

Laptop Specifications

Creative Media and Game Technology

Hardware

- Processor: Intel i7 or AMD Ryzen 7 or higher Multi-Core processor recommended
- Memory: 32GB or higher (Note that more memory significantly improves system performance)
- Operating System: Windows 10 or 11 (64-bit, English) with the latest updates
- Hard drive: **512GB SSD (System) or larger** + 1TB HDD or bigger (data)
- Video Card: NVIDIA RTX 3080 recommended, NVIDIA RTX 3060 minimum
- Display Size: 15-inch recommended, 17-inch recommended for Artists
- Wireless Network: **802.11be (Wi-Fi 7), 802.11ax (Wi-Fi 6)**, 802.11ac (Wi-Fi 5), 802.11n, or 802.11g compliant wireless network card that supports 128 bit encryption. **5 GHz or 6 GHz is a must.**
- HDMI cable

Suggested Laptops

- <https://bit.ly/4adReGj>

Software (Everyone)

- Windows 10 or 11 with the latest updates applied
- Microsoft365 suite (check <https://www.microsoft.com/education/products/office> if your current education offers a student license)
- Unreal Engine - Latest Version Available (<https://www.unrealengine.com/download>)
- Adobe Creative Cloud (CC), including Dreamweaver, Photoshop, Illustrator and Flash (Available from www.surfspot.nl at a lower student cost price once you have your BUAS student email account)
- Latest version of Google Chrome and/or Microsoft Edge

Software (Programming)

- Visual Studio 2022 (The community edition can be downloaded for free from <https://visualstudio.microsoft.com>)

Software (Art)

- Autodesk Maya (<http://www.autodesk.com/education/home>)
- SideFX Houdini Apprentice (latest, free) <http://www.sidefx.com>

Software (Film Visual Effects)

- Same as Art
- Foundry's Nuke (<https://www.foundry.com/education>)