

## Artificial Intelligence: Course outline

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- Overview of main AI research areas
- Wide spectrum of AI applications
- Methodology and tools for AI research
- Outlook at AI research trends
- Propaedeutic to advanced topics in AI: problem solving, domain-independent problem solving, data mining, collective intelligence

## Study materials

- Textbook:
  - **Russell, Norvig.** *Artificial intelligence: A modern approach*, **2nd edition**. **Pearson/Prentice Hall**.
  - Also edition in Italian, 2 vols (2nd used partially in this course)
- Slides and other resources:  
<http://elearning.ing2.unibo.it>