SDLC:

1. User Requirement-Use Cases(Analysis)
2. Create a static model-Class Diagram(Analysis)
3. Add relations to the static model-Associations and dependencies(Analysis)
4. Create dynamic models- sequence diagrams(Analysis)
5. Enhance the static and dynamic models-(design)
6. Transform to UML into code

UML-(Unified Modeling Language)

Noun phrase from problems:

Noun/Noun phrase for Static model.

Students, courses, semester, track, university, faculty, schedule, online class, professor, degree program

* Association(has relationship)
* Dependency
* Inherits(isa relationship)

Properties as attributes or associations??

When a property has an internal structure that also needs to be modeled. Model it as an association.

Association is aVerb.

Unidirectional Association