

FH OÖ - CIVIL ENGINEERING - BACHELOR DEGREE valid since WS 20/21

1. Semester								
LV-Nr	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
BIM1PT	CAD & Building Information Modeling I	PT	1	2	2	30	BIM1	1,5
POG1PT	Project-oriented Building Planning	PT	1	2	2	30	POP	1,5
HB1VO	Building Construction & Structural Engineering I	VO	2	1	2	30	HB	2,5
DGE1IL	Descriptive Geometry & Design	ILV	2	2	4	60	POP	2,5
VMK1VO	Surveying	VO	2	1	2	30	NIG	2
VMK1UE	Surveying	UE	1	3	3	45	NIG	1
SKK1UE	Communication & Teamwork	UE	3	2	6	90	SKK	2
FOL1UE	Foreign Language I	UE	1	2	2	30	FSP	1,5
PHY1IL	Physics	ILV	2	1	2	30	NIG	2,5
MEC1VO	Mechanics I	VO	2	1	2	30	MEC	3
MEC1UE	Mechanics I	UE	1	2	2	30	MEC	2
MAT1VO	Mathematics I	VO	4	0,5	2	30	MAT	5
MAT1UE	Mathematics I	UE	2	2	4	60	MAT	3
Summenzeile:			24		35	525		30
LVS = Summe SWS*LV-Wochen			360					

2. Semester								
LV-Nr	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
BIM2PT	CAD & Building Information Modeling II	PT	2	2	4	60	BIM1	2
POT2PT	Project-oriented Structural Design	PT	1	3	3	45	POP	1,5
HB2VO	Building Construction & Structural Engineering II	VO	2	1	2	30	HB	2,5
INF2IL	Building Informatics	ILV	1	2	2	30	NIG	1,5
BPH2IL	Building Physics I	ILV	3	1	3	45	BPH	3,5
BPH2LB	Building Physics I	LB	2	3	6	90	BPH	2
CH2VO	Chemistry & Building Material Science	VO	2	1	2	30	NIG	2
GGL2IL	Building & Design Theory	ILV	1	1	1	15	POP	1
BWL2UE	General Business Management	UE	1	2	2	30	WM	2
SKK2UE	Presentation & Scientific Work	UE	2	2	4	60	SKK	2,5
FOL2UE	Foreign Language II	UE	1	2	2	30	FSP	1,5
MEC2VO	Mechanics II	VO	2	1	2	30	MEC	2,5
MEC2UE	Mechanics II	UE	1	2	2	30	MEC	1,5
MAT2VO	Mathematics II	VO	2	0,5	1	15	MAT	2,5
MAT2UE	Mathematics II	UE	1	2	2	30	MAT	1,5
Summenzeile:			24		38	570		30
LVS = Summe SWS*LV-Wochen			360					

3. Semester								
LV-Nr	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
BIM3PT	Building Information Modeling III	PT	1	2	2	30	BIM1	1,5
POD3PT	Project-oriented Detailed Planning	PT	1	2	2	30	POP	1,5
HB3VO	Building Construction & Structural Engineering III	VO	2	1	2	30	HB	2,5
GBT3VO	Building Technology & Smart Buildings I	VO	2	1	2	30	GBT	2,5
GBT3LB	Building Technology & Smart Buildings I	LB	1	3	3	45	GBT	1,5
BPH3VO	Building Physics II	VO	2	1	2	30	BPH	2,5
BPH3LB	Building Physics II	LB	1	3	3	45	BPH	1,5
BAW3IL	Building Economics	ILV	3	1	3	45	WM	3,5
BRE3VO	Construction Law	VO	2	1	2	30	RE	2
QMA3VO	Quality Management & Work Safety	VO	1	1	1	15	RE	1
SKK3UE	Conflict Management & Mediation	UE	2	2	4	60	SKK	2
BST3VO	Structural Analysis & Structural Design I	VO	2	1	2	30	STA	2,5
BST3UE	Structural Analysis & Structural Design I	UE	1	2	2	30	STA	1,5
FKL3VO	Strength of Materials I	VO	2	1	2	30	FKL	2,5
FKL3UE	Strength of Materials I	UE	1	2	2	30	FKL	1,5
Summenzeile:			24		34	510		30
LVS = Summe SWS*LV-Wochen			360					

4. Semester								
LV-Nr	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
BIM4PT	Building Information Modeling IV	PT	1	2	2	30	BIM2	1,5
PRO4PT	Project	PT	2	3	6	90	PRO	3
GBT4VO	Building Technology & Smart Buildings II	VO	2	1	2	30	GBT	2,5
GBT4LB	Building Technology & Smart Buildings II	LB	1	3	3	45	GBT	1
GBA4IL	Building Automation	ILV	1	1	1	15	GBT	1

BPM4IL	Project Management	ILV	3	1	3	45	WM	3,5
GBM4VO	Foundation Engineering & Soil Mechanics	VO	2	1	2	30	TB	2,5
GBM4UE	Foundation Engineering & Soil Mechanics	UE	1	2	2	30	TB	1
BST4VO	Structural Analysis & Structural Design II	VO	2	1	2	30	STA	2,5
BST4UE	Structural Analysis & Structural Design II	UE	1	2	2	30	STA	1,5
FKL4VO	Strength of Materials II	VO	2	1	2	30	FKL	2,5
FKL4UE	Strength of Materials II	UE	1	2	2	30	FKL	1,5
	<i>Wahlfachgruppe</i>		5					6
Summenzeile:			24		29	435		30
LVS = Summe SWS*LV-Wochen			360					
Wahlfachgruppe "Bauen im Klimawandel" (BIK)								
LV-Nr.	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
SCS4SE	Smart City & Smart Region	SE	1	1	1	15	BIK	1
BÖB4VO	Building Ecology & Building Biology	VO	2	1	2	30	BIK	2
SES4IL	Sustainable Energy Supply	ILV	2	1	2	30	BIK	3
Summenzeile:			5		5	75		6
Wahlfachgruppe "Optimierung im Bestand" (OIB)								
LTB4VO	Low Tech Buildings	VO	1	1	1	15	OIB	1
BSV4VO	Construction Analysis, Renovation & Urban Densification	VO	3	1	3	45	OIB	3,5
BFM4VO	Building & Facility Management	VO	1	1	1	15	OIB	1,5
Summenzeile:			5		5	75		6

5. Semester								
LV-Nr	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
BIM5PT	Building Information Modeling V	PT	1	2	2	30	BIM2	1,5
BT5PT	Bachelor Thesis I	PT	1	3	3	45	BA	1,5
ABB5IL	Process Planning & Construction	ILV	4	1	4	60	ABB	4,5
HLB5VO	Timber Construction	VO	2	1	2	30	KI1	2,5
HLB5UE	Timber Construction	UE	1	2	2	30	KI1	1,5
LFG5VO	Lightweight Construction, Facade & Glass Construction	VO	2	1	2	30	KI2	2,5
LFG5LB	Lightweight Construction, Facade & Glass Construction	LB	1	3	3	45	KI2	1
BMB5VO	Concrete & Masonry Construction	VO	3	1	3	45	KI3	3,5
BMB5UE	Concrete & Masonry Construction	UE	1	2	2	30	KI3	1,5
STB5VO	Steel Construction	VO	2	1	2	30	KI2	2,5
STB5UE	Steel Construction	UE	1	2	2	30	KI2	1,5
	<i>Wahlfachgruppe</i>		5					6
Summenzeile:			24		27	405		30
LVS = Summe SWS*LV-Wochen			360					
Wahlfachgruppe "Architektur" (ARC)								
LV-Nr.	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
PAD5IL	Parametric Design	ILV	3	2	6	90	ARC	3,5
BGB5VO	Building History & Architectural Styles	VO	1	1	1	15	ARC	1
SBE5SE	Sociology & Building Ethics	SE	1	1	1	15	ARC	1,5
Summenzeile:			5		8	120		6
Wahlfachgruppe "Praktische Methoden" (PME)								
ETA5PT	Experimental Structural Analysis	PT	1	2	2	30	PME	2
BGK5LB	Building laboratory & construction equipment	LB	3	2	6	90	PME	2
PLS5SE	Prefabrication, Logistics & Smart Construction Sites	SE	1	1	1	15	PME	2
Summenzeile:			5		9	135		6

6. Semester								
LV-Nr	LV-Bezeichnung	LV-Typ	SWS	Grp.	ASWS	ALVS	Modul	ECTS
BIM6PT	Building Information Modeling VI	PT	1	2	2	30	BIM2	1,5
AFW6VO	Waste & Resource Management	VO	2	1	2	30	ABB	2
BRS6IL	Fire Protection	ILV	2	1	2	30	GBT	2
ITB6VO	Geotechnical Engineering	VO	2	1	2	30	TB	2
ITB6UE	Geotechnical Engineering	UE	1	2	2	30	TB	1
BPR6PT	Internship	PT	0,5	30	15	225	BPR	16
BA6PT	Bachelor Thesis	PT	0,5	30	15	225	BA	4,5
BPR6PR	Bachelor Examination	PR	0	0	0	0	BA	1
Summenzeile:			9		40	600		30
LVS = Summe SWS*LV-Wochen			135					

Summe über alle Semester:			129		230	3450		180
Summe über alle Semester:			1935					