

Databases

Danilo Montesi

danilo.montesi@unibo.it

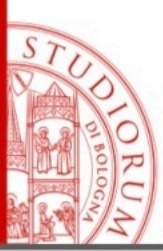
<http://www.unibo.it/docenti/danilo.montesi>

Teaching materials

<https://goo.gl/mqx6pk>

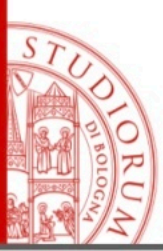
Goals

- To acquire both the concepts and the principles of database management systems
- To realize databases through models, methods and systems for defining, designing and developing information systems



Contents

- Lectures
 - Relational Models and Relational Languages
 - Designing a Relational Database
 - Technologies used in Relational Databases
 - Advances in Databases

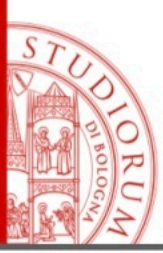


Place and time

- As announced
- We could settle some arrangements

Course Materials

- Books
 - Paolo Atzeni, Stefano Ceri, Stefano Paraboschi, Riccardo Torlone, *Basi di dati*, 5/ed, 2018, ISBN 9788838694455
 - R. Ramakrishnan, and J. Gehrke *Database Management Systems*, McGraw-Hill, 2000, ISBN 0072322063
- Slides & other material
 - <https://goo.gl/mqx6pk>



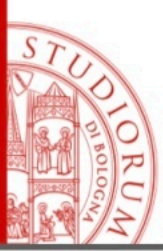
Assessment Methods (1)

- Written Test (with no notes/books etc).
- Some old examination texts to practice on can be found here:

<https://tinyurl.com/y5vl7cbp>

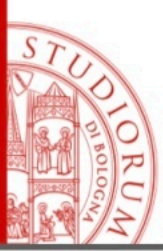
Assessment Methods (2)

- If you want a grade greater than 28/30, you must work on an optional project:
 - teams composed by at least 2 members and at most 4 people
 - the topic must be discussed with the lecturer
 - ...during the lecture time
 - the project lasts for 12 months from the submission date
 - within this period of time, you must pass the written test.



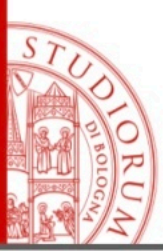
Kinds of Projects

- Design of a database (the web page of this course provides an example)
- Advanced project to be discussed with the lecturer



Almaesami

- You must register for your exam through the Almaesami platform in the period of time preceeding the desired exam session.
- **You can register for your exam until one week before the written test**
- You are admitted to the written test if and only if you registered for it as aforementioned
- The lecturer does not register for your exam on behalf of students
- The final grade only is recorded directly on Almaesami (no exam booklet)
- Written test (optional supplementary oral exam)



For further information

- **Always check the web page of the course** (it's always updated) before asking anything.
- **Do not send emails asking things like:**
 - when the office hours are hold?
 - Can I talk to you?
- **Subscribe to the RSS feeds** to be updated on office hours variations, exams, etc.