



## **7. Brief list of topics to be covered**

- Intelligent agents (2 lectures)
- Greedy and A\* search (2 lectures)
- Heuristics functions (1 lecture)
- Games and adversarial search (1 lecture)
- The Minimax algorithm (2 lectures)
- The Expectimax algorithm (2 lectures)
- Multiplayer games and Utilities (1 lecture)
- Monte Carlo Tree Search (1 lecture)
- Markov Decision Processes (MDP) (4 lectures)
- Reinforcement Learning (4 lectures)
- Machine Learning and Applications (4 lectures)