

Modules offered for BECOP16A3 in academic year 2018-2019

Module 1 - Renovation	15 cr
Building Physics related to Renovation	3 cr
Structures and their Damages	3 cr
BIM in Renovation Design	3 cr
Healthy Indoor Air	4 cr
Improvements in Energy Efficiency	2 cr
Module 2 - Timber Structures	18 cr
Design of Timber Structures	6 cr
BIM in Design of Timber Structures	3 cr
Mechanics 3	6 cr
Reporting in English	3 cr
Projektin viestintä (for Finnish students)	1 cr
Module 3 - Steel 1 / Teräsrakenteiden suunnittelu (with Finnish group)	15 cr
Design of Steel Structures 3	3 cr
Fundamentals in Finite Element Analysis	4 cr
BIM in Design of Steel Structures	2 cr
Mechanics 4	3 cr
Mathematics	2 cr
Finnish 6	1 cr
Module 4 - Concrete Structures	13 cr
Structural Design of Reinforced Concrete	3 cr
Precast Concrete Structures	3 cr
BIM in Concrete Structures	2 cr
Mechanics 2	3 cr
Meeting skills	2 cr
<i>Optional courses: Finnish 1 (3 cr) and 2 (2 cr), Finnish culture (3 cr)</i>	