University Database ERD

Student

PK	student_id	integer
	first_name	text
	last_name	text
	birth_date	date
	email	text
	expected_graduation	date
	gpa	Numeric

StudentMajor

PK, FK	student_id	integer
PK,FK	major_id	integer

CourseSchedule

PK	schedule_id	integer
FK	course_id	integer
FK	classroom_id	integer
	start_time	time
	end_time	time

Classroom

PK	classroom_id	integer
	room_number	integer
	building_name	text
	capactiy	integer

CourseScheduleDays

PK, FK	schedule_id	integer
PK, FK	day_id	integer

DaysOfWeek

PK	day_id	integer
	day_name	TEXT

RequiredCourse (To Do)

PK	rc_id	integer
FK	course_id	integer
FK	major_id	integer

Major

PK	major_id	integer
	major_name	text
FK	department_id	integer

Enrollment

PK	enrollment_id	integer
FK	student_id	integer
FK	course_id	integer
	grade	numeric
	points_earned	numeric

ElectiveCourse (To Do)

PK	ec_id	integer
FK	course_id	integer
FK	major_id	integer

Course

PK	course_id	integer
	course_name	text
FK	department_id	integer
FK	faculty_id	integer
	semester_offered	text
	course_code	integer

DepartmentMember

PK	dm_id	integer
FK	faculty_id	integer
FK	department_id	integer

Department

PK	department_id	integer
	department_name	text
FK	department_head	integer
	department_code	Text

Faculty

PK	faculty_id	integer
	first_name	text
	last_name	text
	birth_date	date
	email	text