

Civil Engineering modules, suitable for Erasmus and Visiting Students, 2015/16

Students study a maximum of 60 credits per

Module	Module Title	Credit	Semester/Term	Year 1 Civil
CENV 1023	Construction Design & Material	30	Full Academic Year	
CENV 1025	Civ & Env Eng Fundamentals	30	Full Academic Year	
FEEG 1002	Mech, Structures & Materials	30	Full Academic Year	
FEEG 1003	ThermoFluids	15	Full Academic Year	
MATH 1054	Maths for Eng & Environment I	15	Full Academic Year	

Module	Module Title	Credit	Semester/Term	Year 2 Civil
CENV 2024	Structural Design & Materials	15	Semester 1	
CENV 2028	Design 2	15	Semester 1	
CENV 2030	Structural Analysis	15	Semester 1	
MATH 2048	Maths for Eng & the Environment II	15	Semester 1	
CENV 2006	Soil Mechanics	15	Semester 2	
CENV 2008	Hydraulics	15	Semester 2	
CENV 2026	Numerical Methods	15	Semester 2	
CENV 2027	Construction Management	15	Semester 2	

Module	Module Title	Credit	Semester/Term	Year 3 Civil
FEEG 3003	Individual Project	30	Full Academic Year	module availability to be reviewed on an ind
CENV 3020	Geotechnical Engineering	15	Semester 1	
CENV 3060	Highway & Traffic Engineering	15	Semester 1	
CENV 6152	Project Econ and Mang	15	Semester 1	
CENV 3056	Structural Engineering	15	Semester 1	
CENV 3015	Design 3	15	Semester 2	
CENV 3061	Engineering Hydrology	15	Semester 2	
CENV 3059	Water & Wastewater Engineering 1	15	Semester 2	
LANG XX15	A Language Module	15	Semester 1 or 2	student may take only 1 of these 5 modules
UOSM 2001	Business Skills for Employability	15	Semester 2	
UOSM 2005	Living with Environmental Change	15	Semester 2	
UOSM 2009	Ethics in a Complex World	15	Semester 2	
UOSM 2011	The Management of Risk and Uncertainty	15	Semester 2	

Module	Module Title	Credit	Semester/Term	MSc Civil
CENV 6002	Transportation Engineering: Analysis and Design (MSc)	15	Semester 1	Postgraduate Students only
ENVS 6028	Environmental Impact Assessment	15	Semester 1	Postgraduate Students only

CENV 6003	Highway Engineering	15	Semester 2	Postgraduate Students only
FEEG 6013	Group Design Project	45	Full Academic Year	
CENV 6084	Coastal & Maritime Engineering and Energy	15	Semester 1	
CENV 6090	Energy Resources and Engineering	15	Semester 1	
CENV 3020	Geotechnical Engineering	15	Semester 1	
CENV 6154	Groundwater Hydrology and Contamination	15	Semester 1	
MATH 3081	Operational Research	15	Semester 1	
CENV 6152	Project Economics and Management	15	Semester 1	
MATH 6134	Stat Model for Civ & Env Eng	15	Semester 1	
CENV 3056	Structural Engineering	15	Semester 1	
FEEG 6010	Advanced Finite Element Analysis	15	Semester 2	
CENV 6122	Advanced Foundation Engineering	15	Semester 2	
CENV 6086	Advanced Structural Engineering	15	Semester 2	
FEEG 6011	Architectural and Building Acoustics	15	Semester 2	
CENV 6141	Bioenergy	15	Semester 2	
CENV 6123	Coastal Flood Defence	15	Semester 2	
CENV 6134	Earthquake Engineering	15	Semester 2	
CENV 6148	Energy Performance Assessment of Buildings	15	Semester 2	
CENV 6155	Hydraulic Engineering and Sediment Transport	15	Semester 2	
CENV 6157	Law and Contracts for Civil and Environmental Engineers	15	Semester 2	
CENV 6109	Transportation Engineering: Transport Management	15	Semester 2	
CENV 6085	Waste Resource Management	15	Semester 2	
CENV 6158	Water & Wastewater Engineering	15	Semester 2	
CENV 6162	Water Resources Planning and Management	15	Semester 2	

semester

individual basis