Modules offered for BECOP17A3 in academic year 2018-2019

Module 1 - Residential Building and Civil Engineering 15 cr
- Strength of Materials 4 cr
- Project Cost Calculation 2 cr
- Designing of Earthworks 3 cr
- Quarring and Blasting 2 cr
- Mathematics 3, Differential and Integral Calculus 3 cr

Module 2 - Energy in Construction Technology 14 cr
- Renewable Energy 4 cr
- Energy Economics and Consumption 3 cr
- Energy Audit in Practice 2 cr
- Zero Energy Buildings 3 cr
- Finnish 5 2 cr

Module 3 - Basics of Structural Dimensioning 17 cr
- Structural Framework and BIM 4 cr
- Load-Bearing Structures of a Family House 5 cr
- Designing of Concrete Structures 4 cr
- Concretework 3 cr
- Ruotsi 1 (for Finnish students) 2 cr

Module 4 - Commercial and Industrial Buildings 18 cr
- Industrial Structures 2 cr
- HVAC and Energy Engineering 1 cr
- Manufacturing and Executing Steel Structures 3 cr
- BIM in Business Premises 3 cr
- Building Regulations 3 cr
- Mathematics and Basics in Statistics 1 cr
  - Finnish 6 (optional) 2 cr
  - Ruotsi 2 (For Finnish students) 3 cr
  - Communication studies (for Finnish students) 3 cr