

Modulcode	MBI1540
Modulbezeichnung	Construction Economics and international Project Management
Studiengang	Sustainable Engineering of Infrastructure
Fakultät	Civil engineering and conservation/restoration

Modulverantwortlich	Prof. Dr.-Ing. Joachim Ruß
Modulart	Mandatory module
Angebotshäufigkeit	1 x per year in summer term
Regelbelegung/Empfohlenes Semester	1. semester
Credits (ECTS-Punkte)	5
Leistungsnachweis	• Final exam is written exam with 90 minutes
Unterrichtssprache	Englisch
Voraussetzungen für dieses Modul	-
Modul ist Voraussetzung für	-
Moduldauer	1 semester
Notwendige Anmeldung	Enrollment in Moodle courses

Course	Lecturer	Type	Course size	Number of courses	SWS	Workload (in h)		
						Presence	Self-study	
Construction Economics and international Project Management	Prof. Ruß	Lecture/Exercise	20	1	4	60	40	
Construction Economics and international Project Management	Prof. Ruß	Homework	20	1	0	15	35	
					Summe	4	75	75
Gesamtworkload für das Modul						150		
Qualification and Competence goals	After successful participation in the module, students will be familiar with the function and relevant tools for planning, managing and controlling a construction company or an engineering firm. In addition, they are familiar with the typical tasks of managers and can apply the tools required to successfully complete these tasks.							
Content	<p>Corporate Planning and Control</p> <ul style="list-style-type: none"> - Basics planning & decision - Management of a company - Organizational and performance planning - Personnel and investment planning - marketing <p>Acquisition and order procurement</p> <ul style="list-style-type: none"> - Strategies of order procurement - risk analysis - costing - Business simulation <p>Controlling in the construction company or engineering firm Subcontract management</p> <ul style="list-style-type: none"> - Recognizing, securing and defending against claims for supplementary work - Calculation of supplementary claims <p>Business simulation (homework)</p>							
Literature	<ul style="list-style-type: none"> • - National and international regulations • - Literature recommended in the lecture 							