

# Final schema

den 27 november 2023 23:49

Programs(name, abbreviation)

Students(idnr, name, login)  
login unique

StudentPrograms(student, program)  
students-> Students.idnr  
program-> Programs.name

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

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

Departments(name, abbreviation)  
abbreviation unique

Courses(code, name, credits)

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

DepartmentCourses(course, department)  
course -> Courses.code  
department-> Departments.name

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

Classification(name)

ClassifiedCourses(course, classification)  
course-> Courses.code  
classification-> Classification.name

ProgramMandatory(course, program)  
course-> Courses.code  
program->Programs.name

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

BranchMandatory(course, branch, program)  
course-> Courses.code

branch, program->Branches.(name, program)

StudentOnWaitinglist(student, course, position)

student-> Students.idnr

course-> LimitedCourses.code

Taken(student, course, grade)

student-> Students.idnr

course-> Courses.code

Grade  $\in \{U, 3, 4, 5\}$