

Table: course		
Column	Data type	Constraints
課程編號 course_no	TEXT	·PRIMARY KEY ·NOT NULL
課程名稱 course_name	TEXT	·NOT NULL
修課別 course_type	TEXT	·NOT NULL ·CHECK (course_type IN ('選修', '必修'))
學分數 course_credit	INTEGER	·NOT NULL

Table: course_time		
Column	Data type	Constraints
課程編號 cno	TEXT	·NOT NULL
學期別 sem	INTEGER	·NOT NULL
授課時間 course_time	TEXT	·NOT NULL
Global table constraints		
·FOREIGN KEY (cno, sem) REFERENCES semester_course (course_no, semester)		
·PRIMARY KEY (cno, sem, course_time)		

Table: curriculum_field		
Column	Data type	Constraints
課程編號 cno	TEXT	·NOT NULL
課程領域 curriculum_field	TEXT	·NOT NULL
Global table constraints		
·PRIMARY KEY (cno, curriculum_field)		
·FOREIGN KEY (cno) REFERENCES course (course_no)		

Table: enroll			
	Column	Data type	Constraints
學生編號	sno	INTEGER	·NOT NULL
課程編號	cno	TEXT	·NOT NULL
學期別	sem	INTEGER	·NOT NULL
選課結果	select_result	TEXT	·CHECK (select_result IN ('中選', '落選', '人工加選')) ·NOT NULL
Global table constraints			
·PRIMARY KEY (sno, cno, sem) ·FOREIGN KEY (sno, cno) REFERENCES semester_course (course_no, semester) ·FOREIGN KEY (sno) REFERENCES student (student_no)			

Table: semester_course			
	Column	Data type	Constraints
課程編號	course_no	TEXT	·NOT NULL ·REFERENCES course (course_no)
學期別	semester	INTEGER	·NOT NULL
授課地點	course_building	TEXT	·NOT NULL
授課教室	course_room	TEXT	·NOT NULL
課程人數限制	course_limit	INTEGER	·NOT NULL
課程狀態	course_status	TEXT	·NOT NULL ·CHECK (course_status IN ('開課', '停開'))
Global table constraints			
·PRIMARY KEY (course_no, semester) ·FOREIGN KEY (course_no) REFERENCES course (course_no)			

Table: student			
	Column	Data type	Constraints
學生編號	student_no	INTEGER	·PRIMARY KEY AUTOINCREMENT ·NOT NULL
學生姓名	student_name	TEXT	·NOT NULL
學生系所	student_dept	TEXT	·NOT NULL
學生年級	student_grade	INTEGER	·NOT NULL
學生班別	student_class	TEXT	·NOT NULL
學生在學狀態	student_status	TEXT	·NOT NULL ·CHECK (student_status IN ('在學', '休學', '退學')) ·DEFAULT ('在學')

Table: takes			
	Column	Data type	Constraints
學生編號	sno	INTEGER	·NOT NULL
課程編號	cno	TEXT	·NOT NULL
學期別	sem	INTEGER	·NOT NULL
學期總成績	course_score	INTEGER	·DEFAULT NULL
教學評量結果	feedback_rank	TEXT	·CHECK (feedback_rank IN ('1', '2', '3', '4', '5')) ·DEFAULT NULL
Global table constraints			
·PRIMARY KEY (sno, cno, sem) ·FOREIGN KEY (sno) REFERENCES student (student_no) ·FOREIGN KEY (cno, sem) REFERENCES semester_course (course_no, semester)			

Table: teach		
Column	Data type	Constraints
課程編號 cno	TEXT	·NOT NULL
學期別 sem	INTEGER	·NOT NULL
教師編號 tno	INTEGER	·NOT NULL
Global table constraints		
·PRIMARY KEY (cno, sem, tno) ·FOREIGN KEY (cno, sem) REFERENCES semester_course (course_no, semester) ·FOREIGN KEY (tno) REFERENCES teacher (teacher_no)		

Table: teacher		
Column	Data type	Constraints
教師編號 teacher_no	INTEGER	·NOT NULL ·PRIMARY KEY AUTOINCREMENT
授課教師姓名 teacher_name	TEXT	·NOT NULL