CREATE TABLE DEPARTAMENTOS(

D# CHAR(2) NOT NULL,

DNOMBRE CHAR(6) NOT NULL

CONSTRAINT PK\_DEPARTAMENTOS PRIMARY KEY (D#)

);

CREATE TABLE CARRERAS(

C# CHAR(2) NOT NULL,

CNOMBRE CHAR(3) NOT NULL,

VIGENCIA CHAR(4) NOT NULL,

SEMESTRES NUMERIC(2) NOT NULL,

D# CHAR(2) NOT NULL,

CONSTRAINT PK\_CARRERAS PRIMARY KEY (C#),

CONSTRAINT FK\_CARRERAS FOREIGN KEY (D#) REFERENCES DEPARTAMENTOS(D#)

);

CREATE TABLE ALUMNOS(

A# CHAR(2) NOT NULL,

ANOMBRE CHAR(20) NOT NULL,

GENERACION CHAR(4) NOT NULL,

SEXO CHAR(1) NOT NULL,

C# CHAR(2) NOT NULL,

CONSTRAINT PK\_ALUMNOS PRIMARY KEY(A#),

CONSTRAINT FK\_ALUMNOS FOREIGN KEY(C#)REFERENCES CARRERAS(C#)

);

CREATE TABLE MATERIAS(

M# CHAR(2) NOT NULL,

MNOMBRE CHAR(6) NOT NULL,

CREDITOS NUMERIC(2) NOT NULL,

C# CHAR(2) NOT NULL,

CONSTRAINT PK\_MATERIAS PRIMARY KEY (M#),

CONSTRAINT FK\_MATERIAS FOREIGN KEY (C#) REFERENCES CARRERAS(C#)

);

CREATE TABLE PROFESORES(

P# CHAR(2) NOT NULL,

PNOMBRE CHAR(20) NOT NULL,

EDAD NUMERIC(2) NOT NULL,

SEXO CHAR(1)NOT NULL,

ESP CHAR(4) NOT NULL,

GRADO CHAR(3) NOT NULL,

D# CHAR(2) NOT NULL,

CONSTRAINT PK\_PROFESORES PRIMARY KEY (P#),

CONSTRAINT FK\_PROFESORES FOREIGN KEY (D#) REFERENCES DEPARTAMENTOS(D#)

);

CREATE TABLE INSCRITOS(

R# CHAR(3) NOT NULL,

A# CHAR(2) NOT NULL,

M# CHAR(2) NOT NULL,

P# CHAR(2) NOT NULL,

TURNO CHAR(1) NOT NULL,

SEMESTRE CHAR(6) NOT NULL,

CALIFICACION NUMERIC(3) NOT NULL,

CONSTRAINT PK\_INSCRITOS PRIMARY KEY (R#),

CONSTRAINT FK\_INSCRITOS\_01 FOREIGN KEY (A#) REFERENCES ALUMNOS(A#),

CONSTRAINT FK\_INSCRITOS\_02 FOREIGN KEY (M#) REFERENCES MATERIAS(M#),

CONSTRAINT FK\_INSCRITOS\_03 FOREIGN KEY (P#) REFERENCES PROFESORES(P#)

);