UML

Unified Modelling Language
Klasse

Klassenname

Attribute
+MatrNr : int
+Name : String
+Semester : int

Methoden
+Notenschnitt() : float
+SummeWochenstunden() : short
Assoziation
UML Notation

Assoziation:

Generalisierung:

Aggregation:
(Teil-von)

Komposition:
(Spezialfall von Aggregation)
Aggregation and composition are variants of the association relationship

Aggregation: A special association that represents a part-whole relationship.

Composition: A more specific aggregation with a life cycle dependency: If the container is deleted, every instance that it contains is deleted as well.

The whole of a composition must have a multiplicity of \(0..1\) or \(1\), indicating that a part must belong to only one whole.