



ELTE

FACULTY OF  
INFORMATICS

# The prerequisites

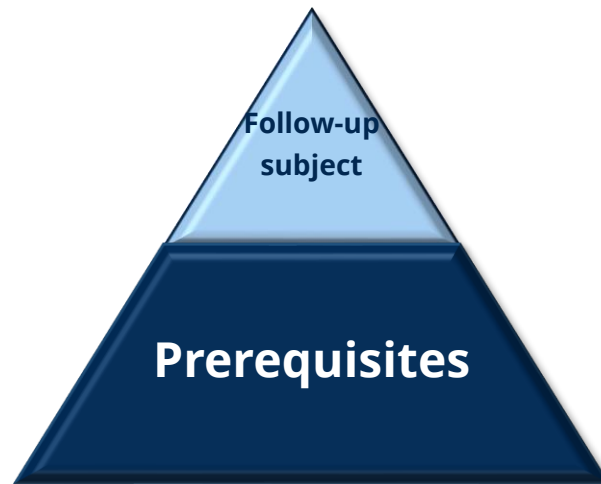
- The strong prerequisite
- The weak prerequisite
- Markings of the prerequisite in the curriculum

# The prerequisites

## What does prerequisite mean?

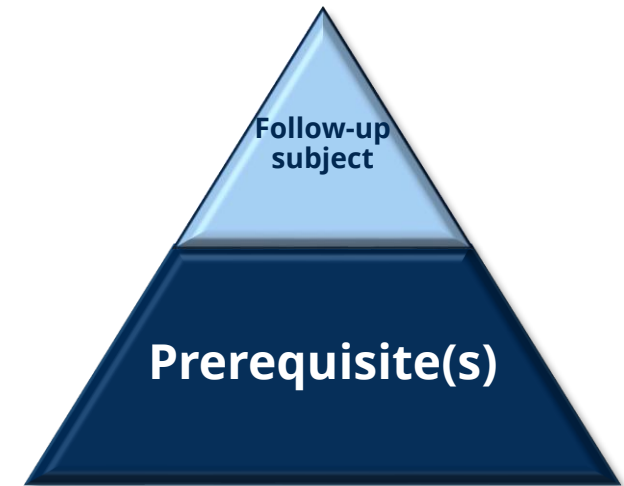
They are requirements you must meet before taking certain subjects (follow-up subjects). There are two types of prerequisites: strong prerequisites and weak prerequisites.

These will be discussed in the following.



# The strong prerequisite

- **Strong prerequisites are prerequisites without which the the follow-up subject cannot be taken in the next semester, and the follow-up subject can only be registered for after the prerequisite subject has been fulfilled. The strong prerequisite must be completed before taking the follow-up subject.**
- **Imagine a pyramid:** in order to climb to the top of the pyramid, you have to climb its building blocks one by one in order to reach the top.  
**This is also the case with the strong prerequisite: you cannot register for or complete the follow-up subject (the top of the pyramid) until you have completed the prerequisite subject (the building blocks).**
- Neptun will automatically deregister you from the subject if you do not meet this prerequisite. You will find the prerequisites for the subjects in the Prerequisites column of your curriculum; strong prerequisites have no special annotations .



# The weak prerequisite



- Can be taken in the same semester as the follow-up subject, but you must complete it first before you pass the follow-up.
- If not completed, your grade in the follow-up subject will automatically be failed/unfulfilled even if you pass its exam!
- **Imagine a locked door:** you can only pass through the door if you have a key. In this case, you can only pass the follow-up subject (door) if you have a key to open the lock (the completed prerequisite subject).
- **If you register for the follow-up subject, but you cannot pass it in a given semester due to a failed prerequisite,** the follow-up subject will not be counted into the maximum 3 subject registrations/subject limit during your studies (regarding termination of student status).
- **You can find the prerequisites for the subjects in the Prerequisite column in your curriculum; weak prerequisites have the annotation '*weak*'.** If a subject has a theoretical (exam) and a practical (practice) subject as well and they are offered as two separate subjects, with two different subject codes, the practical subject (practice) is a weak prerequisite of the theoretical (exam) subject offered in the same semester.

# Markings of the prerequisites in the curriculum

- Strong prerequisites have no special annotation,
- Weak prerequisites are marked as *'weak'*.

Subject Code	Subject	Lecture (L)	Practice (Pr)	Laboratory	Consultation	Form of assessment	Credit	Recommended Semester	Prerequisite	1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester
IP-18fPNYEG	<a href="#">Programming languages</a>	2	0	2	2	XCP	6	2	IP-18fIMPROGEG		2+0+2+2				
IP-18fOEPROGEG	<a href="#">Object-oriented programming</a>	2	0	3	1	XCP	6	2	IP-18fPROGEG		2+0+3+1				
IP-18fWF1EG	<a href="#">Web development</a>	1	0	2	0	XCP	3	2	IP-18fSZGREG (weak)		1+0+2+0				
IP-18fAA1E	<a href="#">Algorithms and data structures I</a>	2	0	0	0	E	2	2	IP-18fAA1G (weak)		2+0+0+0				
IP-18fAA1G	<a href="#">Algorithms and data structures I</a>	0	2	0	1	P	3	2	IP-18fMATAG, IP-18fPROGEG		0+2+0+1				
IP-18fDM1E	<a href="#">Discrete mathematics I</a>	2	0	0	0	E	2	2	IP-18fDM1G (weak)		2+0+0+0				
IP-18fDM1G	<a href="#">Discrete mathematics I</a>	0	2	0	1	CP	3	2	IP-18fMATAG		0+2+0+1				
IP-18fAN1E	<a href="#">Analysis I</a>	2	0	0	0	E	2	2	IP-18fAN1G (weak)		2+0+0+0				

