Database Schema

# Entities

Course(code, credit, classification, name, maxStudents, department)  
department -> Department.name

Finished Course(code, grade)  
code -> course.code

Branch(name, programme)  
programme -> Programme.name

Student(ID, name, totalCredit)

Programme(name, abbreviation)

Department(name, abbreviation)

# Relationships

prerequisite(course, requiredCourse)  
course -> Course.code  
requiredCourse -> Course.code

registeredOn(student, course)  
student -> Student.id  
course -> Course.code

hasFinished(student, course)  
student -> Student.id  
course -> Course.code

belongsTo(student, programme)  
student -> Student.ID  
programme -> Programme.name

hostedBy(Programme, department, departmentabr)  
programme - > programme.name  
department -> departement.name  
departmentabr -> department.abbreviation

#hasMandatory

#hasrecommended

#studies