, Colour and Product Expression		KS KE U W T		10	25	0	0	25	6	29	0	0	29										
MMK101	15	A	M	X	E1	Product Development Project		KS KE U W T		0	0	0	42	50	4	0	0	42	50	0	0	0	28	50	0	0	0	28	60
MMKN50	5	A	M, MD	X	E1	Computer Based Engineering, Design Analysis 2		KS KE U W T				14	35	0	0	49													
MMKN55	7.5	A	M, MD	-	S	Engineering Design Techniques		KS KE U W T				28	49	8	12	100													
MMKF15	7.5	G2	D, E, F, M, MD, Pi	X	E1	Applied Robotics		KS KE U W T							28	22	8	0	120										
MMKN20	5	A	M, MD	X	E1	Design in Thermoplastic Materials		KS KE U W T							21	28	8	8	50										
MMKN01	7.5	A	M	X	E1	Digital Plants	X	KS KE U W T	Course on hold																				
MMKF10	5	G2	MD	-	S	Digital Prototyping		KS KE U W T							10	40	0	0	40										
MMK050	6	G2	M	-	S	Hydraulics and Pneumatics		KS KE U W T							30	16	6	0	80										
MMKF01	5	G2	M, MD	X	S	Product Development and Design Methodology		KS KE U W T							14	28	0	0	42										
MMK070	7.5	G2	I, M, MD	X	E	Industrial Design		KS KE U W T							14	28	0	0	42	14	28	0	0	42					
MMK126	7.5	G2	M	X	S	Rapid Prototyping in the Product Development Process		KS KE U W T							6	30	0	0	30	4	30	0	0	30					
MMKN30	7.5	A	M, MD	X	E1	Service Robotics	X	KS KE U W T							14	0	10	15	60	8	0	10	15	60					
MMKF20	5	G2	M	X	S	Computer Aided Product Modelling and Simulation		KS KE U W T														10	40	0	0	40			
MMKN15	5	A	M	X	E1	Computer Based Engineering, Design Optimization		KS KE U W T														20	38	0	0	50			
MMKN40	5	A	M, MD	-	S	Design in Polymer Composite Materials		KS KE U W T														21	28	8	8	50			
MMKF05	7.5	G2	I	X	E	Product Development and Design Methodology	X	KS KE U W T														21	42	0	0	60			
MMKA01	6	G1	KID	X	S	Product Development including Rapid Prototyping		KS KE U W T														14	35	0	0	45			
MMKA05	3	G1	KID	-	E1	Project in Solid Modelling		KS KE U W T														10	10	0	0	60			

[MMK150](#) (M) Project - Machine Design: *The course is not linked to any specific study period. The information on hours depends on the course running over a study period.*

[MMKN01](#) (M) Digital Plants: *The course is offered every other academic year, and will next be offered in 2014/15.*

[MMKN30](#) (M, MD) Service Robotics: *The course is offered every other academic year and will be given in 2013/14, 2015/16.*

[MMKF05](#) (I) Product Development and Design Methodology: *Compulsory course in the elective block 'Industrial Product Design' for students admitted autumn 2011. The course is also an optional programme course.*

Packaging Logistics

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	13/14																			
				S.Ex. stud.					sp1	sp2	sp3	sp4																
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
MTTN40	7.5	A	B, I, K, M, MD, MFIPDES	X	E	Packaging Technology and Development		KS KE U W T	40	28	20	0	112															
MTTN50	7.5	A	MFIPDES	X	E	Senior Project in Food and Packaging Innovation		KS KE U W T	20	60	0	0	120															
MTTN55	7.5	A	I, M, MD, MFIPDES	X	E	Applied Logistics Simulation		KS KE U W T	28	21	0	0	64	7	21	0	0	12										
MTTN35	7.5	A	E, I, M, MLIV, MFIPDES	X	E	Packaging Logistics		KS KE U W T						42	28	0	40	90										

Division of Rehabilitation Engineering Research

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links	13/14																			
				S.Ex. stud.					sp1	sp2	sp3	sp4																
									F	O	L	H	S	F	O	L	H	S	F	O	L	H	S	F	O	L	H	S
TNSA01	2	G1	KID	-	S	Universal Design, Theory		KS KE U W T	12	2	4	0	35															
TNX097	7.5	G2	C, D, E, F, M, MD	-	S	Rehabilitation Engineering		KS KE U W T	14	14	4	4	44	14	14	8	14	70										
TNX153	7.5	G2	C, D, M, MD	-	S	Rehabilitation Engineering and Design		KS KE U W T											10	4	4	6	90	0	8	0	8	70
TNSF01	6	G2	KID	X	S	Universal Design, Project		KS KE U W T											4	0	0	6	64	0	8	0	8	70

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
MAML10	15	W	Bachelor Project in Aerosol Technology	KS KE U W
IDEL01	15	KID	Degree Project for Bachelor of Fine Arts in Industrial Design	KS KE U W
MTTL05	15	M , Pi	Bachelor Project in Packaging Logistics	KS KE 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.

Links

Course Code	Credits	Programme	Course Name	Links
MAM720	30	E, K, M, N, W	Degree Project in Aerosol Technology	KS KE U W
MAM920	30	BME, E, I, M, RH, W	Degree Project in Ergonomics for Engineers	KS KE U W
MAML05	22.5	IDA	Degree Project in Interaction Design	KS KE U
MAMM01	30	C, D, M	Degree Project in Interaction Design	KS KE U W
IDEM05	30	MID	Degree Project for Master of Fine Arts in Design	KS KE U
INTM01	30	I	Degree Project in Innovation Engineering	KS KE U W
MMK820	30	I, M	Degree Project in Machine Design for Engineers	KS KE U W
MMK920	30	MD	Degree Project in Technical Design	KS KE U W
MTTM01	30	MFIPDES	Degree Project in Food Packaging Design	KS KE U W
MTT920	30	B, I, M	Degree Project in Packaging Logistics	KS KE U W
TNS820	30	BME, C, D, E, F, M	Degree Project in Rehabilitation Engineering	KS KE U W

[MAM720 \(K\)](#) Degree Project in Aerosol Technology: *Only for students admitted to the programme of 270 credits*