

Entities:

Department(name, abbreviation)

StudyProgramme(name, abbreviation)

Branch(spName, name)
spName -> StudyProgramme.name

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

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

Student(name, id, spName, bName)
spName -> StudyProgramme.Name
bName -> Branch.name

Classification(name)

Relationships:

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

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

IsRecommended(courseCode, bName)
courseCode -> Course.code
bName -> Branch.name

IsAddMandatory(courseCode, bName)
courseCode -> Course.code
bName -> Branch.name

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

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

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

HasClassification(courseCode, className)
courseCode -> Course.code
className -> Classification.name

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IsPrerequisite(courseCode, codePreq)  
courseCode -> Course.code  
codePreq -> Course.code
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