

24.05.2013

Student

Degree programme **Degree Programme in Construction Engineering** 240,00 cr
 Option **Specialisation of Structural Engineering**
 Duration of studies **24.08.2009 - 24.05.2013**

Credit 240,00 cr

<u>Module Completed</u>	<u>Extent</u>	<u>Marks</u>	
BASIC STUDIES	54,00 cr		
CORE STUDIES OF UNIVERSITY OF APPLIED SCIENCES	11,00 cr		
Orientation Studies	2,00 cr	H	Approved
Finnish Communication at Work	3,00 cr	5	Excellent
Swedish Communication at Work	3,00 cr	3	Good
English Communication at Work	3,00 cr	2	Satisfactory
COMMUNICATION	7,00 cr		
Finnish Communication for Technology	4,00 cr	2	Satisfactory
English for Technology	3,00 cr	5	Excellent
MATHEMATICS	15,00 cr		
Mathematics I	3,00 cr	4	Good
Mathematics II	3,00 cr	5	Excellent
Mathematics III	5,00 cr	4	Good
Mathematics IV	4,00 cr	4	Good
PHYSICS	12,00 cr		
Physics I	4,00 cr	3	Good
Physics III	3,00 cr	3	Good
Building Physics	5,00 cr	3	Good
CHEMISTRY	3,00 cr		
Building Chemistry	3,00 cr	3	Good
INFORMATION TECHNOLOGY	6,00 cr		
Information Technology I	3,00 cr	3	Good
CAD I	3,00 cr	H	Approved
PROFESSIONAL STUDIES	126,00 cr		
STRUCTURAL MECHANICS	15,00 cr		
Statics	3,00 cr	2	Satisfactory
Statically Determinated Structures	3,00 cr	4	Good
Strength of Materials	3,00 cr	4	Good
Strength of Materials	3,00 cr	3	Good
Statically Indeterminate Structures	3,00 cr	3	Good
CONSTRUCTION ECONOMICS	12,00 cr		
Fundamentals of Construction Economy	3,00 cr	2	Satisfactory
Basics of Cost Evaluation Methods	3,00 cr	2	Satisfactory
Construction Management	3,00 cr	3	Good
Industrial Economy I	3,00 cr	4	Good

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GEOTECHNICS AND FOUNDATION ENGINEERING	15,00 cr		
Geotechnics	4,00 cr	2	Satisfactory
Foundation Engineering	5,00 cr	3	Good
Environmental Geotechnology	3,00 cr	5	Excellent
Foundations for Construction Engineering	3,00 cr	4	Good
STRUCTURAL ENGINEERING	43,00 cr		
Fundamentals of Construction Planning	3,00 cr	2	Satisfactory
Masonry Structures	3,00 cr	5	Excellent
Composite Structures	3,00 cr	4	Good
Concrete Materials	5,00 cr	3	Good
Concrete Technology	3,00 cr	2	Satisfactory
Fundamentals of Concrete Structures	5,00 cr	2	Satisfactory
Concrete Structures	5,00 cr	5	Excellent
Fundamentals of Timber Structures	4,00 cr	2	Satisfactory
Wood Structures	4,00 cr	3	Good
Fundamentals of Structural Steelwork	4,00 cr	4	Good
Steel Structures	4,00 cr	4	Good
BUILDING CONSTRUCTION	20,00 cr		
Building Construction I	4,00 cr	3	Good
Building Construction II	4,00 cr	2	Satisfactory
Building Construction III	3,00 cr	3	Good
Basics of Precast Concrete Structures	3,00 cr	3	Good
Installations and Technical Equipment of Houses	3,00 cr	5	Excellent
Construction Planning I	3,00 cr	3	Good
BUILDING PRODUCTION ENGINEERING	12,00 cr		
Production Technology of Building Construction	3,00 cr	3	Good
Construction Measurement	3,00 cr	H	Approved
Site Technologies	3,00 cr	2	Satisfactory
Health in Work and Labour Law	3,00 cr	2	Satisfactory
INFRASTRUCTURE ENGINEERING	3,00 cr		
Fundamentals of Land-use Planning and Streets	3,00 cr	4	Good
ELECTIVE PROFESSIONAL STUDIES OF STRUCTURAL ENGINEERING	6,00 cr		
Energy Production and Consumption II	3,00 cr	H	Approved
Basics in Civil Engineering in Russia	3,00 cr	H	Approved

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ELECTIVE STUDIES	15,00 cr		
Introduction to Mathematics	3,00 cr	H	Approved
Swedish Refresher Course	3,00 cr	H	Approved
Basic Russian I	3,00 cr	3	Good
Basic Russian II	3,00 cr	2	Satisfactory
Basic Russian III	3,00 cr	3	Good
PLACEMENT			
Placement	30,00 cr	H	Approved
BACHELOR'S THESIS			
The Design of a Brick House and Cost Comparison	15,00 cr	4	Good

The student has acquired the language skills in Swedish required of state officials functioning in a position requiring a higher education in a bilingual office according to the Act (424/2003, 6 §) with a grade of satisfactory in written language skills and satisfactory in spoken language skills (evaluated as good or satisfactory). The student has also acquired the language skills in Swedish/Finnish necessary for practicing the profession and for further professional development (Decree 352/2003, 8 §, 1). The student has gained such oral and written skills in the obligatory English language required by the degree programme that are necessary for practising the profession and for further professional development (Decree 352/2003, 8 §, 2). The student has received his/her school education in the Finnish language and completed the maturity test in the Finnish language.

Lappeenranta 24 May 2013


Jouni Könönen
Degree Programme Manager

