UPPSALA
UNIVERSITET

Application summary sheet for Master's Programme in Image Analysis and Machine Learning

The purpose of this form is to facilitate the University's assessment of your qualifications for eligibility and selection for the programme. Upload this document with the rest of your application on www.universityadmissions.se. This form does not replace the transcript of records in your application.

Requirements

In addition to the general requirements (a Bachelor's degree and English language proficiency), you need du fulfil the following *specific* requirements of the programme:

- 80 credits in computer science and mathematics;
- 30 credits in mathematics, including statistics and probability, linear algebra, and single variable calculus;
- 30 credits in computer science, including 5 credits in introductory programming.

The 80 credits in the requirements are intended as the sum of computer science and mathematics courses. These include the 30 credits in computer science, the 30 credits in mathematics, specified in the subsequent requirements.

Credits "in computer science" include a broad selection of courses in hardware, software, systems and human-computer interaction. Not included are normally courses in electronics (analog and digital) and courses in business organisation.

Credits "in mathematics" include pure and applied mathematics, but also topics such as Logic (predicate logic, proof theory), Automata Theory, Theory of Computation, Signal Processing (Fourier Transform etc.).

Sometimes a part of a course is "in mathematics", but not the whole course (e.g. Automata Theory taught in Compiler Design, or Linear Algebra taught in Computer Graphics). These credits count, but if you need to rely on such credits to satisfy the requirement it is strongly recommended that you submit the course syllabus.

Credits

The word “credits” in the requirements above refers to the system of European credits (ECTS). If your university uses a different credit system and does not provide a conversion between your local credits and ECTS credits, then we ask you to calculate a conversion considering that 60 ECTS credits correspond to a full year of study. Knowing the total number of credits needed to get a degree in your system and the duration of the degree (number of years) you can estimate the conversion factor (CF) as follows:

$$CF = \frac{number\ of\ years \times 60}{total\ credits}$$

For example, if your 3-year Bachelor degree corresponds to 120 credits in your system, then:

$$CF = \frac{3 \times 60}{120} = 1.5$$

This means that a 4 credit course in your system corresponds to $4 \times CF = 6$ ECTS credits.

Identification and degrees

First name	Last name
Application number	

Bachelor/Undergraduate degree

Name of University	Country
Period of study*	Grade average** OUT OF
Degree and field of study	Duration of study programme in years***
Total number of credits****	CF, see description in information above

Master/Graduate degree (if applicable)

Name of University	Country
Period of study*	Grade average** OUT OF
Degree and field of study	Duration of study programme in years***
Total number of credits****	CF, see description in information above

* Write the start month+year and end month+year (expected month if the study is ongoing).
** Grade average can be a GPA (typically out of 4, 4.3 or 5), a percentage (out of 100), or an average (out of 10, 20, 30 or whatever the maximum local grade is). If there is no applicable way to compute a grade average, leave this blank.
*** The expected number of years for completing the program assuming uninterrupted full time studies.
**** The total number of credits needed to get the degree.

Additional information

Provide a clarification if a study was split over several universities (including exchange studies), part-time studies, study breaks, etc.

Required credits

- Instructions for filling in the following tables:
- If only part of a course is in mathematics/computer science, indicate only those credits in columns “local” and “ECTS” and mark column (a) with an X.
- If a course is ongoing (not completed yet) mark column (b) with an X.
- Use column (c) to specify if the credits cover any of the following requirements: introductory programming (write P in the column), linear algebra (write LA), single variable calculus (write C); statistics and probability (write SP).

Credits in mathematics, statistics and probability

Course name as stated in transcript of records	credits		grade	a)	b)	c)
	local	ECTS				
Summation						

Credits in computer science

Course name as stated in transcript of records	credits		grade	a)	b)	c)
	local	ECTS				
Summation						

Project or thesis

The main purpose of this page is to determine if the project contributes credits to mathematics or computer science. Please include those credits also in the tables on the previous pages.

☐ I have performed an independent research project, internship or similar. Please fill in the title, abstract and duration of the project.

☐ I am currently undertaking or planning to do a research project as described above. Please describe your project as detailed as possible including start and end date.

☐ I have not done any research project of this kind.

Project title
Abstract or project description (max 250 words)
Duration of project:

Statement of purpose

Please describe briefly (max 400 words):

- your main field of interest and what you want to study at Uppsala University (what are the key subjects you want to study, and why);
- how your previous studies and experiences have prepared you for this;
- any other information that you think can be helpful for us.