



Master Civil Engineering

Specialization "Construction Management and Project Management"

1 st Semester (winter)	2 nd Semester (summer)	3 rd Semester
Construction Costs - Controlling	Supplementary Work and Construction Interferences	
Building Processes 2	Elective Project (BBPM, KPTA, MKTB or PIPL)	
Elective Module Area Project Managem	nt Elective Module	Master Thesis with Colloquium
Elective Module	Elective Module	
Elective Module	Elective Module	





	IE HOCHSCHULE MITTELHESSEN		
	ive Modules of the specialization struction Management"	Pt.	CrP
	Tendering, Awarding of Contracts and Accounting M		6
ent	Civil Engineering Management Project (BBPM)		6
geme	Construction Logistics		6
anaç	Visiting Construction Sites		6
Area Project Management	Lean Management		6
	Project Leadership and Project Organization		6
	Expert Practice and Principles		6
	Turnkey Construction		6
	Awarding and Construction Contract Law		6
L.	Preventive and Technical Fire Prevention		6
Area Fire Protection	Fire Prevention in Building Redevelopment		6
Prot	Engineering Methods in Fire Prevention / Fire Prevention Assessment		6
Fire	Engineering Methods in Fire Prevention / Fire Prevention Simulation		6
Area	Fire Protection Planning		6
	Preventive Constructional Fire Protection		6
	Structural Dynamics		6
	Soil Mechanics 2		6
	Bridge Engineering		6
_	Facade Engineering		6
Area Construction	Geotechnical Engineering		6
ıstru	Timber Engineering		6
S C	Numerical Methods for Structural Mechanics		6
Area	Structural Engineering Project		6
	Special Fields of Construction Civil Engineering		6
	Prestressed Concrete		6
	Steel Construction and Stability		6
	Composite Construction		6
	5D Lab – Integration, Coordination and Optimization		6
	BIM 3D – Object-Oriented Modeling		6
	BIM 4D/5D- Cost Management, Scheduling and Tendering (KPTA)		6
∑	BIM 4D/5D Model-Based Calculation, Scheduling and Building Organization (MKTB)		6
Area BIM	BIM 5D Modeling: Technology and Management Basics		6
₹	BIM in Infrastructure		6
	BIM in Structural Planning		6
	Sustainable Building (6D)		6
	Integrated Design Project (PIPL)		6
	Building Informatics M		6
တ္တ	Building Physics Concepts		6
Comprehensive Modules	Renewable Energy		6
	Mathematics		6
ensiv	International Consulting		6
rehe	Parametric Modelling		6
dmo	Project: Approval Planning		6
0	Elective Module (Department Marketing and Communication)		6
	Elective Module (THM)		6





Master Civil Engineering

Specialization "Construction und Structural Design"

1 st S	1 st Semester (winter)		2 nd Semester (summer)		3 rd Semester
Geotechnical	l Engineering		Timber Engineering		
Numerical Me Mechanics	ethods for Structural		Structural Engineering Project		
Special Field Engineering	s of Construction Civil		Composite Construction		Master Thesis with Colloquium
Elective Mod	ule		Elective Module		
Elective Mod	ule		Elective Module		





Electi	E HOCHSCHULE MITTELHESSEN ve Modules of the specialization struction und Structural Design"	Pt.	CrP
	Tendering, Awarding of Contracts and Accounting M		6
	Civil Engineering Management Project (BBPM)		6
Area Project Management	Construction Costs - Controlling		6
	Construction Logistics		6
ager	Visiting Construction Sites		6
Man	Building Processes 2		6
ject	Lean Management		6
a Pro	Expert Practice and Principles		6
Area	Turnkey Construction		6
	Supplementary Work and Construction Interferences		6
	Project Leadership and Project Organization		6
	Awarding and Construction Contract Law		6
ч	Preventive and Technical Fire Prevention		6
Fire Protection	Fire Prevention in Building Redevelopment		6
Prot	Engineering Methods in Fire Prevention / Fire Prevention Assessment		6
Fire	Engineering Methods in Fire Prevention / Fire Prevention Simulation		6
Area I	Fire Protection Planning		6
٩	Preventive Constructional Fire Protection		6
_	Structural Dynamics		6
ction	Soil Mechanics 2		6
ıstru	Bridge Engineering		6
Area Construction	Facade Engineering		6
Area	Prestressed Concrete		6
	Steel Construction and Stability		6
	5D Lab – Integration, Coordination and Optimization		6
	BIM 3D – Object-Oriented Modeling		6
	BIM 4D/5D- Cost Management, Scheduling and Tendering (KPTA)		6
Σ	BIM 4D/5D Model-Based Calculation, Scheduling and Building Organization (MKTB)		6
Area BIM	BIM 5D Modeling: Technology and Management Basics		6
Ā	BIM in Infrastructure		6
	BIM in Structural Planning		6
	Sustainable Building (6D)		6
	Integrated Design Project (PIPL)		6
	Building Informatics M		6
Se	Building Physics Concepts		6
odule	Renewable Energy		6
e M	Mathematics		6
Comprehensive Modules	International Consulting		6
orehe	Parametric Modelling		6
Somp	Project: Approval Planning		6
	Elective Module (Department Marketing and Communication)		6
	Elective Module (THM)		6





Master Civil Engineering
Specialization "Fire Protection"

1 st Semester (winter)	2 nd Semester (summer)	3 rd Semester
Preventive and Technical Fire Prevention	Fire Prevention in Building Redevelopment	
Engineering Methods in Fire Prevention / Fire Prevention Simulation	Engineering Methods in Fire Prevention / Fire Prevention Assessment	
Preventive Constructional Fire Protection	Fire Protection Planning	Master Thesis with Colloquium
Elective Module	Elective Module	
Elective Module	Elective Module	





	ve Modules of the specialization Protection"	Pt.	CrP
	Tendering, Awarding of Contracts and Accounting M		6
	Civil Engineering Management Project (BBPM)		6
	Construction Costs - Controlling		6
Area Project Management	Construction Logistics		6
	Visiting Construction Sites		6
	Building Processes 2		6
	Lean Management		6
a Pro	Supplementary Work and Construction Interferences		6
Are	Project Leadership and Project Organization		6
	Expert Practice and Principles		6
	Turnkey Construction		6
	Awarding and Construction Contract Law		6
	Structural Dynamics		6
	Soil Mechanics 2		6
	Bridge Engineering		6
_	Facade Engineering		6
ıctior	Geotechnical Engineering		6
Area Construction	Timber Engineering		6
S	Numerical Methods for Structural Mechanics		6
Area	Structural Engineering Project		6
	Special Fields of Construction Civil Engineering		6
	Prestressed Concrete		6
	Steel Construction and Stability		6
	Composite Construction		6
	5D Lab – Integration, Coordination and Optimization		6
	BIM 3D – Object-Oriented Modeling		6
	BIM 4D/5D- Cost Management, Scheduling and Tendering (KPTA)		6
∑	BIM 4D/5D Model-Based Calculation, Scheduling and Building Organization (MKTB)		6
Area BIM	BIM 5D Modeling: Technology and Management Basics		6
₹	BIM in Infrastructure		6
	BIM in Structural Planning		6
	Sustainable Building (6D)		6
	Integrated Design Project (PIPL)		6
	Building Informatics M		6
S	Building Physics Concepts		6
odulk	Renewable Energy		6
Comprehensive Modules	Mathematics		6
ensiv	International Consulting		6
orehe	Parametric Modelling		6
Comp	Project: Approval Planning		6
S	Elective Module (Department Marketing and Communication)		6
	Elective Module (THM)		6





Master Civil Engineering
Specialization "5D BIM – Virtual Design and Construction"

1 st Semester (winter)	2 nd Semester (summer)	3 rd Semester
BIM 5D Modeling: Technology and Management Basics	5D Lab – Integration, Coordination and Optimization	
BIM 3D – Object-Oriented Modeling	Sustainable Building (6D)	
BIM 4D/5D- Cost Management, Scheduling and Tendering	BIM 4D/5D Model-Based Calculation, Scheduling and Building Organization	Master Thesis with Colloquium
Elective Module	Elective Module	
Elective Module	Elective Module	





Electi "5D E	ve Modules of the specialization IIM – Virtual Design and Construction"	Pt.	CrP
	Tendering, Awarding of Contracts and Accounting M		6
Area Project Management	Civil Engineering Management Project (BBPM)		6
	Construction Costs - Controlling		6
	Construction Logistics		6
	Visiting Construction Sites		6
Man	Building Processes 2		6
oject	Lean Management		6
a Pro	Supplementary Work and Construction Interferences		6
Area	Project Leadership and Project Organization		6
	Expert Practice and Principles		6
	Turnkey Construction		6
	Awarding and Construction Contract Law		6
u	Preventive and Technical Fire Prevention		6
Fire Protection	Fire Prevention in Building Redevelopment		6
Prot	Engineering Methods in Fire Prevention / Fire Prevention Assessment		6
Fire	Engineering Methods in Fire Prevention / Fire Prevention Simulation		6
Area I	Fire Protection Planning		6
4	Preventive Constructional Fire Protection		6
	Structural Dynamics		6
	Soil Mechanics 2		6
	Bridge Engineering		6
_	Facade Engineering		6
Area Construction	Geotechnical Engineering		6
ıstru	Timber Engineering		6
Cor	Numerical Methods for Structural Mechanics		6
Area	Structural Engineering Project		6
	Special Fields of Construction Civil Engineering		6
	Prestressed Concrete		6
	Steel Construction and Stability		6
	Composite Construction		6
>	BIM in Infrastructure		6
Area BIM	BIM in Structural Planning		6
Are	Integrated Design Project (PIPL)		6
	Building Informatics M		6
S	Building Physics Concepts		6
anpo	Renewable Energy		6
Comprehensive Modules	Mathematics		6
nsiv	International Consulting		6
rehe	Parametric Modelling		6
omp	Project: Approval Planning		6
0	Elective Module (Department Marketing and Communication)		6
	Elective Module (THM)		6