Students(idnr, sname, login, program)
    login UNIQUE
    program -> Programs.pname

Courses(code, cname, credits)

Programs(pname, pcode)

Departments(dname, dcode)
    dcode UNIQUE

Classifications(classname)

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

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

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

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

Classified(code, class)
    code -> Courses.code
    class -> Classifications.classname

Prerequisites(predecessor, course)
    predecessor -> Courses.code
    course -> Courses.code

CourseByDepartment(department, course)
    department -> Departments.dname
    course -> Courses.code

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

MandatoryBranch(course, branch)

course -> Courses.code
    branch -> Branches.bname

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

ProgramHost(department, program)
    department -> Departments.dname
    program -> Programs.pname

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

Branches(bname, program)
    program -> Programs.pname