

## 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)  
spName -> StudyProgramme.name

Classification(name)

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## 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

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