

Departments(name, abbr)
Unique abbr

Programs(name)

Students(idnr, name, login, program)
program → programs.name
Unique login
Unique (idnr, program)

Courses(code, name, credits, department)
department → Departments.name
credits ≥ 0

Branches(program, name)
program → Programs.name

Classifications(name)

LimitedCourses(code, capacity)
code → Courses.code
capacity > 0

DepartmentWork(department, program)
department → Departments.name
program → Programs.name

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

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

MandatoryProgram(program, course)
program → Programs.name
course → Courses.code

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

Registered(student, course)
student → Students.idnr
course → Courses.code

Taken(student, course, grade)
student → Student.idnr
course → Courses.code
grade = {'U', '3', '4', '5'}

WaitingList(course, student, position)
student → Student.idnr
course → Courses.code
unique(course, position)
position ≥ 0

Prerequisites(course, prerequisite)
course → Courses.code
prerequisite → Courses.code
course != prerequisite

Classified(course, classification)
course → Courses.code
classification → Classifications.name