



Summary sheet for LT2318 Artificial Intelligence: Cognitive Systems

This summary sheet has been created to help candidates in the application process.

1. Personal details

Name:

Surname:

Application number at www.universityadmissions.se:

2. Academic background: general field of study

I have completed courses of at least 180 credits/ECTS at the bachelor level

Typically, students who are admitted to this course have a bachelor degree in computational linguistics, natural language processing, language technology, artificial intelligence, linguistics, psychology, cognitive science, computer science, computer vision, computer graphics, computer game design, data science, engineering, robotics and related. What field(s) have you studied?

3. Academic background: specific skills

- *Programming (7.5 credits/ECTS)*: To follow this course you will need to be able to understand and write programming code in Python. Write the name of the courses (including the credits awarded) in which you have studied programming, what programming language(s) have you used and what problems you have been solving.

- *Machine learning (7.5 credits/ECTS)*: We will learn how to train language models that are grounded in computer vision using a framework called PyTorch. What is your experience with machine learning? Note that statistical modelling also counts.

- *Application of programming, formal and data-driven techniques and methods to solve some practical problem(s)*. Here you can list any other courses, knowledge and skills that you consider relevant for this course.

4. Equivalence of credits

If you have taken courses outside Sweden and the credits of your courses do not correspond to ECTS, provide a brief explanation of their equivalence.

In Sweden 60 credits/ECTS represent the work of a year of study and normally 30 credits are given for a semester. Typically, students study eight 7.5 credits courses per year which amounts to 60 credits. One week or 40 hours of full-time study (which includes both classroom and individual study) corresponds to 1.5 credits.

A reference to a website explaining the credit system of your courses:

5. *Why would you like to take this course?*

How will participation in this course help with your academic and professional career?