Tbl4YrPlan

```
CREATE TABLE IF NOT EXISTS tbl4YrPlan (
pmkPlanId mediumint(8) NOT NULL,
fnkStudentId mediumint(8) NOT NULL,
fnkNetId varchar(15) NOT NULL,
fldDateCreated date NOT NULL,
fldCatalogYear varchar(15) NOT NULL,
fldNumCredits tinyint(3) NOT NULL,
fldMajor varchar(255) NOT NULL,
fldMinor varchar(255) NOT NULL,
PRIMARY KEY (pmkPlanId),
FOREIGN KEY (fnkStudentId) references TblStudents (pmkStudentId),
FOREIGN KEY (fnkNetId) references TblAdvisors (pmkNetId)
);
```

TblAdvisors

```
CREATE TABLE IF NOT EXISTS tblAdvisors (
fldLastName varchar(100) NOT NULL,
fldFirstName varchar(100) NOT NULL,
pmkNetId varchar(12) NOT NULL,
PRIMARY KEY (pmkNetId)
);
```

TblCourses

```
CREATE TABLE IF NOT EXISTS tblCourses (
pmkCourseId int(11) NOT NULL,
fldCourseNumber int(11) NOT NULL,
fldCourseName varchar(250) NOT NULL,
fldDepartment varchar(5) NOT NULL,
fldCredits tinyint(4) NOT NULL,
PRIMARY KEY (pmkCourseId)
);
```

TblStudents

```
CREATE TABLE IF NOT EXISTS tblStudents (
pmkStudentId mediumint(8) unsigned NOT NULL,
fldFirstName varchar(255) DEFAULT NULL,
fldLastName varchar(255) DEFAULT NULL,
PRIMARY KEY (pmkStudentId)
);
```

TblSemesterPlan

```
CREATE TABLE IF NOT EXISTS tblSemesterPlan (
pmkYear varchar(255) NOT NULL,
pmkTerm varchar(255) NOT NULL,
fnkPlanId mediumint(8) NOT NULL,
fldDisplayOrder varchar(255) NOT NULL,
fldNumCredits tinyint(3) NOT NULL,
PRIMARY KEY (pmkYear, pmkTerm),
FOREIGN KEY (fnkPlanId) references Tbl4YrPlan (pmkPlanId)
);
```

TblSemesterPlanCourses

```
CREATE TABLE IF NOT EXISTS tblSemesterPlanCourses (
fnkCourseId mediumint(8) NOT NULL,
fnkPlanId mediumint(8) NOT NULL,
fnkYear varchar(255) NOT NULL,
fnkTerm varchar(255) NOT NULL,
fldDisplayOrder varchar(255) NOT NULL,
PRIMARY KEY (fnkCourseId, fnkPlanId, fnkYear, fnkTerm)
FOREIGN KEY (fnkCourseId) references TblCourses (pmkCourseId),
FOREIGN KEY (fnkPlanId) references Tbl4YrPlan (pmkPlanId),
FOREIGN KEY (fnkYear) references TblSemesterPlan (pmkYear),
FOREIGN KEY (fnkTerm) references TblSemesterPlan (pmkTerm)
);
```