

Master of Science in Artificial Intelligence and Robotics  
University of Rome “La Sapienza”

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# Artificial Intelligence Exam

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# Exam Structure

- 3/4 long exercises.
- 2h and 30 minutes.
- Each exercise is structured with different items.
- Each item contributes a number of points based on its difficulty.
- Each exercise contributes a similar number of points unless one is particularly easy or difficult.
- I do not indicate the number of points per exercise explicitly.

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# Exam Philosophy

- Problem-solving exams.
- All topics covered during the lectures can be part of the exam.
- You will do some exam simulations. They are SIMULATIONS. Hence, the exam will not be identical to them. The exam can present different topics and different styles of exercises.
- If you study the slides well, INCLUDING all the examples and questions, you will be able pass the exam without problems.

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# Exam Themes

**INTRODUCTION TO AI**

**INTELLIGENT AGENTS**

**SEARCH**

**GAMES**

**LOGICAL AGENTS**

**PLANNING**

**CONSTRAINT  
SATISFACTION PROBLEMS**

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# Exam Rules

- Please register for the exam by the deadline.
- Please come 10/15 minutes before the exam starts.
- Please bring an identity document (ID card, passport, driving license).
- We will provide sheets to solve the exercises; you only need a pen.
- No material can be consulted during the exam.
- You cannot take anything with you to the desk; bags and **PHONES** (or other devices) need to be left at the entrance of the room.
- The exam needs to be done individually.
- You need to return **ALL** the sheets we give you.

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# Suggestions

- Keep track of the time!
- Be neat in your writing and working out.
- Write down your line of reasoning; an exercise can receive full points even if it presents some minor mistakes, but the line of reasoning is reasonable.
- Assess your piece of work before submitting the exam.
- Passing the exam is about understanding the material in the slides, not mechanically solving many exercises of the same style.