$department \, (\underline{\textbf{dept\_name}}, \, \textbf{building}, \, \textbf{budget})$ 

 $student \ (\underline{\textbf{ID}}, name, \ \underline{\textbf{dept\_name}}, tot\_cred)$ advisor (s\_id, i\_id) course (<a href="mailto:course">course (course\_id</a>, title, dept\_name, credits)

instructor (ID, name, dept\_name, salary)

prereq (<u>course\_id</u>, <u>prerep\_id</u>)

classroom (building, room\_number, capacity) section (<a href="mailto:course\_id">course\_id</a>, sec\_id</a>, semester</a>, year</a>, building</a>, room\_number</a>, time\_slot\_id)

takes (ID, course\_id, sec\_id, semester, year, grade)

teaches (ID, course\_id, sec\_id, semester, year)

 ${\tt department} \ (\underline{{\tt dept\_name}}, \ {\tt building}, \ {\tt budget})$ 

- -course (course\_id, title, dept\_name, credits)
- -student (ID, name, dept\_name, tot\_cred)
- -instructor ( $\underline{\textbf{ID}},$  name, dept\_name, salary)
- $--- section \ (\underline{\textbf{course\_id, sec\_id, semester, year}}, \ \textbf{building, room\_number, time\_slot\_id})$
- ----takes (ID, course\_id, sec\_id, semester, year, grade)
- $---- teaches \ ( \underline{\textbf{ID, course\_id, sec\_id, semester, year} )$
- --prereq (course\_id, prerep\_id)
- --classroom (building, room\_number, capacity)
- --advisor (<u>s\_id</u>, i\_id)