

# Module Overview Master Programme International Project Management (full time)

## SUMMER SEMESTER

### M1\_Technical Knowledge

Architecture for PM / Masterplanning  
Sustainable Urban Building Design  
Construction Technology / Industry  
Smart Energy Generation  
Smart Mobility Strategies & Management  
Smart Water & Waste Management  
Smart Grid Solutions

### M2\_Management Basics

Business Planning  
Methods of Management in PM  
PM Body of Knowledge

### M3\_Effective People Management

Leadership and Communication  
Intercultural Understanding  
Change Management  
Agile and Scrum Principles

### M4\_Project Management

Schedule Management  
Project Organization Methods  
Quality Management  
Construction Cost Management (IBPM)  
Construction Cost Management (IITM)

## WINTER SEMESTER

### M5\_Managing Real Estate / Infrastructure

Project Development  
Digitization in Real Estate & Infrastructure  
Real Estate Management (IBPM)  
Operations and Maintenance (IITM)

### M6\_Managing Business & Finance

Finance and Accounting  
Investment Appraisal  
>Contractor's Business Strategies  
>Consultant's Business Strategies  
>Special Purpose Subject

### M7\_Managing Information

BIM Management  
BIM Practical Examples  
BIM Application

### M8a\_International Workshops

International Law  
Presentation Skills  
>International Public Building Law  
>International Project Organization Models

### M8b\_International Workshops

Case Study (IBPM)  
Case Study (IITM)

## FINAL SEMESTER

### MT\_Master Thesis\*

\*Registration only possible after completing all Modules

### Explanations:

Subjects only for IBPM students  
Subjects only for IITM students  
>Electives (choose one of the subjects!)

Students have to choose one area of specialisation:

–International Building Project Management [IBPM]  
–International Infrastructure Technology & Management [IITM]

**Optional MBA degree** is possible with an additional semester (4th semester) (M.Eng at HfT Stuttgart + MBA at LJMU Liverpool)

### Lecture days:

Friday, Saturday, Sunday, Monday