

Construction Management (B.Eng.)

Faculty of Management, Construction, Real Estate
Examination Regulations 2026

Module Overview

- Fundamentals of Construction Management
- Fundamentals of Law
- Building Construction and Building Physics
- Structural Engineering, Structural Design
- Mineral Building Materials
- Existing Buildings and Building Typologies
- Mathematics
- Architectural Drafting, 3D Modeling/Fundamentals of BIM
- Building Construction and Masonry Construction
- Structural Analysis/Mechanics
- Building Materials Science
- Fundamentals of Construction Operations/Construction Process Engineering
- Fundamentals of Project Management and Cost Estimation
- Contract Law
- WPM I & II
- Surveying/As-Built Surveying
- WPM IPS 1
- Cost Accounting/Estimating
- Project Planning/Construction Management
- Construction Contract Law
- Safety Engineering
- AI in Construction
- Turnkey Construction
- Project Management / BIM (Digital Planning and Construction Process)
- Interdisciplinary Project – Digital and Sustainable Construction
- WPM IPS 2
- Practical Module
- Bachelor's Thesis

Modules for the Building Construction Track

- Planning Knowledge: Building Types and Uses
- Geotechnical Engineering in Building Construction
- Fundamentals of Structural Fire Protection
- Interior Finishing
- Building Services Engineering
- Wooden Structures/Steel Structures
- Fundamentals of Design
- Project Design and Planning
- Reinforced Concrete Structures
- Building Physics—Sound, Heat, Moisture
- Flexible Structures—Structure and Envelope

Modules for the Civil Engineering Track

- Structural Design
- Fundamentals of Reinforced Concrete Construction
- Geotechnical Engineering in Civil Engineering 1
- Fluid Mechanics
- Engineered Wood Construction and Repair
- Steel Construction
- Transportation Planning and Transportation Infrastructure Construction
- Infrastructure Construction Project
- Hydraulic Engineering
- Reinforced Concrete Construction/Prestressed Concrete
- Bridge Engineering
- Geotechnical Engineering in Civil Engineering 2