

ER-Schema

Students (idnr, name, login, program)
program → Programs.name

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

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

Branches (name, program)
program → Programs.name

Programs (name, abbreviation)

Departments (name, abbreviation)

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

Classifications (name)

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

LimitedCourses (course, capacity)
course → Courses.code

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

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

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

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

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

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

Prerequisite (course, prerequisite)
course → Courses.code
prerequisite → Courses.code