



Design the Relational Model corresponding to University ER Model

(page 262, Fig. 8.9)

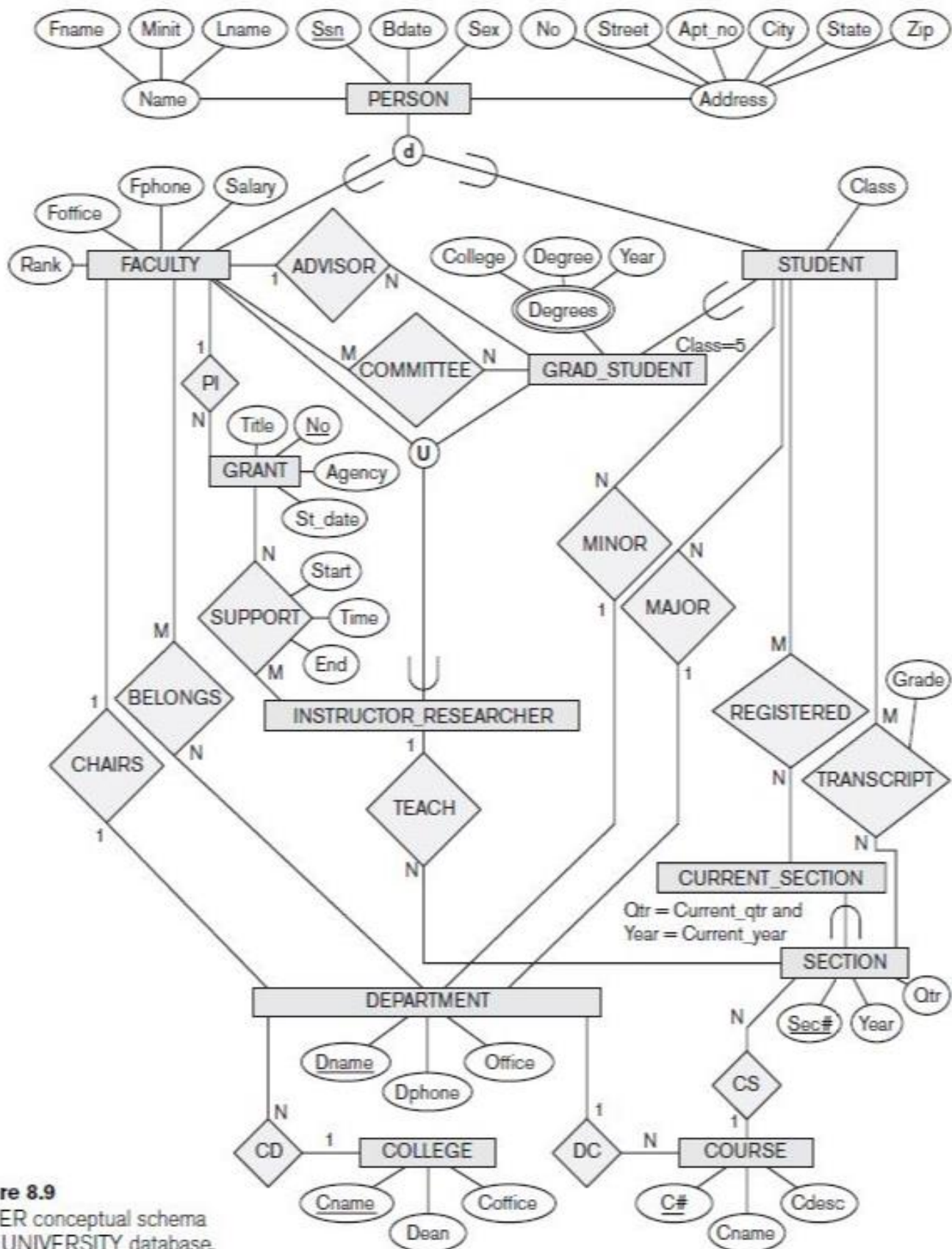
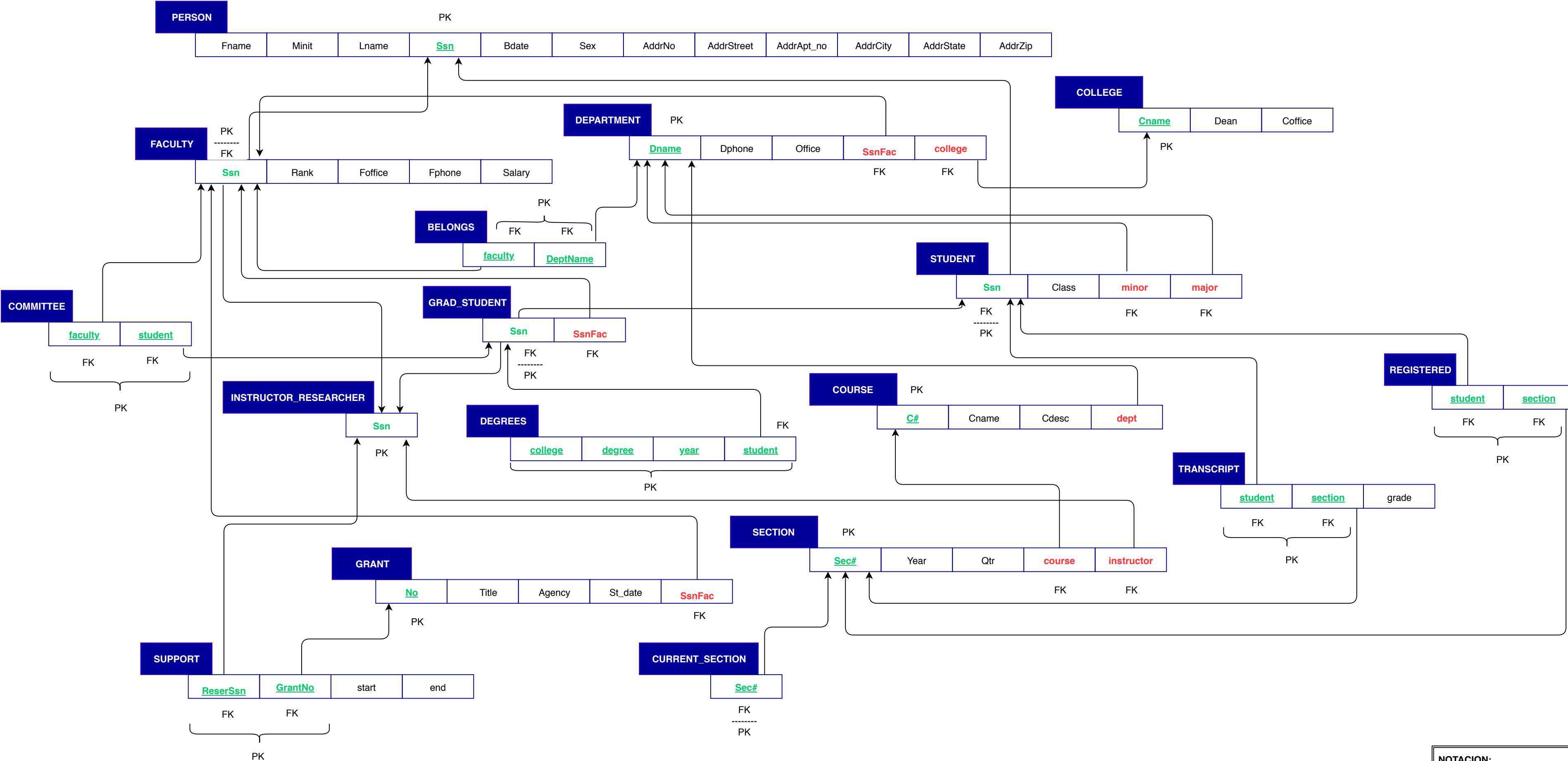


Figure 8.9
EER conceptual schema
for a UNIVERSITY database.



NOTACION:

PRIMARY KEY

FOREIGN KEY

Design Development

FACULTY

Ssn point to Ssn (PERSON)

STUDENT

Ssn point to Ssn (PERSON)

minor point to Dname (DEPARTMENT)

major point to Dname (DEPARTMENT)

GRAD STUDENT

Ssn point to Ssn (STUDENT)

Ssn point to Ssn (INSTRUCTOR_RESEARCHER)

advisor point to Ssn (FACULTY)

FACULTY

Ssn point to Ssn (INSTRUCTOR_RESEARCHER)

DEGREES

student point to Ssn (GRAD_STUDENT)

GRANT

PI point to Ssn (FACULTY)

DEPARTMENT

chair point to Ssn (FACULTY)

college point to Cname (COLLEGE)

COURSE

dept point to Dname (DEPARTMENT)

SECTION

course point to C# (COURSE)

instructor point to Ssn (INSTRUCTOR_RESEARCHER)

CURRENT_SECTION

Sec# point to Sec# (SECTION)

BELONGS

faculty point to Ssn (FACULTY)

dept point to Dname (DEPARTMENT)

SUPPORT

grant point to No (GRANT)

person point to Ssn (INSTRUCTOR_RESEARCHER)

REGISTERED

student point to Ssn (STUDENT)

TRANSCRIPT

section point to sec# (SECTION)

COMITTEE

faculty point to Ssn (FACULTY)

student point to ssn (GRAD_STUDENT)



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