

## 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

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## Relationships:

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

Offer(dAbbreviation, courseCode)  
dAbbreviation -> Department.abbreviation  
courseCode -> Course.code

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

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

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