

Students(idnr, name, login, program)  
program -> Programs.name

Departments(name, abbreviation)  
Unique abbreviation

Programs(name, abbreviation)

ProgramIn(program, department)  
program -> Programs.name  
department -> Departments.name

Branch(name, program)  
program -> Programs.name

StudentBranches(student, branch, program)  
student -> Students.idnr  
(branch, program) -> Branches.(name, program)

Courses(code, name, credits)

LimitedCourses(code, capacity)  
code -> Courses.code

Prerequisite(course, prerequisite)  
course -> Courses.code  
prerequisite -> Courses.code

GivenBy(department, course)  
department -> Department.name  
course -> Courses.code

Classifications(name)

Classified(course, classification)  
course -> Courses.code  
classification -> Classifications.name

MandatoryProgram(course, program)  
course -> Courses.code

MandatoryBranch(branch, program, course)  
course -> Courses.code  
(branch, program) -> Branches.(name, program)

RecommendedBranch(branch, course, program)  
course -> Courses.code  
(branch, program) -> Branches.(name, program)

Registered(student, course)  
student -> Students.idnr  
course -> Courses.code

Taken(student, course, grade)  
student -> Students.idnr  
course -> Courses.code

WaitingList(student, course, position)  
student -> Students.idnr  
course -> LimitedCourses.code