

Code	Name	Credits
	Orientation to Engineering Studies	15 cp
BE00DL06-3006	Introduction to Technical Physics	3 cp
CO00EN39-3001	Basics of Construction Industry	3 cp
CO00EN40-3001	Orientation to Construction Studies	3 cp
KM00CV13-3036	Geometry and Linear Algebra	3 cp
KM00EI34-3001	Finnish 1	3 cp
	Building Technology and Construction Materials	15 cp
CO00DN06-3003	Construction Materials	3 cp
CO00EN41-3001	Basics of Technical Drawings	2 cp
CO00EN42-3001	Timber Construction	3 cp
CO00EN43-3001	Building Chemistry	2 cp
KM00CV11-3049	Algebra	3 cp
KM00EI35-3001	Finnish 2	2 cp
	Planning of Building Project	15 cp
CO00DN13-3002	Basics of Building Information Modelling (BIM)	3 cp
CO00EN44-3001	Basics of Geotechnics	3 cp
KM00CV61-3031	Differentiaalilaskenta	2 cp
KM00EI36-3001	Finnish 3	2 cp
RM00EL03-3003	Statics 1	3 cp
VV00EH16-3005	Sustainable Development.Now	2 cp
	Sustainable and Healthy Buildings	15 cp
CO00DN10-3003	Sustainability and Housing Health	3 cp
CO00EN45-3001	Basics of Building Physics	2 cp
CO00EN46-3001	Energy Efficiency and Renewable Energy	3 cp
KM00CV62-3030	Integraalilaskenta	2 cp
KM00EI37-3001	Finnish 4	3 cp
RM00EL09-3003	Statics 2	2 cp
	Fundamentals of Structural Design	15 cp
KM00DE59-3007	Technical English 1	2 cp
CO00DM69-3003	Conceptual Design of the Structures	3 cp
CO00DM70-3003	Concrete Materials Technology	3 cp
CO00DM72-3003	Strength of Materials	4 cp
CO00DN13-3003	Basics of Building Information Modelling (BIM)	3 cp
	Structural Systems in Buildings	15 cp
KM00DE60-3005	Technical English 2	3 cp
CO00DM73-3003	Load-Bearing Frames of Buildings	5 cp
CO00DM74-3003	Timber Structures	4 cp
CO00DM75-3003	Foundation Engineering	3 cp
	Residential Buildings	15 cp
CO00DM76-3003	Advanced Timber Structures	5 cp
CO00DM77-3003	Construction Management and Economics	2 cp
CO00DM78-3003	Structural Analysis	5 cp

CO00DM79-3003	Building Services Systems (HVAC)	3 cp
	Concrete Structures	15 cp
CO00DM81-3003	Building Physics	3 cp
CO00DM82-3003	Concrete Works	3 cp
CO00DM83-3003	Concrete Structures	5 cp
CO00DM84-3003	Advanced Mechanics	4 cp
	Steel Structures	15 cp
CO00DM85-3002	Basics of Structural Steel Design	5 cp
CO00DM86-3002	Industrial and Commercial Buildings	3 cp
CO00DM87-3002	Manufacturing of Steel Structures	3 cp
CO00DM88-3002	Advanced Building Information Modeling (BIM)	4 cp
	Design of Concrete Structures	15 cp
CO00DM89-3002	Precast Concrete Structures	3 cp
CO00DM90-3002	Advanced Concrete Structures Design	5 cp
CO00DM91-3002	Design of Foundation Structures	4 cp
CO00DM92-3002	Prestressed Concrete and Steel-Concrete Composite Stru	3 cp
	Design of Steel Structures	15 cp
CO00DM93-3002	Advanced Steel Structures Design	4 cp
CO00DM94-3002	Cold-Formed Steel Structures	3 cp
CO00DM95-3002	Structural Fire Design	3 cp
CO00DM96-3002	Finite Element Method	5 cp
	Life-Cycle Thinking in Building Technology	15 cp
