

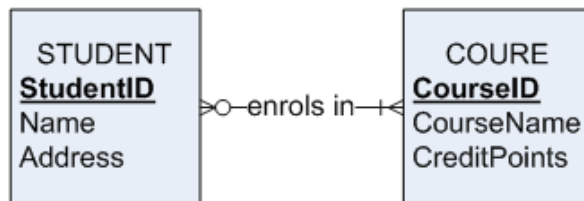
## COIT20247 - Database Design & Development

### Tutorial – Logical design (ER Transformation)

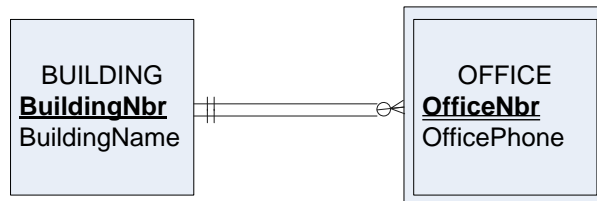
#### Practical application

Convert the following ER models into relations:

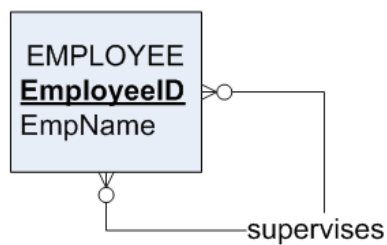
1. Convert this ER model to a set of relations:



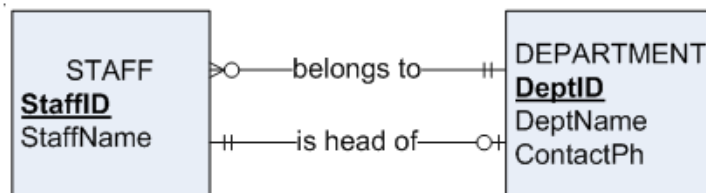
2. Convert this ER model into a set of relations:



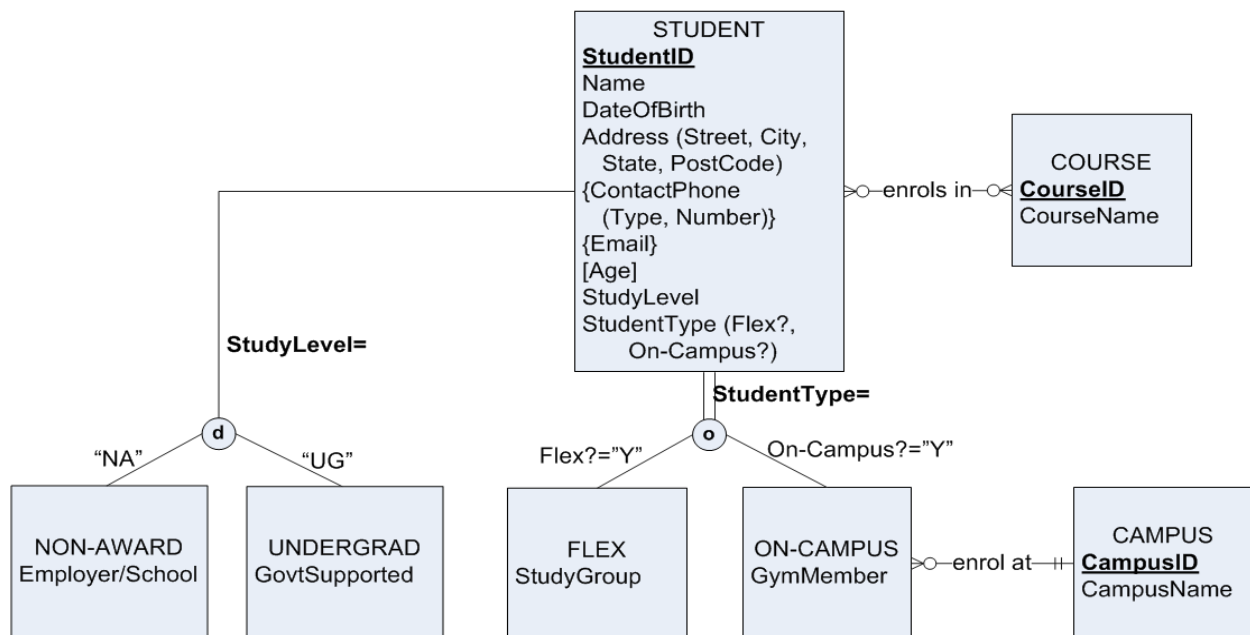
3. Convert this ER model into a set of relations



4. Convert this ER model into a set of relations



5. Convert this ER model into a set of relations:



6. The ER model for *Best Books* (Case study 0) given in the tutorial solution *Conceptual modelling – basic structures* (page 3 of the solution).
7. The ER model for *Real Estate* (Case study 1) given in the tutorial solution *Conceptual modelling – basic structures* (page 3 of the solution).
8. The ER model for *Milk dairy* (Case study 1) given in the tutorial solution *Conceptual modelling – advanced structures* (page 2 of the solution).
9. The ER model for *Quikfix Electronics* (Case study 2) given in the tutorial solution *Conceptual modelling – advanced structures* (page 4 of the solution).
10. The ER model for *Building Brokerage Services* (Case study 3) given in the tutorial solution *Conceptual modelling – advanced structures* (page 6 of the solution).