

MLD \ Master Lighting Design \ Detmold School of Architecture and Interior Architecture

Career prospects and options \ From planning offices to the lighting industry

The career prospects for graduates of this master’s degree course include especially professional architectural, engineering, and planning offices as well as companies in the lighting industry, research institutions, and universities. There are also other technology fields where this training would be useful, such as the investigation of current software applications and simulation technologies in lighting planning, research into new production methods, design and material innovations for lighting design, the importance of visual comfort in interior and exterior spaces, and the energy-saving potential offered by lighting options.

Admission requirements and process \ Apply by 31 March

Admissions requirements:
\- Bachelor’s or other university degree, portfolio, letter of motivation, documented English knowledge, professional experience, possibly an admissions interview.
Admission process:
\- This two-semester course costs €7,000 a semester for a total cost of €14,000. The course begins in 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, Hochschule Ostwestfalen-Lippe.
\- As EU-applicant/German please send your application to Hochschule Ostwestfalen-Lippe, Dekanat FB 1, Emilienstrasse 45, 32756 Detmold, Tel.+49 (0) 5231-769 6052.
Certificate course:
\- Applicants without required academic prerequisites, but with corresponding apprenticeship and professional experience may enrol in the modules and earn a “Graduate Diploma in Lighting Design”. Applications due by 31 March, send to: Hochschule Ostwestfalen-Lippe, International Office, Mrs Maryse Niemeier, Emilienstr  e 45, 32756 Detmold, Germany, +49 5231 769 6091.

Profile \ Research and teaching meet professional, real-world experience

Design and technology:
\- The master’s course is designed to build on the student’s previous studies by offering a focus on relevant, time-tested design and planning methods for lighting solutions whilst teaching the required technical and scientific background reflecting the current state of knowledge.

Scientific questions:
\- In addition to this core focus on architectural lighting, specific courses are offered such Public Light Art, Lighting Design, Advanced Lighting Design, and Urban Lighting which address aspects such as sustainability, ethical conduct, and human-centred design. The primary goal of the master’s course is to qualify students with backgrounds in interior design, architecture, or engineering for the growing interdisciplinary and international field of lighting design and planning.

Real-world collaboration:
\- A particular emphasis is placed on real-world applications and close collaboration with external partners in the lighting industry, software manufacturers, architects, engineering firms, and other universities. That’s why the programme has a long-term partnership with DIAL, the German Institute for Applied Lighting Technologies. DIAL is a modern, independent organisation with international experience in lighting planning and technology and the development of lighting planning freeware with many years’ experience in training lighting planners and with extensive contacts in the international lighting industry and planning sectors. This course delivers a one-of-a-kind combination of well-founded academic education and professional, up-to-date real-world experience.

\- Courses are offered at both campuses Detmold and L  denscheid.

Target group \ Strong international orientation, with instruction in English

\- The master’s in lighting design is offered to graduates with a bachelor’s, master’s or comparable university degree in interior design or other design, planning, or engineering disciplines (such as architecture, urban planning, electrical engineering, industrial design, art, civil engineering, or mechanical engineering) as well as relevant professional experience in building and interior design planning or lighting design and planning.

\- The course has a clear international orientation and is expressly intended to prepare students for work beyond Germany, both in Europe and the rest of the world. All courses are conducted in English.

\- Students that do not meet the prerequisites outlined above may also sign up for course modules. They will be offered the opportunity to earn a „Graduate Diploma in Lighting Design“.

Master’s degree \ Internationally recognised

\- Master’s theses in this course are intended to have as much real-world and research-based focus and interdisciplinarity as possible and students complete their work in collaboration with external partners and/or other departments at the university.

\- Students graduating from this master’s degree course in lighting design will earn the M.Sc. degree.

Contact \ Detmold School for Architecture and Interior Architecture \ Emilienstr. 45, 32756 Detmold, Germany \ www.detmolder-schule.de

For more information \ Mrs. Maryse Niemeier, International Office Detmold \ +49 5231 769 6091 \ maryse.niemeier@hs-owl.de

Open Day with Counselling \ late April-early May, check homepage

Status as of: 12.12.2018

Curriculum \ Required modules and subjects¹⁾

Module / Subject	Reference	Total		Semester / SWS			
		SWS	CR	1 V	1 Ü	2 V	2 Ü
Core Modules							
Lighting Technologies, venue: Lüdenscheid	MLD C1	2	4	1	1		
Inspection, Evaluation, Calculation, venue: Lüdenscheid	MLD C2	2	4		2		
Lighting Design, venue: Lüdenscheid	MLD C3	2	4	1	1		
Urban Lighting, venue: Detmold	MLD C4	2	4		2		
Elective Modules ^{2) 3)}							
Elective Module 1, venue: Detmold	MLD E 1-4	2	4		2		
Elective Module 2, venue: Detmold	MLD E 1-4	2	4			2	
Project Modules							
Advanced Lighting Design, venue: Detmold	MLD P1	4	10	1	3		
Best Practice, venue: Detmold/Lüdenscheid	MLD P2	4	10			4	
Masterthesis							
Masterthesis and colloquium			16			x	
Total SWS		20		14	6		
Total CR			60	30	30		

V=Lecture   =Practical CR= Credits SWS= Semester credit hours 1) In each core- and project module (compulsory subjects) you have to take an exam. 2) Resulting from the exams in the compulsory subjects (elective modules) 8 credits can be earned. 3) see elective modules, find options on the right.



The Detmold School for Architecture and Interior Architecture



DIAL, the German Institute for Applied Lighting Technologies

Curriculum \ Elective Modules

MLD E 1-4
\- Interiors - Exhibition Lighting
\- Public Space - Light Art
\- Product Development - Light fixtures
\- Select from Elective Modules from Master Integrated Architectural Design (MIAD)

Curriculum \ Core and Project Modules

MLD C1 Lighting Technologies (DIAL)
\- Fundamentals of lighting technologies including basics of visual perception, technical lighting and parameters, measurements and control gears.

MLD C2 Inspection, Evaluation and Calculation (DIAL)
\- Fundamentals of laws, regulations and norms for lighting design; perform measurements and software verification of lighting design.

MLD C3 Lighting Design (DIAL)
\- Understand the language of light, the quality of daylight and perception as a factor for lighting design. Analyse architecture and apply lighting strategies.

MLD C4 Urban Lighting (HS OWL)
\- Develop the concept for a lighting masterplan and investigate urban lighting strategies as well as light pollution.

MLD P1 Project Advanced Lighting Design (HS OWL)
\- Enhancement of knowledge gained in the Core Modules by exploring a design application and developing a research project.

MLD P2 Project Best Practice (HS OWL/DIAL)
\- Students will select their own project and develop their lighting design and light scenes. Documentation, visualisation and presentation.

„Lighting Design is a challenging new discipline in the field of light specialisation. The master course offers good job prospects.“

