Students(<u>idnr</u>, name, login, program)
program -> Programs.name
Unique login

Departments(<u>name</u>, abbreviation)
Unique abbreviation

Programs(<u>name</u>, abbreviation)

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

Branch(<u>name</u>, <u>program</u>)
program -> Programs.name

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

Courses(<u>code</u>, name, credits)

LimitedCourses(<u>code</u>, capacity)
code -> Courses.code

Prerequisite(<u>course</u>, <u>prerequisite</u>)
course -> Courses.code
prerequisite -> Courses.code

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

Classifications(<u>name</u>)

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

MandatoryProgram(<u>course</u>, <u>program</u>)
course -> Courses.code

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

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

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

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

WaitingList(<u>student</u>, <u>course</u>, position)
student -> Students.idnr
course -> LimitedCourses.code
Unique (course, position)