

# M.Sc. Master of Integrated Architectu- ral Design (MIAD) \

## Detmold School of Architecture and Interior Architecture

### Profile \ A full time Master programme in four semesters

Planning practices are measured more than ever by the principles of sustainability. This includes conserving resources by preserving and improving the structure of buildings, as well as developing new buildings that are energy-efficient and consume fewer resources. Moreover, digital technology has changed almost all areas of architecture, from design, planning and assembly to completion and has contributed new aspects to classic job profiles. The consecutive masters programme for Integrated Architectural Design (MIAD) responds to these requirements by prioritising in a holistic architectural education the fields of energy efficiency and the saving of resources during the processes of designing, planning and construction; in particular by applying the theoretical and practical knowledge of digital analysis -, design-, planning-, and manufacturing methods. This prepares students for handling all types of architectural work, as well as for scientific work and inter-professional collaborations.

**Linking with the masters course for Integrated Design (MID) and the masters course for Interior Architecture - Spatial Art (MIAR):** with design-oriented architectural project studies, creativity will be imparted with a high level of social and intellectual maturity. In addition, students will gain practice-oriented and theoretical research-based experience, and will develop the ability to participate in dialogue and work as part of a team in the process of common dialogue. The linking with the MID's Facade Design and Computational Design specialisations and the MIAR, as well as the cooperation between the university and external partners, offers the students opportunities to qualify for interdisciplinary, international and increasingly digitally supported fields of work. The MIAD is offered as a full-time degree course. Standard period of study: 4 semesters. Language: German, with a few modules in English.

### Master's degree \ Internationally recognized

Students graduating from this master's degree course will earn the "Master of Science" (M. Sc.) degree which is internationally recognized. With the relevant background the degree provides the qualification to practice as architect and also gives access to doctoral studies. The degree qualifies for a position in the senior public service.

### Job prospects \ From planning offices to research institutes

The MIAD qualifies graduates for positions in the private commercial sector as well as for the public sector.

Job sectors include in particular architectural offices, engineering and planning offices as well as the construction industry, research institutes and universities. Other possibilities are also in specific technological fields, such as studies in software application and simulation technology, the research in new manufacturing methods, of construction or material innovation; these areas are covered in particular in the specialised modules with changing themes and best-practice examples.

### Applications \ Apply by 31 March

#### Admission requirements:

- \- Bachelor or Diploma degree in Architecture
- \- Portfolio
- \- motivational letter
- \- possibly a selection interview
- \- proven knowledge of German and/or English

#### Admission procedure:

- \- The programme always commences with the winter semester.
- \- Applications from students of EU and non-EU countries have to be submitted by 31 March of the respective year with the necessary documents.
- \- Non EU-applicants please apply at: <http://www.uni-assist.de/service-portal.html>. Find the master's application form using the search engine: Master; Lemgo, Technische Hochschule Ostwestfalen-Lippe.
- \- As EU-applicant/German please send your application to Technische Hochschule Ostwestfalen-Lippe, Dekanat FB 1, Emilienstrasse 45, 32756 Detmold, Germany, Tel.+49 (0) 5231-769 6052.

**Contact \ Detmold School  
of Architecture and Interior  
Architecture \ Emilienstr. 45,  
32756 Detmold, Germany \**  
[www.th-owl.de/design](http://www.th-owl.de/design)

**Student Advisory Service \**  
**T: +49.5261.702-2535 \**  
**[studienberatung@th-owl.de](mailto:studienberatung@th-owl.de)**  
**International Students:**  
**Maryse Niemeier \**  
**International Office Detmold**  
**\+49 5231 769 6091 \**  
**[maryse.niemeier@th-owl.de](mailto:maryse.niemeier@th-owl.de)**

**Open Day with student  
counselling \ please  
check our webpage**  
**[www.th-owl.de/design](http://www.th-owl.de/design)**

Status as of: 18.04.2019

### Curriculum \ Architectural Design

Module Compulsory modules/Compulsory subjects	Reference	Sum		Semester / SWS							
		SWS	CR	1		2		3		4	
				L	S	L	S	L	S	L	S
<b>Core Modules</b>											
Digital Tools and Methods 1	MIAD C 1	4	6	2	2						
Construction and Dimensioning	MIAD C 2	4	6	2	2						
Digital Tools and Methods 2	MIAD C 3	4	6			2	2				
Conference and Communication	MIAD C 5	1	6							1	
<b>Project Modules</b>											
Urban Design	MIAD P 1	5	12	1	4						
Integrated Building Design	MIAD P 2	5	12			1	4				
Contextual Design	MIAD P 3	5	12					1	4		
<b>Specialised Modules</b>											
Urban Design Methods	MIAD S 1	4	6	2	2						
Re-Use	MIAD S 2	4	6			2	2				
Sustainable Construction	MIAD S 3	4	6					2	2		
Theory and Scientific Methods	MIAD S 4	4	6			2	2				
<b>Elective Modules</b>											
Elective from catalogue	MIAD E 1-8	4	6					1	3		
Master thesis, presentation and colloquium	MIAD T		30								x
Sum SWS		48									
Sum CR			120								


L=Lecture S=Seminar CR=Credits SWS=Semester weekly hours WPF=Compulsory elective subject

### Catalogue of compulsory elective subjects (WPF):

- \- MIAD E1 Specialisation Design
- \- MIAD E2 Specialisation Construction
- \- MIAD E3 Specialisation Programming
- \- MIAD E4 Specialisation Theory
- \- MIAD E5 Specialisation Visualizing
- \- MIAD E6 Technical English II
- \- MIAD E7 Business start-up/Career start
- \- MIAD E8 NN from Master courses at the university







„Spontaneous discussions with my profs, a very well-equipped school, lots of extra offers: Here I am encouraged to find my own areas of interest and to make the most of my talents.”

**\Scarlett Majer**