Requirement of a computer during the studies

Turku UAS is increasingly moving from using computers in classrooms to using students' own computers. In practice, this means that you must have your own laptop computer available during the school day.

The school will provide you with all the main basic software free of charge. In some cases, you may have to purchase additional software at your own expense. These will be explained in more detail at the beginning of a course.

Turku UAS operates on Microsoft Windows environment

At Turku UAS, the Windows environment is commonly used, so it is recommended that your computer has Windows 10 or 11 operating system. You can also use macOS or Linux if you wish, but you will have to be prepared for various compatibility issues and you will not receive the same support for using your computer during your studies as you would with Windows. We do not recommend using a Chromebook under any circumstances.

The mandatory requirements for a suitable computer include a Wi-Fi 5 or 6 network card to connect the computer to the Turku UAS network and a USB-C port to connect the computer to docking stations found in BYOD IT-classrooms. For remote studying, the computer must have a webcam, microphone and headphones/speakers or the possibility to connect them externally.

A basic laptop is fine for basic study needs, but depending on the field you are studying, you may also need to acquire a more powerful device. Some example specifications for choosing a computer are listed below.

When acquiring a computer, take into account that:

- the computer must be a laptop
- the computer and battery are new enough and therefore powerful enough
- the computer must be connected wirelessly to the Turku UAS network (Wi-Fi 5 or 6)
- the computer must have a USB-C port for connecting it to the docking stations
- for remote studying you will need a webcam, microphone and headphones/speakers
- students are always responsible for the operation and software installation of their own computers

If you're not sure what kind of computer you need, wait until the start of your studies until the requirements are clearer.

Example specifications for acquiring your own computer

1. A basic laptop for word processing and internet use:

   - Intel i3 or AMD Ryzen 3-series processor
   - 8 GB of RAM
   - integrated graphics card
   - at least 120 GB SSD storage
   - Windows 10 or 11 operating system

2. A high-quality laptop for more versatile use, such as light graphic design:

   - Intel i5 or AMD Ryzen 5-series processor
   - 16 GB of RAM
   - integrated or discrete graphics card
   - at least 250 GB SSD storage
   - Windows 10 or 11 operating system

3. A Powerful laptop for graphics-heavy work such as CAD or 3D/Game design:

   - Intel i7 or AMD Ryzen 7-series processor
   - at least 16 GB of RAM
   - powerful discrete graphics card with at least 4GB of RAM (e.g. Nvidia Quadro- or RTX-series)
   - at least 500 GB SSD storage
   - Windows 10 or 11 operating system

   Turku UAS has shared powerful desktop computers available for students to use on campus. However, for studying you will need at least a basic laptop.