

Circle

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
INNN10	7.5	A	I	X	E	Globalization and Innovation		KS KE U T				4

Ergonomics and Aerosol Technology

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links			
				S.Ex. stud.				20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
MAMN40			C							3	4
MAMN20	7.5	A	E, M, MNAV, N	X	E1	Aerosol Technology Project	KS KE U W T	1	2		
MAMN20			E, M, MNAV, N							3	4
MAMF30	6	G2	KID	-	S	Ergonomics	KS KE U W T	1			
MAMF30			BME, MD								4
MAMF55	7.5	G2	E, K, M, MNAV, N, W	X	E1	Aerosol Technology	KS KE U W T		2		
MAMN15	7.5	A	C, D	-	S	Interaction 2: Virtuality and Cognitive Modelling	X KS KE U W T		2		

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								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
MAMA15	7.5	G1	C	-	S	Interaction Design, Basic Course	KS KE U W T		2		
MAMN35	7.5	A	BME , Pi , RH , W	-	S	Risk Analysis Methods for Health and Environment	KS KE U T			3	
MAMF15	6	G2	E , M , MD , N	-	S	Work Organization and Management	X KS KE U W T			3	
MAMF35	7.5	G2	BME	X	E	Human in Extreme Environments	KS KE U W T			3	4
MAMF45	7.5	G2	C , D , E , F	-	S	Virtual Reality in Theory and Practice	KS KE U W T			3	4
MAMF21	7.5	G2	C , D , E , I , M , RH , MPRR	-	S	Working Environment, Occupational Health and Safety	KS KE U W T			3	4
MAMN01	7.5	A	C , D	-	S	Advanced Interaction Design	KS KE U T				4

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								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4			
MAMN30	7.5	A	BME, C, D, E, E, I	-	S	Management, Work Organisation and Project Management	X	KS	KE	U	W	T		4

[MAMN10](#) (C, D) Interaction 1: Neuro Modelling, Cognitive Robotics and Agents: *The course is offered every other academic year and will be given in 2020/21, 2022/23.*

[MAMN15](#) (C, D) Interaction 2: Virtuality and Cognitive Modelling: *The course is offered every other academic year and will be offered in 2020/21, 2022/23.*

[MAMF15](#) (E) Work Organization and Management: *Endast en av kurserna [MAMF15](#) och [MAMN30](#) får ingå i examen.*

[MAMN30](#) (E) Management, Work Organisation and Project Management: *Endast en av kurserna [MAMF15](#) och [MAMN30](#) får ingå i examen.*

Industrial Design

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
									sp1	sp2	sp3	sp4
IDEN40	5	A	MID	X	E	Design Management 2	KS KE U W T	1				
IDEF25	5	G2	MID	X	E	Introduction	KS KE U W T	1				
IDEA05	5	G1	KID	-	E	2D Techniques	KS KE U W T	1	2			
IDEA90	3	G1	KID	-	E	3D Modelling and Rendering, Part 2	KS KE U W T	1	2			
IDEN45	5	A	MID	X	E	CAD Evolution	KS KE U W T	1	2			
IDEA76	13	G1	KID	-	E	Design Methodology	KS KE U W T	1	2			
IDEA35	6	G1	MD	-	S	Designer Tools	KS KE U W T	1	2			

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									sp1	sp2	sp3	sp4
IDEN05	15	A	MID	X	E	Industrial Design Project I		KS KE U W T	1	2		
IDEN25	20	A	MID	X	E	Industrial Design Project III		KS KE U W T	1	2		
IDEF06	3	G2	KID	X	E1	Portfolio Technique		KS KE U W T	1	2		
IDEA02	15	G1	KID	-	S	Tools for a Designer		KS KE U T	1	2		
IDEN50	7.5	A	MD	-	E	Entrepreneurship and Project Management	X	KS KE U W T		2		
IDEF11	11	G2	KID	X	E1	Industrial Design Project C		KS KE U W T		2		
IDEA25	1	G1	KID	-	E1	Inspiring Introduction to Industrial Design, part 1 of 2		KS KE U W T		2		

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								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4	
IDEN35	5	A	MD, MID	X	E	Research Methods in Industrial Design	KS KE U W T		2			
IDEA56	3	G1	KID	X	S	Advanced Sketching	KS KE U W T				3	
IDEA75	5	G1	MD	-	S	Design Methodology	KS KE U W T				3	
IDEA21	6	G1	KID	-	E1	Industrial Design Project A	KS KE U W T				3	
IDEA50	4	G1	KID	X	E1	Light and Colour, Project	KS KE U W T				3	
IDEN10	20	A	MID	X	E	Industrial Design Project II	KS KE U W T				3	4
IDEB01	3	G1	KID	-	E1	Inspiring Introduction to Industrial Design, Part 2 of 2	KS KE U W T				3	4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
IDEA95	6	G1	MD	-	S	Introduction to Workshop Training	KS KE U T			3	4
IDEN55	15	A	MD	-	S	Project in Technical Design	KS KE U W T			3	4
IDEA85	2	G1	KID	-	E	3D Modelling and Rendering, Part 1	KS KE U W T				4
IDEA80	7	G1	KID	X	E	Design Management 1	KS KE U W T				4
IDEA46	9	G1	KID	X	E1	Industrial Design Project B	KS KE U W T				4
IDEF20	10	G2	MD	-	S	Project in Technical Design	KS KE U W T				4
IDEN60	7.5	A	MD	-	E	Surface-based Modelling, Rendering and Design	KS KE U W T				4

[IDEN50 \(MD\)](#) Entrepreneurship and Project Management: *mandatory course for students admitted to H14 and earlier.*

Innovation Engineering

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
									sp1	sp2	sp3	sp4
INTN01	7.5	A	I, MMSR	X	E	Innovation Engineering		KS KE U W T	1			
INNA01	7.5	G1	C, D, E, I, N, P	X	E	Entrepreneurship - how to Build a Scalable Start-up		KS KE U W T		2		
INNN15	7.5	A	E, I	X	E	Innovation Management		KS KE U W T			3	

Product development

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
									sp1	sp2	sp3	sp4
MMKN46	7.5	A	M, MD	X	E1	Computer Based Engineering, Design Analysis 1		KS KE U W T	1			
MMKA25	6	G1	M, MD	-	S	Manual and Computer Aided Drafting		KS KE U W T	1			
MMKN35	7.5	A	BME, I, M, MD, N	X	E1	Product Innovation		KS KE U W T	1			
MMKN65	7.5	A	M	X	E1	Project - Machine Design	X	KS KE U W T	1			
MMKN65			M				X			2		
MMKN65			M				X				3	
MMKN65			M				X					4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
									sp1	sp2	sp3	sp4
MMKF45	7.5	G2	M , MD	X	E	Rapid Prototyping	KS KE U W T	1	2			
MMKN51	7.5	A	M , MD	X	E1	Computer Based Engineering, Design Analysis 2	KS KE U W T		2			
MMKN55	7.5	A	M , MD	-	S	Engineering Design Techniques	KS KE U W T		2			
MMKN21	7.5	A	M , MD	X	E1	Design in Thermoplastic Materials	KS KE U W T			3		
MMKF01	5	G2	M , MD	-	E	Product Development and Design Methodology	KS KE U W T			3		
MMKN11	7.5	A	I , M , MD	X	E	Design for X	KS KE U W T			3	4	
MMKF30	7.5	G2	M	-	S	Hydraulics and Pneumatics	KS KE U W T			3	4	

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								20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4			
MMKF35	7.5	G2	I, M	X	E	Industrial Design	X	KS	KE	U	W	T	3	4
MMKF05	7.5	G2	I	X	E	Product Development and Design Methodology	X	KS	KE	U	W	T	3	4
MMKN41	7.5	A	M, MD	X	E	Design in Polymer Composite Materials		KS	KE	U	W	T		4
MMKA20	4	G1	KID	X	E	Product Development		KS	KE	U	W	T		4
MMKF25	7.5	G2	M	X	E1	Surface Modelling, Rendering and 3D		KS	KE	U	W	T		4

[MMKN65](#) (M) Project - Machine Design: *The course is not linked to any specific study period. The information on hours depends on the course running over one study period.*

[MMKF35](#) (I) Industrial Design: *Compulsory course in the elective block 'Product Innovation' for students admitted autumn 2015. The course is also an optional programme course.*

[MMKF05](#) (I) Product Development and Design Methodology: *Compulsory course in the elective block 'Product innovation' for students admitted autumn 2015. The course is also an optional programme course. The date and time of the exam is announced by the lecturing staff.*

Packaging Logistics

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links				
				S.Ex. stud.					20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
MTTN40	7.5	A	B, I, K, M, MD, MFIPDES, MLOG	X	E	Packaging Technology and Development		KS KE U W T	1			
MTTN50	7.5	A	MFIPDES	X	E	Senior Project in Food and Packaging Innovation		KS KE U W T	1			
MTTN35	7.5	A	I, M, MD, MLIV, MFIPDES, MLOG	X	E	Packaging Logistics		KS KE U W T		2		
MTTN56	7.5	A	B, I, M, MD, MLIV, MFIPDES	X	E	Packaging Material Science		KS KE U W T		2		

Division of Rehabilitation Engineering Research

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
									sp1	sp2	sp3	sp4
TNSA01	2	G1	KID	-	E1	Universal Design, Theory	KS KE U W T	1				
TNSF05	7.5	G2	BME, C, D, E, F, M, MD	-	S	Rehabilitation Engineering	KS KE U W T	1	2			
TNSN01	7.5	A	C, D, E, M, MD	X	E1	Service Robotics	KS KE U W T		2			
TNSF02	5	G2	KID	-	E1	Universal Design, Project	KS KE U W T				3	4
TNSF10	7.5	G2	BME, C, D, M, MD	X	E1	Universal Design, Theory and Project	KS KE U W T				3	4

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.

Links

Course Code	Credits	Programme	Course Name	Links
MAML10	15	E , N , W	Bachelor Project in Aerosol Technology	KS KE U W
MAML15	15	C , D	Bachelor Project in Interaction Design	KS KE U
IDEL01	15	KID	Degree Project for Bachelor of Fine Arts in Design	KS KE U W
MMKL05	15	MD	Bachelor Project in Technical Design	KS KE U W
MTTL05	15	M	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.

Course Code	Credits	Programme	Course Name	Links
INNM01	30	I	Degree Project in Innovation	KS KE U
MAMM05	30	E, M, N, W	Degree Project in Aerosol Technology	KS KE U W
MAMM10	30	BME, E, I, M, RH	Degree Project in Ergonomics	KS KE U W
MAML05	22.5	IDA	Degree Project in Interaction Design	KS KE U
MAMM01	30	BME, 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
MMKM05	30	I, M, N	Degree Project in Product Development	KS KE U W
MMKM10	30	MD	Degree Project in Technical Design	KS KE U W
MTTM01	30	MLIV, MEIPDES	Degree Project in Food Packaging Design	KS KE U W
MTTM03	30	MLOG	Degree Project in Packaging Logistics	KS KE U W
MTTM10	30	B, I, K, M	Degree Project in Packaging Logistics	KS KE U W
TNSM01	30	BME, C, D, E, M	Degree Project in Rehabilitation Engineering	KS KE U W