Relationship among the courses of Institute for Metal and Lightweight Structures

1st Sem. (SS)
- Steel Structures 1 / Timber Structures 1 - Basics of Structural Steelwork and Timber Engineering
  Introduction to steel and timber structures
  Compulsory module

2nd Sem. (WS)
- Steel Structures 2 - Structural Steelwork
  Basics of the design and construction of steel halls
  Compulsory module

3rd Sem. (SS)
- Steel Structures 3 - Structural Steelwork and Composite Constructions
  Advanced structural steelwork and Introduction to the composite constructions
  Compulsory optional module

4th Sem. (SS)
- Steel Structures 4 - Steel and Composite Bridge Constructions
  Basics of the design and construction of steel and composite bridges
  Compulsory module

5th Sem. (WS)
- Steel Structures 5 - Shells, Towers and Masts
  Design and construction of shells, towers and masts made of steel
  Compulsory optional module / Optional module

6th Sem. (SS)
- Steel Structures 6 - Special Chapter of Steel Structures
  Applying of material technology approaches for the design of special steel structures.
  Compulsory optional module / Optional module

Lightweight Structures
- Design and construction of lightweight structures
  Compulsory optional module / Optional module

Timber Structures 2
- Design and construction of timber structures
  Compulsory optional module / Optional module
Currently not offered