

## Building Science

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
<a href="#">VSMA10</a>	3	G1	<a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Mechanics of Materials	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<a href="#">FME602</a>	6	G1	<a href="#">IBYA</a>	-	S	Structural Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2		
<a href="#">VSME01</a>	7.5	G2	<a href="#">IBYA</a>	-	S	Energy Conservation	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VSME10</a>	9	G2	<a href="#">IBYA</a>	-	S	Structural Design	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4

## Design Methodology

Course Code	Credits	Cycle	Programme	Language		Course Name	Footnote	Links							
				S.Ex. stud.				12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4				
<a href="#">EDAA15</a>	8	G1	<a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Communication and Computer Tools		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>	2	3	
<a href="#">EDAA15</a>			<a href="#">IBYA</a>										2	3	
<a href="#">MMTF10</a>	8	G2	<a href="#">IBYA</a>	-	S	BIM Modelling and Visualisation		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>		3	4
<a href="#">ADP600</a>	7.5	G2	<a href="#">IBYA</a>	-	S	Model based design for architects and engineers		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>		3	4
<a href="#">MAMF25</a>	7.5	G2	<a href="#">IBYA</a> , <a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Working Environment, Trainee Course	X	<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>	<a href="#">T</a>		3	
<a href="#">MAMF25</a>			<a href="#">IBYA</a> , <a href="#">IBYI</a> , <a href="#">IBYV</a>				X								4

[MAMF25](#) ([IBYA](#), [IBYI](#), [IBYV](#)) Working Environment, Trainee Course: *The course is offered twice a year (January and May).*

## Solid Mechanics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
<a href="#">FHL110</a>	7.5	A	<a href="#">E, E, M, MD, N, Pi</a>	X	E	Biomechanics		<a href="#">KS KE U W T</a>	1			
<a href="#">FHLN05</a>	7.5	A	<a href="#">E, M, Pi, V</a>	-	E2	Computational Inelasticity		<a href="#">KS KE U W T</a>	1			
<a href="#">FHL025</a>	7.5	A	<a href="#">M</a>	X	E1	Project - Solid Mechanics	X	<a href="#">KS KE U W T</a>	1			
<a href="#">FHL025</a>			<a href="#">M</a>				X			2		
<a href="#">FHL025</a>			<a href="#">M</a>				X				3	
<a href="#">FHL025</a>			<a href="#">M</a>				X					4
<a href="#">FHLN15</a>	7.5	A	<a href="#">E, M, MD, N, Pi</a>	X	E	Biomechanics, Advanced Course		<a href="#">KS KE U T</a>		2		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
<a href="#">FHL066</a>	7.5	A	<a href="#">E, M, Pi, V</a>	X	E2	Finite Element Method for Non-linear Systems		<a href="#">KS KE U W T</a>		2		
<a href="#">FHL105</a>	4.5	G1	<a href="#">E, Pi</a>	-	S	Solid Mechanics, Basic Course		<a href="#">KS KE U W T</a>		2		
<a href="#">FHLA01</a>	6	G1	<a href="#">I</a>	-	S	Solid Mechanics, Basic Course	X	<a href="#">KS KE U W T</a>		2		
<a href="#">FHL055</a>	7.5	G1	<a href="#">BME, W</a>	-	S	Engineering Mechanics		<a href="#">KS KE U W T</a>		2		
<a href="#">FHL055</a>			<a href="#">B, E, K, N</a>								3	
<a href="#">FHLN01</a>	7.5	A	<a href="#">E, M, MD, Pi</a>	X	E	Structural Optimization		<a href="#">KS KE U W T</a>			3	
<a href="#">FHL013</a>	15	G2	<a href="#">M, MD</a>	-	E1	Solid Mechanics, Basic Course		<a href="#">KS KE U W T</a>			3	4

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language		Course Name	Footnote	Links				
									12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4	
<a href="#">FHL064</a>	7.5	G2	<a href="#">E, M, MD, N</a>	X		S	Finite Element Method	<a href="#">KS KE U W T</a>					4
<a href="#">FHLE01</a>	6	G2	<a href="#">E</a>	-		S	Finite Element Method	<a href="#">KS KE U W T</a>					4
<a href="#">FHL090</a>	7.5	A	<a href="#">M</a>	X		E2	Fracture Mechanics, Advanced Course	<a href="#">KS KE U W T</a>					4
<a href="#">FHLN10</a>	7.5	A	<a href="#">E, M, Pi</a>	X		E	Modern Experimental Mechanics	<a href="#">KS KE U T</a>					4

[FHL025](#) (M) Project - Solid Mechanics: *The start of the course is decided by the department.*

[FHLE01](#) (I) Solid Mechanics, Basic Course: *Compulsory course in the elective block 'Industrial Product Design' for students admitted autumn 2010. The course is also an optional programme course.*

## Structural Mechanics

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links	12/13	12/13	12/13	12/13
									sp1	sp2	sp3	sp4
<a href="#">VSMN35</a>	7.5	A	<a href="#">V</a>	-	S	Beam Theory	<a href="#">KS KE U W T</a>	1				
<a href="#">VGTF05</a>	5	G2	<a href="#">V</a>	-	S	Soil Mechanics	<a href="#">KS KE U W T</a>	1				
<a href="#">VSMN25</a>	7.5	A	<a href="#">MWLU, Pi, V, W</a>	X	E2	The Finite Element Method - Flow Analysis	<a href="#">KS KE U W T</a>	1				
<a href="#">VTAF05</a>	7.5	G2	<a href="#">V</a>	X	E2	Acoustics	<a href="#">KS KE U W T</a>		2			
<a href="#">VSMA05</a>	8	G1	<a href="#">V</a>	-	S	Structural Mechanics	<a href="#">KS KE U W T</a>		2			
<a href="#">VSMN30</a>	7.5	A	<a href="#">Pi, V</a>	X	E2	The Finite Element Method - Structural Analysis	<a href="#">KS KE U W T</a>		2			
<a href="#">VSME05</a>	7.5	G2	<a href="#">M, V</a>	-	S	Engineering Modelling: Analysis of Structures	<a href="#">KS KE U W T</a>			3		

Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
<a href="#">VSMA01</a>	5	G1	<a href="#">KID</a>	-	S	Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">T</a>			3	
<a href="#">VTAF01</a>	7.5	G2	<a href="#">V</a>	-	S	Sound in Building and Environment	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VSMN10</a>	7.5	A	<a href="#">E</a> , <a href="#">M</a> , <a href="#">Pi</a> , <a href="#">V</a>	X	E2	Structural Dynamic Computing	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	
<a href="#">VGTA01</a>	6	G1	<a href="#">IBYA</a> , <a href="#">IBYI</a> , <a href="#">IBYV</a>	-	S	Engineering Geology and Soil Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VGTF01</a>	7.5	G2	<a href="#">V</a>	-	S	Foundation Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VSMN15</a>	7.5	A	<a href="#">A</a> , <a href="#">V</a>	X	E2	Integrated Design: Structural Design – Architectural Design	X <a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VSM010</a>	7.5	G1	<a href="#">V</a>	-	S	Mechanics, Basic Course	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4



Course Code	Credits	Cycle	Programme	S.Ex. stud.	Language	Course Name	Footnote	Links			
								12/13 sp1	12/13 sp2	12/13 sp3	12/13 sp4
<a href="#">VSMA15</a>	8	G1	<a href="#">BI</a>	-	S	Mechanics, Basic Course	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4
<a href="#">VSMN20</a>	7.5	A	<a href="#">E</a> , <a href="#">M</a> , <a href="#">Pi</a> , <a href="#">V</a>	-	S	Software Development for Technical Applications	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

[VSMN15](#) ([A](#), [V](#)) Integrated Design: Structural Design – Architectural Design: *The date and time of the exam is announced by the course lecturer.*

## 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
FHLL01	15	<a href="#">M</a>	Bachelor Project in Solid Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VTAL01	15	<a href="#">V</a>	Bachelor Project in Engineering Acoustics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VGTL01	15	<a href="#">V</a>	Bachelor Project in Geotechnical Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VSML01	15	<a href="#">V</a>	Bachelor Project in Structural Mechanics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>

## 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
VBV615	22.5	<a href="#">IBYA</a>	Degree Project	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
ADPM01	30	<a href="#">A</a>	Degree Project in Design Methodology	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
FHL820	30	<a href="#">BME</a> , <a href="#">E</a> , <a href="#">I</a> , <a href="#">M</a> , <a href="#">N</a> , <a href="#">Pi</a>	Degree Project in Solid Mechanics for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VTA820	30	<a href="#">E</a> , <a href="#">V</a>	Degree Project in Engineering Acoustics for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VGTM01	30	<a href="#">V</a>	Degree Project in Geotechnical Engineering	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>
VSM820	30	<a href="#">V</a>	Degree Project in Structural Mechanics for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>
VSM920	30	<a href="#">E</a> , <a href="#">M</a> , <a href="#">Pi</a>	Degree Project in Structural Mechanics for Engineers	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a>