

PLD-R AWARD FOR
EDUCATION 2013

Ma

PROFESSIONAL STUDIES
MASTER PROGRAMME
LIGHTING DESIGN

accredited by
ZEVA

ARCHITECTURAL LIGHTING AND DESIGN MANAGEMENT



WINGS - INTERNATIONAL
WISMAR UNIVERSITY OF APPLIED SCIENCES

MASTER PROGRAMME "LIGHTING DESIGN" COURSE DETAILS AT A GLANCE

- **Degree:** Master of Arts
- **Study approach:** Studying alongside your profession
- **Entry requirements:** Bachelor's degree or equivalent and one year professional experience
- **Study beginning:** winter semester (1st September)
- **Study duration:** 4 semesters
- **Study locations:** Wismar, Berlin, Bangkok
- **Language:** English
- **Fees:** 4,750 Euro per semester including costs for your stay at the study locations

Cover picture: Ara Pacis Museum, Rome / Lighting Design: Fisher, Marantz, Stone

Inside: Hochschule Wismar, Faculty of Design



DEAR READER

Thank you for your interest in our international part-time Master programme "Lighting Design – Architectural Lighting and Design Management" at Wismar University. Our environment is subject to constant change, in which innovations and improvements define the daily life. Even at the workplace a standstill leads to a step backwards. Prepare yourself to face this challenge and start on the path towards your future now! As a part-time student you demonstrate a high level of willingness through your personal commitment and gain a convincing performance to compete in the job market. The higher public education degree Master of Arts from Wismar University guarantees the quality of your education and recognition within the economic and public sectors.

Wismar University offers you a blended learning education tailored to your individual needs at a competitive price - performance ratio. With this brochure we would like to explain in more detail the organization, structure and content of our part-time Master programme „Professional Studies Lighting Design - Architectural Lighting and Design Management“ and assure you of our services. We look forward to welcome you as a part-time student at Wismar University.

Yours Sincerely,

Prof. Dr. jur. Bodo Wiegand-Hoffmeister
President of Wismar University – University of Applied Sciences



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Your WINGS Team:
Individual Student Guidance and Support

1 WINGS - WORK AND STUDY AT WISMAR UNIVERSITY

WINGS – Wismar International Graduation Services – a subsidiary company of Wismar University – University of Applied Sciences (Germany) that offers part-time learning programmes and certifies further education for working professionals. The study programmes are offered in the fields of economy, technology and design through which you can gain a higher public education degree such as a Bachelor, Diploma (FH) or Master. The distance learning centre at Wismar University was founded in 1952. WINGS was based on this and was set up in April 2004. The primary tasks of WINGS are to develop, organise and market the distance learning and further educational programmes under the academic expertise of Wismar University.

Wismar University is an advanced and innovative education and research institution having over 100-years of academic excellence. It is an international University that is practice and business oriented with over 8,000 students studying both on-campus and through distance learning.

Every part-time student is enrolled as a regular student at Wismar University and is extensively and individually supported by WINGS based on his/her particular needs. This strengthens our concept of optimising the students' needs to work in their profession whilst studying and combines the following 4 components: self-study, seminars over selected weekends during the semester, telephone conferences and access to the online-campus database.

Due to several contacts in Europe, the Baltic region, America, Latin America, Asia and in particular South-East-Asia, a variety of intercultural characteristics can be distinctively found in our research and teaching methods. Currently we have students from all over the world who are participating in our part-time study programmes. With more than **4,000 students**, WINGS has become one of the leading „Work and Study“ providers in Germany.





Cha-cha Thé, Taipei / Lighting Design: The Flaming Beacon, Nathan Thompson



2

MASTER PROGRAMME LIGHTING DESIGN ISSUES FOR YOUR DECISION

The international part-time Master programme „**Lighting Design- Architectural Lighting and Design Management**“ at Wismar University supports you individually during your studies. The curriculum is flexible, of high quality and focuses on integration into the individual's professional life. The aim of the **“Architectural Lighting”** modules is to comprehensively train lighting designers. The highly regarded qualifications and skills gained through these studies offer graduates a wide field of activities in lighting design offices, in the lighting industry, in architectural offices and in other related fields. The central capability of a lighting designer, regardless of dealing with daylight or artificial light, is to design the interactions between architecture and light. Students are encouraged to investigate architectural as well as physical and psychological aspects of lighting by using creative and autonomous methods. This is to be done while keeping both the human well-being as well as the standards of sustainable architecture in mind.

In the **“Design Management”** modules students will learn how to set up working groups in the field of Architectural Lighting Design. They will understand the office organization and how to improve project performance. Students will understand market analysis tools, the strategic management approach and they can develop marketing and business plans. “Design Management“ modules also incorporate the concept of design as part of the customer's value chain.

The combination of the two study fields “Architectural Lighting” and “Design Management” is unique. The participants will be provided not only with technological and design expertise but will also experience the customer oriented view of professional practice. Our students will understand the way to successfully develop lighting design concepts incorporating design, ecology and advanced technology. They will be able to adapt these concepts to the diverse global markets. They also will understand the interrelation of design, project management in relation to the customer's needs. By gaining insight into market forces and management tools they will be able to develop competitive benefits for their design ideas as well as for their office organizations. Our professors are appointed from various universities and research institutes and from well known Lighting Design Offices. They are experts in the field of “Architectural Lighting” and “Design Management“, which ensures a high academic quality of our programme. Upon successfully completing the study programme students will acquire the internationally accredited Master's degree Master of Arts (M.A.).

The programme started in 2012 for the first time, but is based on more than 10 years of experience in teaching “Lighting Design” in a Master programme at Hochschule Wismar. In 2013, one year after the initial start of the programme the concept of the course was awarded with the PLD-R award (Professional Lighting Design Recognition) in the category of Education.



Student Excursion 2014

3 CAREER DEVELOPMENT

As a result of the increasing globalization lighting designers have to develop capabilities for their competitive advantage. The advanced design and technologic background and the implementation of this knowledge into design projects will help our graduates to excel with innovative and unique architectural lighting design ideas.

Our graduates will be able to develop successful concepts of architectural lighting design integrating the aspects of economic market forces and including project management strategies. They will be able to deliver advanced integrated design results to enhance their market standing. At the same time they will be prepared to take over responsibility as project manager and head of design teams not only in the field of the design process but also covering the economic aspects of professional practice.

The study programme is suitable for students who want to expand their design activities or specialize in architectural lighting design. It is also appropriate for professionals who already work in the field of lighting design and want to develop their professional career further. As additional benefit you will meet professors, lecturers and students from all over the world with diverse cultural background. You will be able to gain friends in foreign countries and to develop valuable international ties to different markets of the world that can form the foundation of your future international professional network.



Sheraton South Tai Lake Resort Hotel, Huzhou / Lighting Design: LEOX / LKL



Street lighting Skyline, Stralsund, Germany /
Lighting Design: Prof. Römhild, Prof. Andres



Student project installation of light on
museum, Neuruppin, Germany



Collection of minerals, Freiberg, Germany
Lighting Design: L-Plan, Prof. Michael Rohde

4 SCHEDULE AND INFORMATION FOR YOUR INDIVIDUAL STUDY PROGRAMME

The Master programme "Lighting Design - Architectural Lighting and Design Management" comprises 14 modules with 90 ECTS – Credits. The programme incorporates know-how gained from the Wismar University based study programme "Architectural Lighting Design". The curriculum is also enriched by the education concepts "Architectural Lighting Fundamentals" put forth by PLDA (Professional Lighting Design Association). Additional influence is brought by the expertise of WINGS.

Semester 1 Credits (ECTS) 24

The study programme of the first semester starts during September in Wismar and will be completed with seminars and presentations in Berlin during February the following year. It comprises the following modules with its credits listed below.

• Design Criteria	6
• Daylighting	6
• Artificial Lighting	6
• Design Methods I: Conceptual Design	3
• Design Project I: Conceptual Lighting Design	3

Semester 2 Credits (ECTS) 21

The beginning of this term will be taught in Berlin in February immediately after the final presentations of semester 1 and the final seminars and presentations will be held in Bangkok in July.

• Lighting Applications and Sustainability	6
• Strategic Management	6
• Design Methods II: Visualisation and Calculation	3
• Design Project II: Detailed Lighting Design	6

Semester 3 Credits (ECTS) 21

The beginning of this term will be taught in Bangkok in July immediately after the final presentations of semester 2 and the final seminars and presentations will be held in Berlin in February next year.

• Design and Economics	6
• Project Management	6
• Design Methods III: Branding and Marketing	3
• Design Project III: Selected Lighting Design Principles	6

Semester 4 Credits (ECTS) 24

The beginning of this term will be taught in Berlin in February immediately after the final presentations of semester 3 and the final presentation of the master thesis will be held in Wismar in September.

• Thesis Seminar	3
• Master Thesis and Colloquium	21

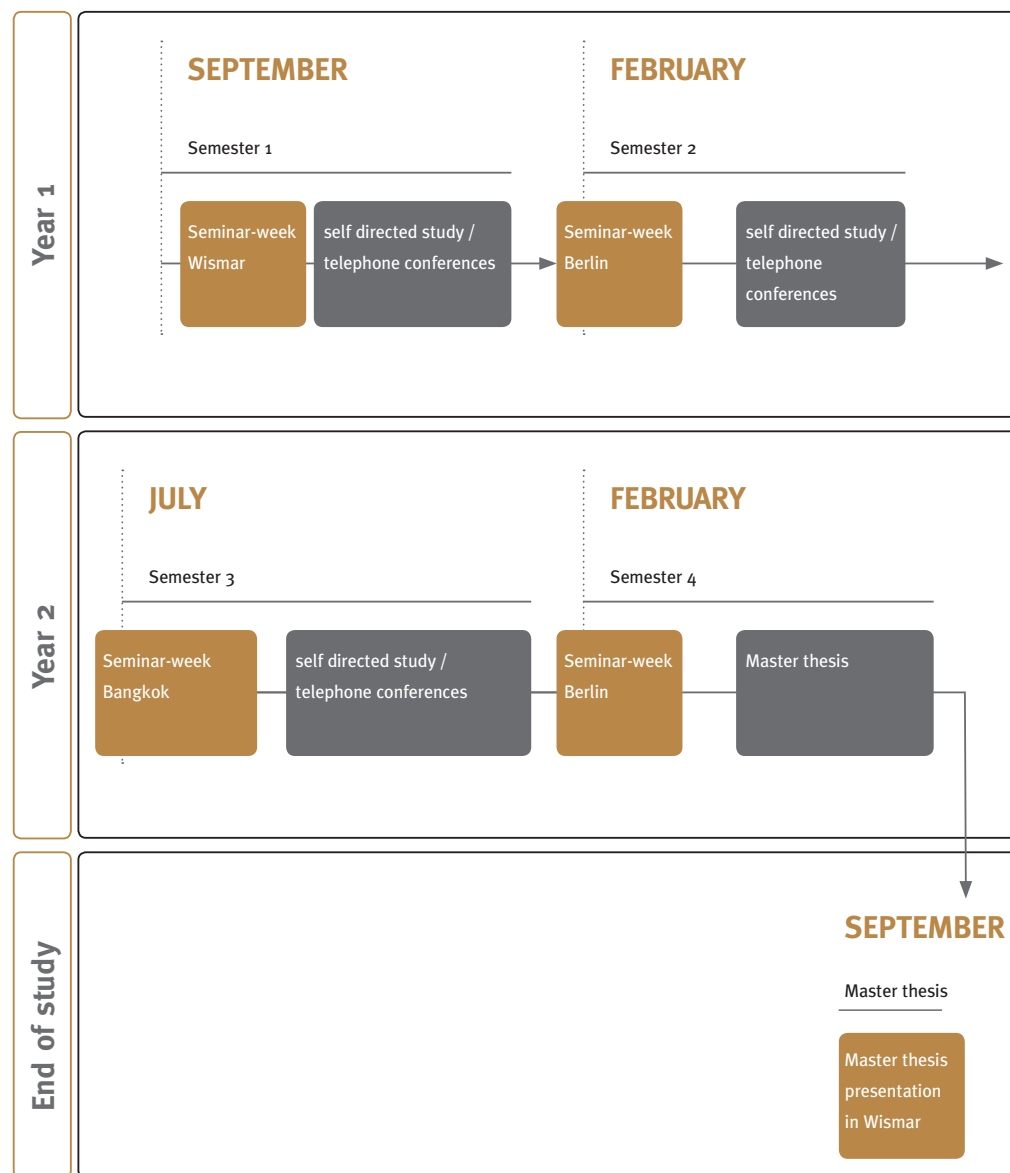


Seminarweeks in: Berlin, Bangkok, Wismar



Seminargroup 2012 on Campus in Wismar

COURSE SCHEDULE OF THE SEMESTER PROGRAMME



SELF-DIRECTED STUDY

At the beginning of the semester you will receive your semester package containing all relevant study materials. This package contains technical books, textbooks and specially designed study guides and instructions and digital presentations from your lecturers. There are also other tools and resources you can use in your professional practice. Through the electronic availability of materials we guarantee the local, temporal and technical independence of your distance learning study.

SEMINARS

Seminars are organised at the beginning and the end of every semester, where you will have the opportunity to discuss in detail any issues with your lecturers, as well as build up a personal network within your study group. The seminars provide additional seminar-style adjusting of the study contents.

TELEPHONE CONFERENCES

Telephone conferences generally assist the preparation and follow-up of the seminars and discussions of examination performances, so you can discuss any issues together with your lecturer as well as your study group.

ONLINE-CAMPUS

Throughout the duration of your study the Online-Campus is available to you for data exchange. In your personal downloading section you will receive all important teaching and study organization information. Here all additional digital teaching materials are placed as well as other tools and practical examples.

GROUP WORK

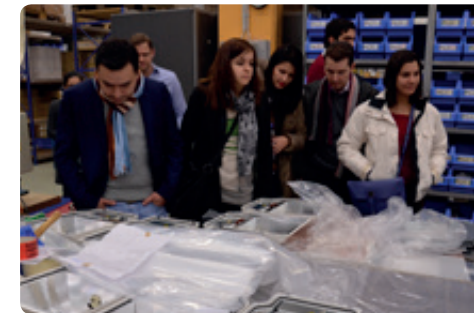
Specific projects or homework will be developed together in small study groups. On one hand this strengthens your contextual understanding and on the other your social competence. The aim is to be able to apply the acquired knowledge to specific examples.

EXAMINATION ACHIEVEMENTS AND MASTER-THESIS

The completion of each module is achieved through a module examination. At the beginning of the semester your lecturer will inform you about the type of examination. Generally it will be an exam, homework or project work.



Post-Tower, Bonn, Germany / Lighting Design: L-Plan, Prof. Michael Rohde



Manufacturer Excursion Berlin February 2014



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COURSE CONTENT DESCRIPTION OF MODULES

MODULE CONTENTS AND OBJECTIVES

Semester 1

Design Criteria

Topics:

- Design Criteria in Architectural Lighting
- Perception of Light
- Physics of Daylight
- Lamp Physics and Features
- Light and Colour
- Light and Space

Contents:

Students are made familiar with the historical background and the present influences on architectural lighting design. Criteria for the design of a lighting concept are developed and distinguished from joining fields such as event lighting.

Laws of visual perception are formulated and their significance for architectural lighting demonstrated.

Lighting units and dimensions are derived. Relationships between light and colour perception as well as light and the perception of space are studied.

The physical characters of daylight and artificial light are compared and their significance for the design process discussed.

The features of various lamps, especially of LEDs, are demonstrated. (A reader is on hand)

Objectives:

Students will be able to characterize the prominent design features of architectural lighting. They are enabled to evaluate a lighting design scheme with regard to given lighting criteria. Students understand the difference between the perception and the physical description of a lighting scheme and are able to characterize the main features of a lighting layout. Finally they can evaluate the interaction of both light and colour as well as light and space.

Daylighting

Topics:

- Physics of Standard Overcast and Clear Sky
- Sunpath Diagrammes
- Interior Lighting from Overcast Sky
- Daylight Factor
- Interior Lighting from Clear Sky
- Design of Shading and Sun Controls

Contents:

The daylight module aims to further deepen the existing understanding of the qualities of daylight. The different theoretical sky models, sun position calculations and the resulting practical consequences are studied in greater detail through practical exercises and assignments.

The components that have an influence on the entry of daylight into buildings such as the size and placement of windows, glazing area, framing ratios and dirt and pollution factors are presented and their impact on the architectural design is discussed in detail.



In the process the students will also be studying the role of positive aspects of natural daylight and the harmful effects of excessive daylight. Energy saving potential and positive effect on health will be compared with problems like adverse effects on thermal comfort, damage to materials due to radiation and the negative effects on visual comfort due to glare.

Objectives:

Students should have the different criteria on hand which will assist them in the optimization of an architectural design. Furthermore the students will understand and learn the design of different shading systems in relation to the position of the sun and according to the different days and time of the year and the possibilities to integrate the solutions in the overall architectural design.

Artificial Lighting

Topics:

- Types of Luminaires
- Design Strategies Indoor and Outdoor
- Lighting Concepts
- Luminaire Layout
- Lighting Calculation and Measurement
- Simulation and Rendering

Contents:

Optical systems for controlling daylight and lamp's luminous flux are studied and demonstrated for daylight controls and luminaires. Students learn the design of optical systems for different lamp types to achieve a specific light distribution including gene-

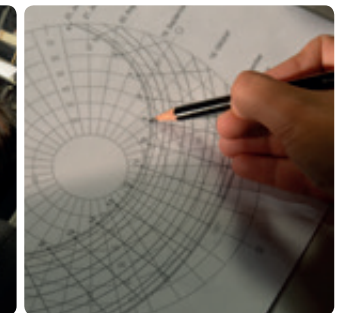
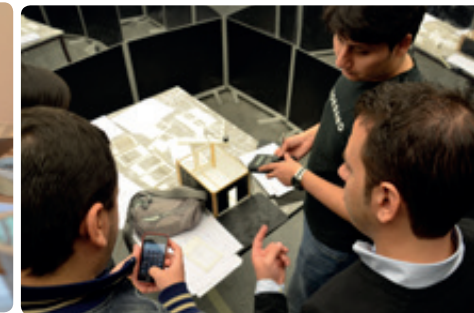
ral lighting, washlighting and accent lighting. Design principles for orientation lighting and media lighting are learned. Recommendations for the layout of luminaires are developed in order to optimize the lighting performance in a given space. Methods for estimates of mean illuminations as well as point by point calculations are developed and applied. Lighting measurements are demonstrated. The difference between simulation and rendering will be explained and the benefits from both sides shown. (A reader is on hand)

Objectives:

For a given lighting design the students will gain the ability to describe the required light distribution for luminaires and to specify the adequate optical system. Furthermore they are able to develop an adequate lighting concept for a specific type of use. Those surroundings include spaces like

- Foyers
- Offices
- Conference rooms
- Cafes and Bistros
- Museums
- Sales areas etc.

Students will demonstrate their ability to optimize a lighting layout and to dimension the installation for a required illumination level and luminance level. Finally the students are able to verify their designs by measurements.



Design Methods I: Conceptual Design

Contents:

The completion of this module „Design Methods“ will help the students to develop various strategies to start a design process. When designing with an intangible design element like light, similar working principles must be applied as in other design processes. Since light reacts essentially on the space to be designed as interpretation of existing features, other priorities have to be set in the design of light. In the first semester three different approaches will be investigated. These will later serve as the basis for a student to develop an independent design process. Different exercises like a 1:1 and 1:50 mock-up will help the students to apply an analytical and typological approach for designing spaces. Besides having a hands-on opportunity to work with light, there is also the possibility to extend the lighting design „vocabulary“ through analytical documentation.

Design Project I : Conceptual Lighting Design

Contents:

A specific surrounding of a given architecture or a virtual architecture is given. For this surrounding either a complete renovation of the lighting system has to be developed or – like with virtual architecture – a new lighting concept has to be designed.

For both situations the conceptual design will comprise :

- Artificial Lighting of the interior or part of the interior

- Artificial Lighting of the exterior or part of the exterior, like façade lighting etc.
- Daylighting of the interior or part of the interior, including the conceptual design of daylight controls.

Conceptual designs of the Artificial Lighting comprise the selection of lamp types and corresponding luminaires together with details of the type of mounting. It covers the luminaire layout as well as the estimate of the electric power to be installed.

The final presentation shows the lighting strategies by section drawings and perspective views with corresponding light distributions.

Semester 2

Lighting Applications and Sustainability

Topics

- Analysis and Abstraction of Lighting Problems
- Schematic Solution Design for Combining Daylight and Artificial Light
- Criteria for Sustainable Buildings
- Criteria for Sustainable Lighting

Contents

Typologies of lighting requirements with respect to technical, perception and cultural considerations will be developed through analysis and design. An understanding for the relationship between lighting design and building climate will be gained. In particular, consideration for the energy usage of a sustainable lighting design and the integration with the concept for energy usage in the building will be acquired.



CEIBS, Beijing Campus / Lighting Design: LEOX

Objectives

Students learn how the relationship between usage typologies and criteria for lighting influences the sustainability of the application in a specific lighting design. They understand the impact of lighting on climate and building design accordingly to sustainable criteria. They learn how to calculate and to demonstrate the relevant criteria to reach a certain level in evaluation of buildings. They will develop solutions in detail and present them visually.

Strategic Management

Topics

Developing strategic approaches to ensure the market success of lighting design projects and economic success of a lighting design office.

Contents

Based on scientific methodologies, a strategic concept for an architectural lighting office will be developed and presented in the form of a business plan. The following stages will be demonstrated:

- Analysis of Customer Needs
- Management Philosophy
- Strategy Development
- Implementation Concepts
- Business Plan

Objectives

Students will be able to analyze markets and customer needs. They will get the tools to autonomously and independently develop strategic concepts for an architectural lighting design office. It will give the students the benefit to understand the broader strategic and economic view to start or run an architectural lighting design department or office.

Design methods II:

Visualisation and Calculation

Topics

- Lighting Typology
- Methods for Calculation and Visualisation

Contents

The design task should be classified typologically and the associated design parameters should be developed. The skill of presentation with visualisation programmes and calculations for various lighting parameters will be demonstrated with concrete examples.

Objectives

- Prepare the fundamentals of an independent approach to design work
- Evaluate lighting designs using mathematical concepts
- Demonstrate design results visually

Design Project II:

Detailed Lighting Design

Topics

- Usage-Aligned Design
- All steps of the Design Process
- Critical Discussion of the results
- Presentation skills

Contents

Students will learn about design possibilities with light through a specific planning task that incorporates their own creative goals. Typology will be the starting point for the development of the design. The design will be evaluated for technical feasibility using theoretical, mathematical and experimental methods.



CEIBS, Beijing Campus / Lighting Design: LEOX

Objectives

The goal is to identify and apply discrete steps in the process for lighting design. By working out a project from the beginning conceptual design to the final tenders for the realization of the lighting project the students can develop their own design methodology further.

Semester 3

Design and Economics

Topics

This module will cover selected economic success factors like the human factor contributing to a successful design, the value added chain in real estate and financial statements as part of the business plan.

Contents

Students will learn to apply relevant scientific and business analysis tools as contributors to the success of an architectural lighting design office:

- Effective Teamwork
- Organizational Behavior
- HRM
- Design Management from Industrial Crafts to Design Futures with a Global Perspective
- Financial Statements

The contents will be practiced in a case study covering a stake holder analysis and financial statements based on the business plan concept of the strategic management module.

Objectives

Students will get the ability to autonomously and independently apply knowledge concerning strategic team composition, product design management and financial management in practice. They will under-

stand the potential of design as part of the value added chain in real estate. One special benefit of this module is the focus on the human factor in successful design development analyzing the differing values, expectations and needs of all stakeholders involved.

Project Management

Topics

- Process and project management in national and international contexts

Contents

The following relevant skills for successful national and international project management will be developed and applied:

- International project management
- Intercultural communication
- Project implementation
- Project coordination
- Flow chart analysis

Objectives

Students will learn soft and hard skills of successful national and international project management. A specific benefit of this module will be its focus on intercultural knowledge, as proficiency in this field often determines failure or success in international projects. In addition students will get firsthand information about cultural influence in decision making processes through our multinational participants.

Design Methods III:

Workshop Branding and Marketing

Topics

- Symbolic Significance of Light
- Branding Through Light



Contents

Several topics with significance for resolution in the design process will be covered. Additionally, the cultural background of the students will assist in understanding cultural influence on design. The importance of lighting as a marketing tool will also be considered.

Objectives

Being aware of light symbolism the students will be able to develop atmospheres for unique situations. They will appreciate the influence of different forms of lighting on particular environments to create distinctive scenarios which serve to form a brand image for example of cities, locations or stores.

Design Project III:

Selected Lighting Design Principles

Topic

- Architectural Design Project

Contents

This design project will enable students to use light in support of the architectural character and socio-cultural backdrop of a building. The nature of light and the skill to methodically manipulate its use in design will be reinforced. Ability to realise specific design goals will be learned using a creative analogy as a starting point. The feasibility of the design should be evaluated using theoretical, mathematical or experimental methods.

Objectives

Goal is the attainment of key skills for mastery of the design process in lighting design. A strong command of design methods, design techniques and presentation skills should be achieved.

Semester 4

Thesis Seminar

Topic

- Master thesis preparation

Contents

The focus of this seminar involves the preparation of each student's individual topic for presentation in the form of a Master thesis. The content will, therefore, be governed by the topics chosen. Principles of scientific work including methods and presentation will also be introduced.

Objectives

Students will be prepared to structure the theme, to choose the right methods and to develop the presentation of the Master thesis

Master Thesis and Colloquium

Topic

Editing the thesis for obtaining the title of „Master of Arts“. The identification of themes of the thesis takes place in consultation with the supervisor taking into account the following points:

- Classification in the course
- Scope
- Scientific claim
- Practical relevance
- Sufficient presence of appropriate literature

The colloquium addresses the topic of the thesis and relating to questions regarding the study content. The thesis is a design task or a theoretical discussion of current issues from a part of the field of Lighting Design.

Objectives

Students will show the ability to solve a design task or a scientific approach on their own. The presentation will show the professional skills.



Nokia Flagship Store, Shanghai, China / Lighting Design: LEOX



Merck-Serono, Geneva, Switzerland / Lighting Design: L-Plan, Prof. Michael Rohde



6 LECTURERS PROFESSORS

CHOKEANAND BUSSRACUMPAKORN, DR.

Design Management
KMUTT Bangkok

CHANYAPORN CHUNTAMARA, DR.

Lighting Design
KMUTT Bangkok

ACHARAWAN CHUTARAT, DR.

Lighting Design
KMUTT Bangkok

JAN EJJED

Lighting Design
Professor
KTH Stockholm

MARCUS HACKEL, DR.

Design Management
Professor
Wismar University

HARALD HOFMANN, DR.

Lighting Design
Professor
Technische Universität Darmstadt

MICHAEL ROHDE

Lighting Design
Professor
Wismar University

THOMAS RÖMHILD, DR.

Lighting Design
Professor
Wismar University

NATHAN THOMPSON

Lighting Design
Melbourne

PAUL TRAYNOR

Lighting Design
London

KATHERINE XIN, PH.D

Design Management
Professor
China Europe International Business School
(CEIBS)
Shanghai



7 FEES FINANCING

The tuition fee of 4,750 EUR per semester includes:

- Teaching and examination costs,
- Costs of the Master Thesis,
- Class materials,
- Practical workshops,
- Event catering and two days excursion, as well as accommodation expenses at our international locations in Wismar, Berlin and Bangkok

PRIVATE FINANCING

Our part-time study programme is structured to meet the needs of working lighting professionals. So you can execute your studies and maintain your professional and financial stability. In many countries the government promotes your further education through individual tax incentives. Depending on your individual income and your professional situation, you can claim the expenses for our part-time study programme as tax deductible professional expense or special expense and receive a complete or partial reimbursement. For more detailed advice, please consult with your tax consultant or your responsible tax office.

FINANCING BY THE EMPLOYER

Many companies support the further education of their employees by granting them leave or financial support. Within the framework of individual agreements there is a possibility to integrate your qualification aims into a personal development concept.

SCHOLARSHIPS

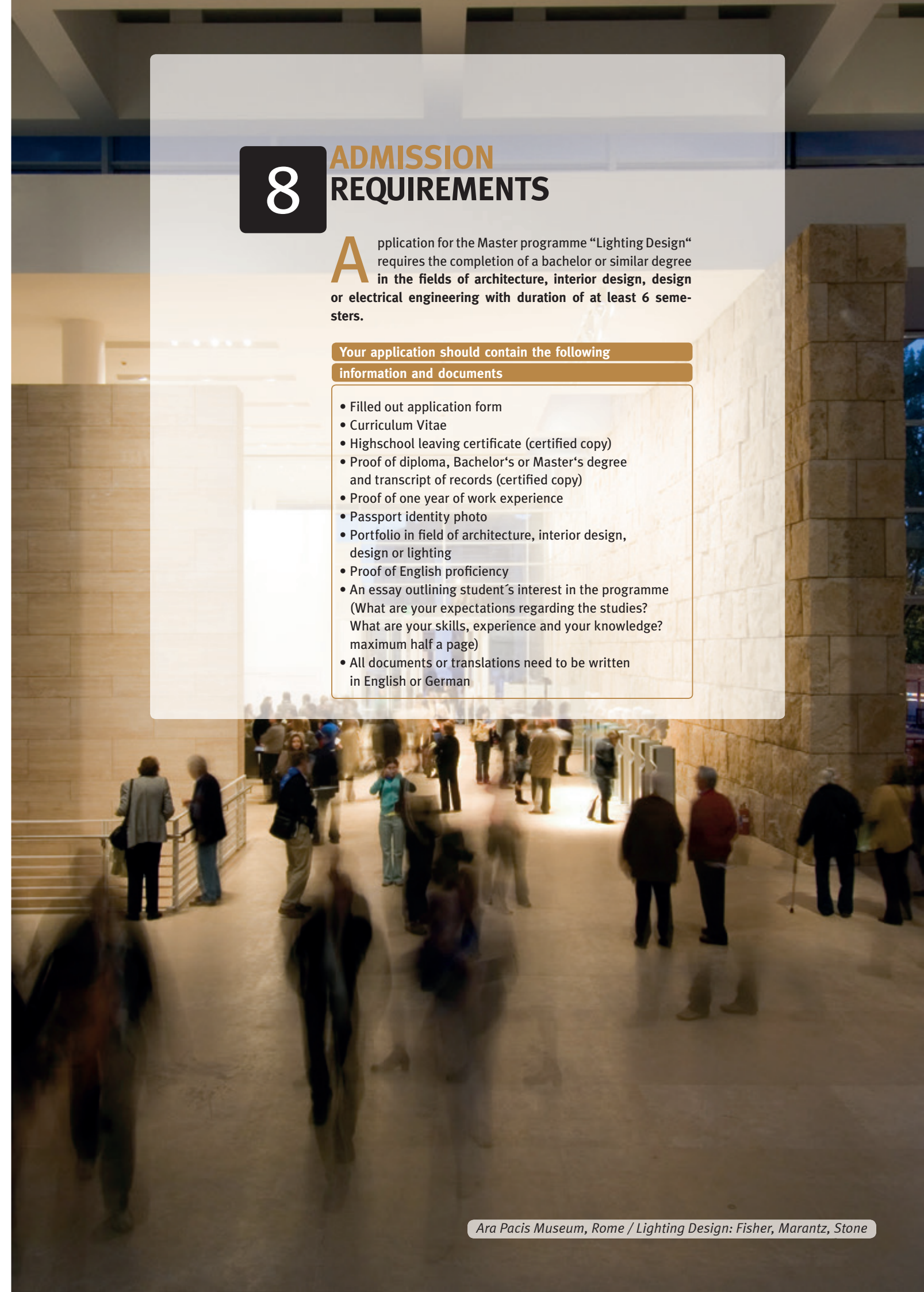
WINGS and Wismar University do not provide any scholarship. But we will assist you, when any help is required.

8 ADMISSION REQUIREMENTS

Application for the Master programme “Lighting Design“ requires the completion of a bachelor or similar degree in the fields of architecture, interior design, design or electrical engineering with duration of at least 6 semesters.

Your application should contain the following information and documents

- Filled out application form
- Curriculum Vitae
- Highschool leaving certificate (certified copy)
- Proof of diploma, Bachelor’s or Master’s degree and transcript of records (certified copy)
- Proof of one year of work experience
- Passport identity photo
- Portfolio in field of architecture, interior design, design or lighting
- Proof of English proficiency
- An essay outlining student’s interest in the programme (What are your expectations regarding the studies? What are your skills, experience and your knowledge? maximum half a page)
- All documents or translations need to be written in English or German





Shiatzy Chen, Shanghai, China / Lighting Design: The Flaming Beacon, Nathan Thompson



Workshop during first seminarweek in Wismar

9

CONSULTING REGISTRATION

ENROLLMENT

WINGS GmbH
Philipp-Müller-Str. 14
23966 Wismar
GERMANY

phone: +49 (0) 3841/7537-229
e-Mail: lightingdesign@wings.hs-wismar.de

www.wings-fernstudium.de

ADDITIONAL INFORMATION

Managing director WINGS GmbH
Dipl.-Kff. Dagmar Hoffmann

Academic Directors
“Lighting Design - Architectural Lighting and Design Management“

Prof. Dr.-Ing. Thomas Römhild
e-mail: thomas.roemhild@hs-wismar.de

Prof. Dr.-Ing. Marcus Hackel
e-mail: marcus.hackel@hs-wismar.de

Partner University
King Mongkut's University of Technology Thonburi, Bangkok
Dr. Acharawan Chutarat
e-Mail: iacharat@kmutt.ac.th

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OUR PART-TIME STUDY PROGRAMMES
AND FURTHER EDUCATION

Below you will find a list of our current part-time study programmes. We are constantly developing new programmes and hence cannot guarantee the accuracy of the following information. If you are interested in one of our distance learning programmes please visit our website www.wings-fernstudium.de.

DISTANCE LEARNING PROGRAMME

DISTANCE LEARNING BACHELOR'S PROGRAMMES

- Business Administration

7 semesters – Bachelor of Arts (B.A.)
- Sport Management

7 semesters – Bachelor of Arts (B.A.)
- Business Information Technology

7 semesters – Bachelor of Science (B.Sc.)
- Bachelor Forensic Engineering

8 semesters – Bachelor of Engineering (B.Eng.)

DISTANCE LEARNING BACHELOR'S PROGRAMMES - ONLINE

- Business Administration (online)

6 bzw. 8 semesters – Bachelor of Arts (B.A.)
- Management of Health Care Organizations (online)

6 bzw. 8 semesters – Bachelor of Arts (B.A.)
- Management of Non-Profit-Organizations (online)

6 bzw. 8 semesters – Bachelor of Arts (B.A.)
- Commercial Law (online)

8 semesters – Bachelor of Laws (LL .B.)

DISTANCE LEARNING MASTER'S PROGRAMMES

- Business Consulting

4 semesters – Master of Business Consulting (M.BC.)
- Sales and Marketing

4 semesters – Master of Arts (M.A.)
- Health Care Management

4 semesters – Master of Health Care Management (M.HCM.)
- Business Information Technology

5 semesters – Master of Science (M.Sc.)
- Information Technology and Management

4 semesters - Master of Engineering (M.Eng.)
- Quality Management

4 semesters – Master of Engineering (M.Eng.)
- Facility Management

4 semesters – Master of Science (M.Sc.)
- Redevelopment

6 or 4 semesters – Master of Science (M.Sc.)
- Structural Preservation

4 semesters – Master of Science (M.Sc.)
- Architecture and Environment

4 semesters – Master of Science (M.Sc.)
- Integrative Rural-Urban Development

5 semesters – Master of Science (M.Sc.)
- Lighting Design

4 semesters – Master of Arts (M.A.)
- Business Systems

4 semesters – Master of Business Systems (M.BS.)



DISTANCE LEARNING DIPLOMA PROGRAMMES

- Business Administration

9 semesters – Dipl.-Kff. / Dipl.-Kfm. (FH)
- Business Administration – Postgraduate

7 semesters – Dipl.-Kff. / Dipl.-Kfm. (FH)
- Business Administration with Supplementary Certificate in Healthcare

9 semesters – Dipl.-Kff. / Dipl.-Kfm. (FH) and the Supplementary University of Applied Sciences Certificate in Healthcare
- Business Information Technology

9 semesters – Dipl.-Wirt.-Inf. (FH)

FURTHER EDUCATION

- Mediation (Uni of A. Sciences)

8 months – Further Education Certificate Mediator (Uni of A. Sciences)
- Business Mediation (Uni of A. Sciences)

12 months – Further Education Certificate Business Mediator (Uni of A. Sciences)
- Systemic Business Coaching (Uni of A. Sciences)

5–7 months – Further Education Certificate in Business Coaching (Uni of A. Sciences)
- Business Psychology

10 weeks per Competence field – Further Education Certificate (Uni of A. Sciences)

- Business Mentor (Uni of A. Sciences)

5–7 months – Further Education Certificate Business Mentor/-in (Uni of A. Sciences)
- Human Resource Manager (Uni of A. Sciences)

6–8 months – Further Education Certificate HR-Manager/-in (Uni of A. Sciences)
- Health Care

9 months – Further Education Certificate in Health Care
- Restructuring and Insolvency Consultancy

5 – 6 months – Further Education Certificate The Reconstruction Consultant and The Organization Consultant
- Strategic Consultancy

2 – 3 months – Further Education Certificate The Strategic Consultant
- Maritime Further Education Shipping Skills

individual courses – Further Education Certificate Shipping
- DSH (German language university entrance exam for foreign students)

2 weeks – Certificate Wismar University of Applied Sciences

PUBLISHING INFORMATION
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