

Student		
Field	Data Type	Constraints
id	Integer	Unsigned, 0-4294967395, not null, primary key
name	VarChar	255 characters, not null
dept_name	Varchar	100 characters, not null, foreign key
tot_cred	SmallInt	Unsigned, not null, 0-65535

department		
Field	Data Type	Constraints
dept_name	Varchar	100 characters, not null, primary key
building	Varchar	255 characters, not null
budget	Integer	Unsigned, 0-4294967395, not null

instructor		
Field	Data Type	Constraints
ID	Integer	Unsigned, 0-4294967395, not null, primary key
name	Varchar	255 characters, not null
dept_name	Varchar	100 characters, not null, foreign key
salary	Integer	Unsigned, 0-4294967395, not null

course		
Field	Data Type	Constraints
course_id	VarChar	100 characters, not null, primary key
title	VarChar	100 characters, not null
dept_name	VarChar	100 characters, not null, foreign key
credits	Integer	Unsigned, 0-4294967395, not null

prereq		
Field	Data Type	Constraints
course_id	VarChar	255 characters, not null, primary key, foreign key
prereq-id	VarChar	255 characters, not null, primary key, foreign key

take		
Field	Data Type	Constraints
ID	Integer	Unsigned, 0-4294967395, not null, primary key
course_id	VarChar	255 characters, not null, foreign key
sec_id	Integer	Unsigned, 0-4294967395, not null, foreign key
semester	VarChar	255 characters, not null, foreign key
year	Integer	Unsigned, 0-4294967395, not null, foreign key
grade	VarChar	100 characters

time_slot		
Field	Data Type	Constraints
time_solt_id	VarChar	255 characters, not null, primary key
day	VarChar	255 characters, not null, primary key
start_hour	Integer	Unsigned, 0-4294967395, not null, primary key
start_min	Integer	Unsigned, 0-4294967395, not null, primary key
end_hour	Integer	Unsigned, 0-4294967395, not null
end_min	Integer	Unsigned, 0-4294967395, not null

teaches		
Field	Data Type	Constraints
ID	Integer	Unsigned, 0-4294967395, not null, primary key
course_id	VarChar	255 characters, primary key, not null, foreign key
sec_id	Integer	Unsigned, 0-4294967395, not null, primary key, foreign key
semester	VarChar	255 characters, not null, primary key, foreign key
year	Integer	Unsigned, 0-4294967395, not null, primary key, foreign key

advisor		
Field	Data Type	Constraints
s_id	Integer	Unsigned, 0-4294967395, not null, primary key, foreign key
i_id	Integer	Unsigned, 0-4294967395, not null, primary key, foreign key

section		
Field	Data Type	Constraints
course_id	VarChar	255 characters, not null, primarykey
sec_id	Integer	Unsigned, 0-4294967395, pnot null, primary key
semester	VarChar	255 characters, not null, primary key
year	Integer	Unsigned, 0-4294967395, not null, primary key
building	Varchar	255 characters, not null, foreign key
room_no	Integer	Unsigned, 0-4294967395, not null, foreign key
time_solt_id	VarChar	255 characters, not null, foreign key

classroom		
Field	Data Type	Constraints
building	Varchar	255 characters, not null, primary key
room_no	Integer	Unsigned, 0-4294967395, not null, primary key
capacity	Integer	Unsigned, 0-4294967395, not null