UPPSALA UNIVERSITET

Application summary sheet for the Master's Programme in Water Engineering

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.

In this application summary sheet, you will need to indicate the number of credits you have in the specific requirement areas, and you will need to submit a statement of purpose.

Requirements

In addition to the *general* requirements (a Bachelor's degree and English language proficiency), you need to fulfil the sp*ecific* requirements, which are:

- 10 credits in physics
- 5 credits in chemistry
- 20 credits in mathematics
- 90 credits in engineering

For admissions, the actual course content in physics, chemistry, mathematics and engineering is not strictly defined, but we are nonetheless interested in the content of the courses you have taken prior to your application to the program. For example, the following topics are commonly covered in BSc-level engineering programs:

- Physics – mechanics, electromagnetism, electronics, thermodynamics, nuclear physics
- Chemistry – general chemistry, inorganic chemistry, organic chemistry, analytical chemistry
- Mathematics – single variable calculus, multiple variable calculus, linear algebra, geometry, statistics, transform methods

As for credits in engineering, it is assumed that you have a sufficient number of credits in engineering if you have a BSc degree in any field of engineering. However, if you have a degree in another field (e.g. physics, water resources, agricultural science), you will need to demonstrate that you have 90 credits in the field of engineering.

Credits

The credit system refers to the European Credit Transfer System (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×CF=6 ECTS credits.

Identification and degrees

First name	Family name
Application number	

Bachelor/Undergraduate degree

Name of University		Country
Period of study*		Grade average** OUT OF (maximum possible)
Degree and field of study		
Duration of study program in years***	Total number of credits****	CF, see description on the first page of this document

* Write the start month+year and end month+year of your studies (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.

Master/Graduate degree (if applicable)

Name of University		Country
Period of study*		Grade average** OUT OF (maximum possible)
Degree and field of study		
Duration of study program in years***	Total number of credits****	CF, see description on the first page of this document

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:

- For the tables for physics, chemistry and mathematics courses, insert the names of all the courses you have taken that can be considered within these subject areas. Indicate also the course content. For example, “mechanics” in physics or “linear algebra” for mathematics. Several items of content can be given for the same course, such as “derivatives and integrals”.
- The table for engineering is only to be completed if you do not have a BSc degree in a field of Engineering.
- Give the total number of credits for the course, both in terms of the local credit system and also ECTS using the conversion factor discussed previously.
- If the course is not yet completed, mark this column with an **X**.

Credits in physics

Course code	**Course name as stated in transcript of records *and* short description of course content**	**Credits**		**Grade**	**Not yet completed**
		Local	**ECTS**		
	Total credits:				

Credits in chemistry

Course code	Course name as stated in transcript of records *and* short description of course content	Credits		Grade	Not yet completed
		Local	ECTS		
	Total credits:				

Credits in mathematics

Course code	Course name as stated in transcript of records *and* short description of course content	Credits		Grade	Not yet completed
		Local	ECTS		
	Total credits:				

Credits in engineering (only to be completed if you do not have a BSc in field of engineering)

Course code	Course name as stated in transcript of records	Credits		Grade	Not yet completed
		Local	ECTS		
	Total credits:				

Statement of purpose (maximum 500 words)

Please provide, in the field below, a short description of your background and why you want to pursue a Master's degree in Water Engineering from Uppsala University. In your statement, include any previous work or other experiences you consider as relevant for your future studies. Maximum 500 words.