

Knowledge Bases and Databases

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Structure of the course

- ① First-order queries
 - ① First-order logic
 - ② First-order query evaluation
 - ③ Conjunctive queries
- ② Ontology-based access to information
 - ① Introduction to ontologies
 - ② Description Logics as ontology formalisms
 - ③ Reasoning in lightweight Description Logics
 - ④ Accessing data through ontologies
- ③ Data integration
 - ① Introduction to data integration
 - ② Query answering in the absence of constraints
 - ③ Query answering in the presence of constraints