Entities:

Department(name, <u>abbreviation</u>)

StudyProgramme(<u>name</u>, abbreviation)

Branch(<u>spName</u>, <u>name</u>)
      spName -> StudyProgramme.name

Course(courseName, creditPoints, <u>code,</u> departName)
      departName -> Department.abbreviation

LimitedCourse(<u>courseCode</u>, #maxParticipants)
      courseCode -> Course.code

Student(name, <u>id,</u> spName)
      spName -> StudyProgramme.name

—————————————————————————————————————

Relationships:

HostBy(<u>dAbbreviation</u>, <u>spName</u>)
      dAbbreviation -> Department.abbreviation
      spName -> StudyProgramme.name

Has(<u>studentID</u>, <u>bName, bProgramme</u>)
      studentID -> Student.id
      (bName, bProgramme) -> Branch.(name, programme)

IsMandatory(<u>courseCode</u>, <u>spName)</u>
      courseCode -> Course.code
      spName -> StudyProgramme.name

IsRecommended(<u>courseCode</u>, <u>bName, bProgramme)</u>
      courseCode -> Course.code
      (bName, bProgramme) -> Branch.(name, programme)

IsAddMandatory(<u>courseCode</u>, <u>bName, bProgramme)</u>
      courseCode -> Course.code
      (bName, bProgramme) -> Branch.(name, programme)

IsRegistered(<u>courseCode</u>, <u>studentID</u>)
      courseCode -> Course.code
      studentID -> Student.id

HasCompleted(<u>courseCode</u>, <u>studentID</u>, grade)
      courseCode -> Course.code
      studentID -> Student.id

IsWaiting(sinceDate, <u>studentID</u>, <u>courseCode</u>)
      studentID -> Student.id
      courseCode -> LimitedCourse.code

HasClassification(<u>courseCode</u>, <u>className</u>)

```
courseCode -> Course.code
className -> Classification.name
```