

Double Degree - Jaén students as guest at HTWK Leipzig

Course (common)	Course (national)	ECTS	Sem
winter term			
Waterway Construction ²	Verkehrswasserbau ²	2	3
Urban and Regional Planning, Architectural Planning ²	Landesplanung-Städtebau/Geb.planung ²	6	3
Road Design	Straßenentwurf	5	3
Road Construction	Straßenbau	4	5
Drinking Water Supply	Trinkwasserversorgung	2,5	5
Placing and Contract Affairs	Vergabe- und Vertragswesen	4	5
Structural Analysis I ³	Baustatik I ³	4	3
Timber and Brick Construction I ³	Holz- und Mauerwerksbau I ³	3	5
Total		30,5	

summer term

Coastal Engineering ²	Küsteningenieurwesen ²	2	2
Foundation Engineering	Grundbau	5	4
Wastewater Technology	Abwassertechnik	2,5	4
Building Design II and Building Physics II	Baukonstruktion II und Bauphysik II	6	2
Precast Concrete Structures ²	Betonfertigteilbau ²	6	2
Construction Technology II ¹	Bauproduktionstechnik II ¹	4	6
Waste Management, Environmental Technology ¹	Abfallwirtschaft, Umwelttechnik ¹	4	6
Infrastructure planning ¹	Infrastrukturplanung ¹	4	6
Tunnel and Subsurface Construction ²	Fels- und Tunnelbau ²	4	2
Bachelor Thesis	Bachelorarbeit	7,5	6
Defence	Verteidigung	2,5	6
Structural Analysis II ³	Baustatik II ³	4	4
Building Reconstruction ³	Bausanierung ³	3	4
Total		54,5	

Summation

Σ **85**

Comments

required preceding semester: min 4 (120 ECTS)

¹ optional subject

² HTWK Leipzig Civil Engineering masters program

³ subject must be chosen at HTWK Leipzig

⁴ subject must be chosen at Universidad de Jaén

⁵ HTWK Leipzig students must choose 18 ECTS for double degree

⁶ inappropriate sequence of subject's sections

⁷ acceptance of comparable skills

Equivalent Courses at Universidad de Jaén

Course (common)	Course (national)	ECTS	Sem	+
Marine and Coastal Engineering	Ingeniería marítima y costera	3	5	+
Urban and Regional Planning	Planificación territorial	6	5	
Roads and Airports	Caminos y aeropuertos	6	6	
Water Supply and Wastewater Technology	Ingeniería sanitaria	3	6	+
Project Management	Organización y gestión de proyectos	6	7	
Design of Structures ³	Cálculo de estructuras ³	3	6	+
n/a - subject must be chosen at HTWK Leipzig				

Marine and Coastal Engineering	Ingeniería marítima y costera	3	5	+
Foundation Engineering	Ingeniería geotécnica y cimientos	6	5	
Water Supply and Wastewater Technology	Ingeniería sanitaria	3	6	+
Building	Edificación	6	7	
Precast Concrete	Elementos prefabricados	6	7	
Construction Methods II	Procedimiento de construcción II	6	7	
Environmental Compatibility	Evaluación y corrección de impactos ambientales	6	8	
Railbound Transport	Ferrocarriles y transporte guiado	6	8	
Tunnel and Subsurface Construction	Ingeniería de túneles y obras subterráneas	6	8	
Final Paper	Trabajo de fin de grado	12	8	
Design of Structures ³	Cálculo de estructuras ³	3	6	+
n/a - subject must be chosen at HTWK Leipzig				