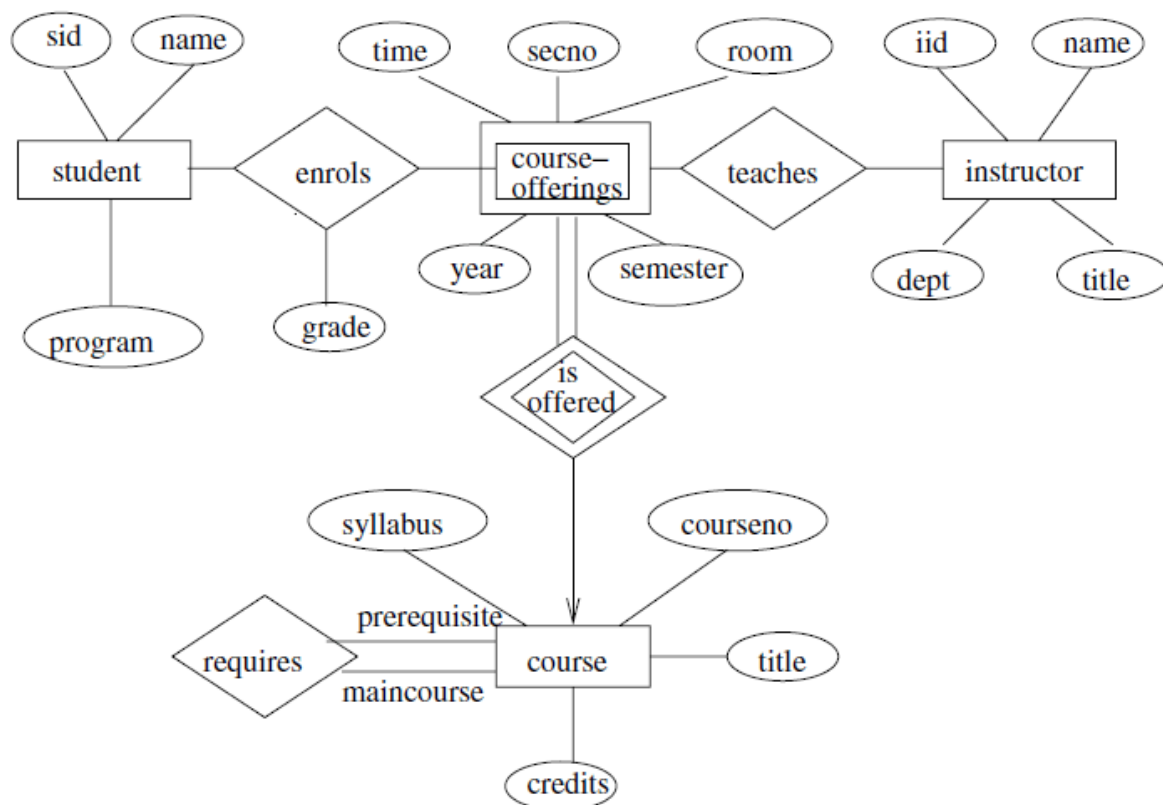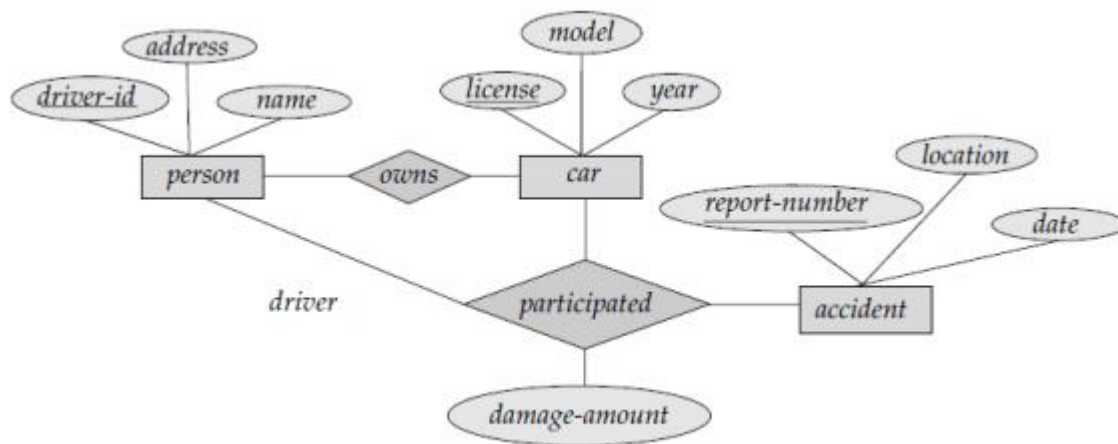A university registrar's office maintains data about the following entities:

1. courses, including number, title, credits, syllabus, and prerequisites;

2. course offerings, including course number, year, semester, section number, instructor(s), timings, and classroom;

3. students, including student-id, name, and program;

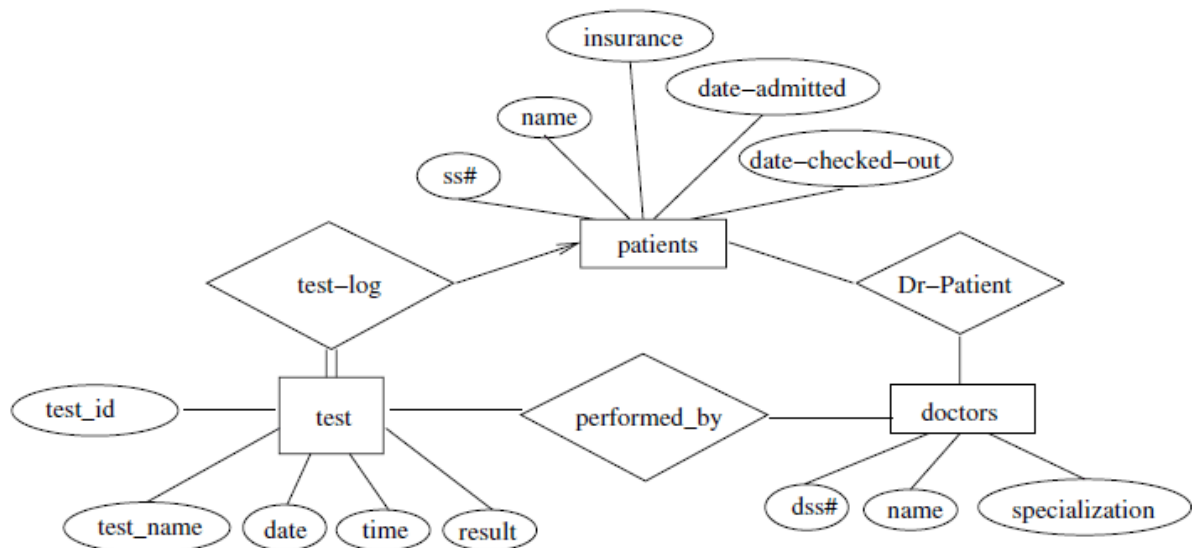4. instructors, including identi-cation number, name, department, and title.

E-R diagram for a university.

Construct an E-R diagram for a car-insurance company whose customers own one or more cars each. Each car has associated with it zero to any number of recorded accidents.

E-R diagram for a Car-insurance company.

Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examinations conducted.

E-R diagram for a hospital.