

# Construction and Real Estate Management



## Master's Programme

### Eligibility Requirements and Admission

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- very good knowledge in English language
- successfully completed a first academic degree in Construction Engineering or Architecture

### Standard Period of Study

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- four semesters
- the study starts in winter semester

### Qualification

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Master of Science

### Credit points to obtain

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120 Credit points (cp)

### Information material for study applicants

study advisory board

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# The Master's Programme Construction and Real Estate Management

## Study

HTW Berlin and Helsinki Polytechnic STADIA jointly run the international master programme ConREM - Construction and Real Estate Management. The programme, which is taught completely in English, provides a combination of engineering, economics, management and communication. ConREM is designed for professionals in the field of architecture and civil engineering who wish to manage international projects for building construction and real estate in the future. Understanding for different cultures shall be aroused as an essential qualification to cooperate in a global market in a leading position. ConREM strengthens students to adapt to foreign environments and to become acquainted with different mentalities and habits.

The master's programme has duration of four semesters (regular study period) with one semester obligatory abroad. It commences with the first one in Berlin. The second semester is an intensive virtual project study which is done as blended eLearning. The third semester takes place in Helsinki and in the fourth one the master exam is done, which consists of written master thesis and colloquium. After four semesters graduates are equipped to successfully perform in leading positions in the operating and strategic business, in areas like project development, project management and the delivery of engineering services in the field of construction and real estate management.

- **1. semester**

attendance study in Berlin, Germany

- **2. semester**

virtual project studies, distance education

- **3. semester**

attendance study in Helsinki, Finland

- **4. semester**

master exam (written master thesis and colloquium)

## Career Opportunities

The successful graduation of ConREM enables to leading positions in the operating and strategic business of

Engineering services (e.g. consulting engineer), Project engineering and project management, Facility management or Real estate engineering and management.

## Location

### Campus Wilhelminenhof

Wilhelminenhofstraße 75 A  
12459 Berlin

### Office

Fon +49 30 5019-2683/2981

### Homepage of Study department

[www.f2.htw-berlin.de/](http://www.f2.htw-berlin.de/)

# The Master's Programme Construction and Real Estate Management

## Study plan

Master's Modules	Type	1st Semester			2nd Semester		
		Form	SWS	LP	Form	SWS	LP
1.1 Life Cycle Management (Facility Management)	P	SU	4	5			
1.2 Project Development and Project Management	P	SU/Ü	3/1	5			
1.3 International Tendering, Construction and Real Estate Contract Administration	P	SU	4	5			
1.4 Financial Mathematics and Management Information System	P			5			
1.4.1 Financial and Investment Planning		SU	2				
1.4.2 Management Information Systems		SU	2				
1.5 Research and Communication Skills	P	Ü	3	4			
1.6 Business English	P	Ü	4	4			
1.7 German Culture	P	SU	1	2			
2.1 Advanced Mathematical Methods in Economics and Management (Stadia)	P				eL	5	5
2.2 Sustainable Development in Construction and Real Estate Management	P				eL	5	5
2.3 Product Modelling (Stadia)	P				eL	5	5
2.4 International Business (HTW Berlin)	P				eL	5	5
2.5 Real Estate Technology (HTW Berlin)	P				eL	5	5
2.6 Project Work: International Management (HTW Berlin)	P				eL	5	5
<b>Total</b>			<b>16/8</b>	<b>30</b>		<b>30</b>	<b>30</b>

### Teaching Form:

SU= Seminar-based teaching/ lectures

Ü= Exercises/seminars

eL= eLearning/internet-based learning

### Module Type:

P= Compulsory module

WP= Compulsory optional module

SWS= Weekly study hours

LP= Credits (ECTS)

### Note:

One credit represents a student workload of thirty 60-minute hours. One weekly study hour equates to eighteen 60-minute hours which require students' attendance. Workload which is not explicitly linked to the acquisition of credits awarded is intended for self-study or project work (in the second semester). In addition to compulsory attendance sessions, students shall receive support from teaching staff delivered via a media platform for the hours stated above.

The first semester is to be completed at HTW Berlin and the third semester at Helsinki Polytechnic (Stadia). The second semester is designed as a project semester conducted via eLearning and is delivered by both universities as stated. The modules delivered at Stadia including the examinations are to be taken in the first half of the semester and those delivered at the HTW including the examinations are to be taken in the second half of the semester.

The master's thesis including the oral presentation comprises a workload amounting to 30 credits x 30 hours = 900 hours. Its maximum time allowed for completion of the thesis is 20 weeks.

**1. Semester** – attendance study in Berlin, Germany

**2. Semester** – virtual project studies, distance education

# The Master's Programme Construction and Real Estate Management Study plan

Master's Modules	Type	3rd Semester			4th Semester		
		Form	SWS	LP	Form	SWS	LP
3.1 Life Cycle Analysis	P	SU	4	5			
3.2 International Site Management	P	SU/Ü	3/1	5			
3.3 Renovation and Reconstruction	P	SU/Ü	3/1	5			
3.4 Applied Product Modelling	P	SU/Ü	3/1	5			
3.5 Compulsory Optional Additional Courses	WP	SU	4	4			
3.6 Leadership and Social Competence	P	SU	1	2			
3.7 Intercultural Working and Cooperation	P	SU/Ü	1/1	2			
3.8 Finnish Culture	P	SU	1	2			
4.1 Master's Thesis and Colloquium	P						30
<b>Total</b>			<b>20/4</b>	<b>30</b>			<b>30</b>

## Teaching Form:

SU= Seminar-based teaching/lectures

Ü= Exercises/seminars

eL= eLearning/internet-based learning

## Module Type:

P= Compulsory module

WP= Compulsory optional module

SWS= Weekly study hours

LP= Credits (ECTS)

## Note:

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The first semester is to be completed at HTW Berlin and the third semester at Helsinki Polytechnic (Stadia). The second semester is designed as a project semester conducted via eLearning and is delivered by both universities as stated. The modules delivered at Stadia including the examinations are to be taken in the first half of the semester and those delivered at the HTW including the examinations are to be taken in the second half of the semester.

The master's thesis including the oral presentation comprises a workload amounting to 30 credits x 30 hours = 900 hours. Its maximum time allowed for completion of the thesis is 20 weeks.

**3. Semester** – attendance study in Helsinki, Finland

**4. Semester** – master exam (written master thesis and colloquium)

## The Master's Programme Construction and Real Estate Management Additional Courses

Additional Courses		LP
WP1	Business English 2	4
WP2	Finnish Language	4
WP3	Corporate Real Estate Management	4
WP4	Selected Insights into Construction and Real Estate Management	4
WP5	Information Systems in Construction and Real Estate Management	4

At least two courses shall be offered for selection each semester. Students must select one of the compulsory optional modules.

Further compulsory optional modules may be offered.

# The Master's Programme Construction and Real Estate Management Eligibility Requirements and Admission (Extract)

## § 3 Eligibility Requirements

(1) The Construction and Real Estate Management master's course is consecutive to the Civil Engineering and Architecture bachelor's courses.

(2) Successful applicants for the master's course of study must:

- a) have successfully completed a first academic degree with at least 180 credits;
- b) have successfully completed a bachelor's or Diplom course in civil engineering or architecture or, at least, have successfully completed a bachelor's or Diplom course in a related subject area, and;
- c) be able to demonstrate "good knowledge of English" to CEF (Common European Framework of Reference for Languages) level B2 at the least.

The selection committee shall determine comparability for point b).

## § 4 Application Deadlines and Procedures

(1) To be considered for admission, complete applications must reach the responsible department at HTW Berlin by the 15<sup>th</sup> of July of the year for matriculation to the winter semester onwards. Applicants who miss the application deadline or fail to submit a complete application with all necessary documentation may only be eligible for a study place if such places are available after the regular admission procedure has been completed.

(2) Applications for the Construction and Real Estate Management master's course may only be set in the way by the HTW. All evidence, authenticated copies or grade transcripts should be provided in English unless they were published in German. Complete application documentation comprises:

- a) for eligibility to the course:
  - A copy of the applicants' passport or national identity card (as evidence of identity).
  - Evidence detailing fulfilment of the eligibility

requirements as per § 3 of these regulations in connection with §§ 5 and 6 of the relevant valid edition of the HTW Berlin Schedule of General Regulations. Grade transcripts should be included in the form of authenticated copies.

- Evidence of the number of credits completed from the first terminal higher education degree.
- The language prerequisites are a good command of English, which have to be given evidence of by handing in a certificate stating at least the level B2 of the Common European Framework of Reference for Languages. The recognised levels comprise the following:

- 1. Cambridge ESOL exams:** FCE
- 2. Cambridge Business exams:** BEC Vantage
- 3. TOEFL:** 500 (paper-based),  
170 (computer-based), 60 (internet-based)
- 4. IELTS:** Level 5
- 5. UNICert:** UNICert II – General,  
Business or Technical English

Language test results should be evidenced in the form of authenticated copies and may not be more than two years old. Evidence of language aptitude is not required of applicants whose mother tongue is English. In the case of applicants who can prove that they have studied a course conducted in English at a foreign university for at least one year, or who have graduated with a complete English-language degree in either Germany or Finland, the selection committee can likewise waive the evidence of language aptitude requirement.

b) For admission to the course as per § 6 and § 7 of these regulations:

- Evidence of the grade point average from the first terminal higher education degree;
- If applicable, evidence of relevant professional experience with reference to the course content of the Construction and Real Estate Management master's course;

- A tabular overview of academic education to date, and of professional occupation;
- A statement detailing personal motivation to study and individual study aims;

- Letters of recommendation from two higher education tutors;

- An independently formulated exposition on the content and purpose of academic assignments at master's level at universities and polytechnics (to a length of at least two pages).

### § 6 Selection Procedures

(1) In so far as an admissions limit is established for the course, admission is granted according to the following regulations.

(2) The awarding of study places on the Construction and Real Estate Management master's course is performed according to the following selection criteria, which are combined to produce a score for each applicant:

a) Grade of the first academic higher education degree qualification (grade point average) as factor  $X_1$ .

b) Evidence of additional professional experience/ qualifications as factor  $X_2$ .

(3) Selection of applicants is performed on the basis of a ranking which is derived from the results of the criteria outlined in section 2 as per the formula  $X = 0.6 (X_1) + 0.4 (X_2)$ . In the event that this process yields the same result for more than one applicant, the statement of personal motivation to study and study aims together with the letters of recommendation from university tutors shall determine selection.

(4) The proportion for the selection procedure as per (2) is 100%.

### § 7 Implementation of Selection Procedures and Selection Criteria

(1) Grading of qualifications (grade point average) is performed according to the following scheme:

Criteria: Grade point average	Point/Factor $X_1$
1,0	36
1,1	30
1,2	25
1,3	21
1,4	18
1,5	16
1,6	14
1,7	12
1,8	11
1,9	10
2,0	9
2,1	8
2,2 – 2,3	7
2,4 – 2,5	6
2,6 – 2,8	5
2,9 – 3,2	4
3,3 – 3,7	3
3,8 – 4,0	2

(2) Assessment of periods of relevant professional experience and additional qualifications in connection with the Construction and Real Estate Management master's course content is performed by the selection committee according to the following criteria:

<b>Criteria: relevant professional experience *</b>	<b>Points/ Factor <math>X_2</math></b>
Subject-specific internship in a foreign country lasting at least 16 weeks	2
Relevant professional experience in a foreign country of at least 12 months	5
Relevant professional experience in a foreign country of at least 6 months	3
Completed relevant vocational training programme graded as "very good"	2
Completed relevant vocational training programme graded as "good"	1
Relevant professional experience** lasting at least 36 months	10
Relevant professional experience** lasting at least 12 months	5
Relevant course of study completed in a foreign country	5
Relevant semester spent abroad	3
Language certificate at CEF level C2	12
Language certificate at CEF level C1	8
Insufficient exposition on contents and aims of academic work	-10
Maximum points achievable:	36

\*) The subcriteria listed in the table together in one box are considered as one unit whose points can only be awarded once. In the event that several pieces of evidence are provided in one area, only the highest points assigned may be awarded.

\*\*\*) Upon graduation from the first academic higher education degree.

All criteria pertaining to experience in a foreign country exclude applicants' respective countries of origin.