# Overview of class using course outcomes

| Database fundamentals | Systems development | Societal |
|---|---|---|
| Data modeling and the Relational Model (R2 & R3)<br><br>Normalization (R4)<br><br>Write SQL DDL and DML (R5)<br><br>Transactions (R6)<br><br>Code-injection (R7)<br><br>Semi-Structured Data (R8) | Systems/software development life cycle (R9)<br><br>Actual DBMS product (R10)<br><br>Develop application for external clients (R11) | Information stewardship (R1) |