Database Schema for Northeastern University Registry
ERD Diagram By Sankalp Mundra

STUDENTS

PK	student_id	VARCHAR(4)
	first_name	VARCHAR(30)
	last_name	VARCHAR(30)
	gender	CHAR(1)
	birth_date	DATE
	email_id	VARCHAR(30)
FK	major	VARCHAR(4)
	enrollment_date	DATE

ENROLLMENTS

PK	enrollment_id	VARCHAR(4)
	semester	VARCHAR(15)
	year	NUMBER(4, 0)
FK	student	VARCHAR(4)
FK	course	VARCHAR(10)

COURSES

PK	course_id	VARCHAR(10)
	name	VARCHAR(50)
	description	VARCHAR(150)
	credits	INTEGER
FK	instructor	VARCHAR(4)

MAJORS

PK	major_id	VARCHAR(4)
	name	VARCHAR(75)
FK	degree	VARCHAR(6)
FK	department	VARCHAR(4)

TEACHERS

PK	teacher_id	VARCHAR(4)
	first_name	VARCHAR(30)
	last_name	VARCHAR(30)
	gender	CHAR(1)
	birth_date	DATE
	email_id	VARCHAR(30)
	hire_date	DATE
FK	position	VARCHAR(4)
FK	department	VARCHAR(4)

POSITIONS

PK	position_id	VARCHAR(4)
	name	VARCHAR(35)
	salary	INTEGER

DEGREES

PK	degree_id	VARCHAR(6)
	name	VARCHAR(50)

DEPARTMENTS

PK	department_id	VARCHAR(4)
	name	VARCHAR(50)
	email_id	VARCHAR(35)
	total_budget	INTEGER
	year_founded	NUMBER(4, 0)

Symbol	Meaning	Number
	One	N/A
	Many	N/A
	Mandatory-One	Exactly one
	Optional-One	Zero or one
	Mandatory-Many	One or More
	Optional-Many	Zero or more