Technological Equipment



What equipment do I need

To achieve **the best academic results**, students should have their own laptop for studying, bringing to class, and taking exams.

For some degrees, students are also required to purchase a **graphics tablet.**

To ensure that the equipment meets the requirements for studying at U-tad, a yearly analysis is conducted to assess the needs of the different degree programs at that time, and a set of minimum required specifications is established as outlined below.



Two basic Types of equipment

Gaming Type. Laptop that includes an **advanced graphics card** and gaming-grade features, with the specifications and performance required for this environment. These are powerful devices with high graphic performanc. **They are heavier and larger in size**.

Premium Type. **High-performance** laptop with better **ergonomics and reduced weight**, more suitable for **engineering and development environments**.

Gaming Type

Recommended for degree programs in the following areas of knowledge:

- Video games
- Animation
- Design
- Virtual Reality

	Especificaciones mínimas recomendadas
Operating System	Windows 11
Processor	Intel Core Ultra 7 165H vPro Enterprise (24 MB de cache, 16 cores, 22 threads, up to 5,0 GHz, 45 W) or equivalent AMD
RAM	32 GB
I/O	USB 3.0 and HDMI video output
GPU	NVIDIA RTX 3080 with 8 GB of DDR6 Memory
Network	Wifi 802.11.N

Premium Type

Recommended for degree programs in the following areas of knowledge:

- Engineering
- Mathematics and Physics
- Application Development
- Systems and Cybersecurity

	Especificaciones mínimas recomendadas
Operating System	Windows 11
Processor	Intel i7 12ª Generation or equivalent AMD
RAM	32 GB
I/O	USB 3.0 and HDMI video output
GPU	NVIDIA RTX 3080
Network	Wifi 802.11.N

Equipment with minimun specifications.

Only for Two-year technical degree as:

- Technical Training Programs
- Specialized Training Course

This recommendation is only for those who want to make use of a laptop they already have or to make a small investment. However, computer equipment quickly becomes obsolete, which is why we do not recommend it for longer degree programs.

	Especificaciones mínimas recomendadas
Operating System	Windows 11
Processor	Intel i5 13ª Generation or equivalent AMD
RAM	16 GB
I/O	USB 3.0 and HDMI video output
GPU	Depending on the degree: NVIDIA RTX 30XX with 12GB of GDDR6 memmory if it is for Gaming
Network	Wifi 802.11.N

Recommendations for Graphics Tablets

The centre has **Wacom Cintiq and XP-Pen graphics tablets**, which have been installed and set up on the computers for use by students.

It is reported that **graphics tablets from other brands may be incompatible**, as the **specific drivers for each manufacturer are not compatible with one another**, which may affect the proper functioning of the system (pressure sensitivity, pen detection, calibration, etc.).

For some **Online** degrees, it is recommended that students purchase a graphics tablet for working from home

Graphics tablets

Recommended for degree programmes in the following subject areas:

- Game Art Online

	Recommended minimum specifications
Size	16 inches
Ports	USB and HDMI video output
Resolution	2560 x 1600

Where to buy

These laptops and graphics tablets can be purchased **at any trusted computer store**.

Support disclaimer

Student-owned equipment **will not receive support services from U-tad's systems department**, although any questions students may have will be.

Students will be responsible for backing up their files and installing and configuring additional programs.

It will also be the responsibility of the students to acquire those minor or tools that may be necessary within a particular academic activity, as well as the cables to connect the equipment to monitors or external equipment.