

# 24304 Artificial Intelligence

## *Universitat Pompeu Fabra*

### **P1 Search With Pacman, Part 1**

Go to:

<http://inst.eecs.berkeley.edu/~cs188/pacman/search.html>

Download the required files and follow the explanations. You will be modifying the files **search.py** and **searchAgents.py**.

Do the **questions 1-4** and answer the corresponding questions in the .pdf file (iv part, look at the general instructions). You'll be implementing DFS, BFS, UC and A\*.

Use the class slides as reference for the implementation. You may also want to have a look at the reference book (AI a modern approach) to have access to pseudocode and explanations as well.