

Relation Database Schema:

- Instructor (Ssn, name, Salary, ssn_inves, Dname, Dhead)
FK: ssn_inves references Investigator(Ssn) FK: Dname references Department(Dname)
- Department (Dname, Ccode)
FK: Ccode references Course(Ccode)
- Course (Ccode, cname, ECTS, Number_of_hour, Super_code)
FK: super_code references Course(Ccode)
- Undergraduate_curriculum (Ccode)
FK: Ccode references Course(Ccode)
- Graduate_curriculum (Ccode)
FK: Ccode references Course(Ccode)
- Section (Name, Quota, Time_slot, Ccode, ssn_inst)
FK: Ccode references Course(Ccode) FK: ssn_inst references Instructor(Ssn)
- Student (Ssn, Sid, Name, Department_name, ssn_inst, weekly_schedule)
FK: ssn_inst references Instructor(Ssn)
- Undergraduate (Sid, Ccode)
FK: Ccode references Course(Ccode)
- Graduate (Sid, Ccode)
FK: Ccode references Course(Ccode)
- Graduate_previousDegree (College, Degree, Year, Sid, sid_graduate, ssn_inst)
FK: Sid references Student(Sid) FK: ssn_inst references Instructor(Ssn)
- Letter_grades (Midterms, Final, Project, Name, ssn_inst)
FK: Name references section(Name) FK: ssn_inst references Instructor(Ssn)
- Investigator (Ssn)
- People (Ssn_inves)
FK: ssn_inves references Investigator(Ssn)
- Responsibility (Projects, Exams, Name)
FK: name references Section(Name)
- Research_project (Budget, Subject, Pname, Ssn)

FK: Ssn references Investigator(Ssn)

- Take(Ssn_student, Ccode)
FK: ssn_student references Student(Ssn) FK: Ccode references Course(Ccode)
- Take (Ssn_student, Secname)
FK: ssn_student references Student(Ssn) FK: Secname references Section(name)
- Instructor_rank (ssn, rankSsn, rank, Assistant, Associate, Adjunct, Research, Visiting)
FK:ssn references Instructor(ssn)
- Student_mail (e-mail, ssn_student)
FK: ssn_student references Student(Ssn)
- Research_date (Pname, Res_date, start date ,end date)
FK: Pname references Research_project(Pname)
- Payment (Base_salaryFlag, ExtraFlag, more tahn 10 hours, Supervising, ssn_inst)
FK: ssn_inst references Instructor(Ssn)
- Different_semester (secName)
FK:secName references Section(name)
- Same_semester (secName)
FK:secName references Section(name)