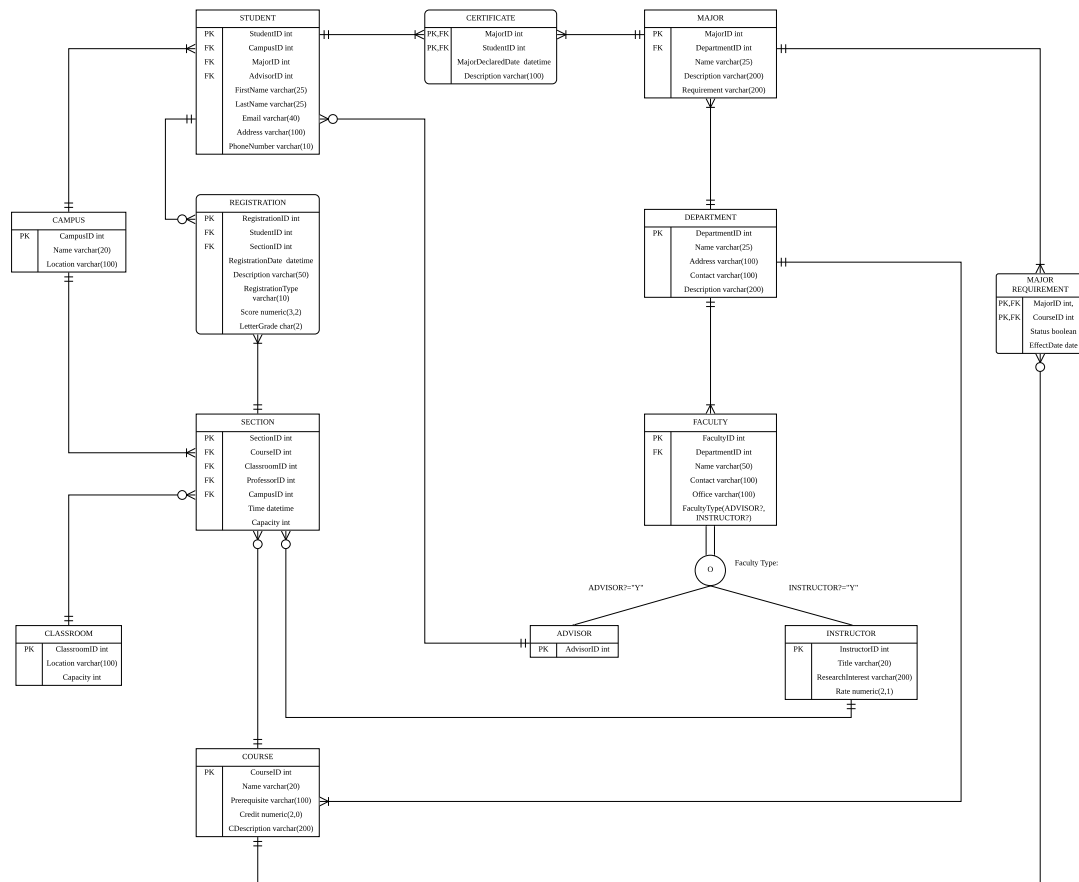


Final ERD:



Changes in ERD:

1. Add attributes in REGISTRATION Entity.
2. Add subtype discriminator in FACULTY Entity, add Faculty Type attributes, Completeness Constraint is Total Specialization, and Disjointness Constraint is Overlap.
3. Transform the old major associative entity to 3NF by creating a separate entity major and an associative entity CERTIFICATE which connect the major and student.
4. Change the primary key in MAJOR REQUIREMENT Entity to MajorID and CourseID. Change its original primary key "Status Boolean" to an attribute of this entity.
5. Rename attributes appropriately, like FirstName and LastName in STUDENT entity.