

Entities:

Department(name, abbreviation)
name unique

StudyProgramme(name, abbreviation)

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

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

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

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

Relationships:

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

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

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

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

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

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