Indiana University Student Records System

Grade (dashed entity)
- Grade
- GPA

Major
- MajorID
- Name
- graduation credits
- Minimum GPA

Student
- StudentID
- Name(first, last)
- Address(street, city, state, zip)
- Phone
- Email Address
- ParentName(first, last)
- Parent Phone

Section
- SectionID
- startTime
- endTime
- daysMet

Semester
- SemesterID
- Start Date
- End Date
- Term

Building
- BuildingID
- Name
- Address(street, city, state, zip)

Department
- DeptID
- ChairName(first, last)
- Name

Faculty
- FacultyID
- Rank
- Name(first, last)
- Hire Date
- Phone
- Email
- Expertise

Course
- CourseID
- Title
- Credit Hours
- Subject
- CourseNumber

Room
- RoomID
- Room #
- Capacity
- Features*
- Type

Relationships:
- Chooses (1:N — 1:N)
- Enrolled in (1:N — 1:N)
- offers (Major/Department 1:1)
- advise (1:N — 1:N)
- In (1:N — 1:N)
- teaches (1:N — 1:N)
- is in (multiple)
- Part of (1:1)
- offers (1:1)
- requires (1:N)
- prerequisite (1:N — 1:N)
- has a (1:1 — 1:N)

CONVERSION:
- major(majorID, name, grad_credits, min_gpa, deptID>)
- department(deptID, name, fchairname, lchairname)
- student(studentID, fname, lname, phone, email, streetADD, cityADD, stateADD, zipADD, pFname, pLname, pPhone)
- faculty(facultyID, rank, fname, lname, phone, email, expertise, hire_date, roomID>)
- section(sectionID, startTime, endTime, daysMet, semesterID>, courseID>)
- course(courseID, title, credit_hours, courseNum, subject, prerequisiteID>, deptID>)
- semester(semesterID, startDate, endDate, term)
- building(buildingID, name, streetADD, cityADD, stateADD, zipADD)
- room(roomID, roomNum, capacity, type, buildingID>)
- room_feature(roomID>, feature)
- grade(sectionID>, studentID>, grade, gpa)
- major_course(majorID>, courseID>)
- major_student(majorID>, studentID>)
- department_faculty(deptID>, facultyID>)
- student_faculty(studentID>, facultyID>)
- faculty_section(facultyID>, sectionID>)
- section_room(sectionID>, roomID>)

GPA Note:

A+	4.0	97–100
A	4.0	94–96
A-	3.7	90–93
B+	3.3	87–89
B	3.0	84–86
B-	2.7	80–83
C+	2.3	77–79
C	2.0	74–76
C-	1.7	70–73
D+	1.3	67–69
D	1.0	64–66
D-	0.7	60–63
F	0.0	0–59