Laptop Specifications
Creative Media and Game Technology

Hardware

- Processor: Intel i7, i9 or AMD Ryzen 7, 9 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 4080 recommended, NVIDIA RTX 4060 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/41kcYhR
- **Note**: You might have to load this link several times in case the filters get removed from the URL!

Note

These specifications are based on the assumption that you will use this laptop for 4 years. If you already have a “gaming” laptop with lower specifications, it might be sufficient for the first couple years of the degree programme, but be aware that you may need to upgrade your laptop before you graduate.

Software (Everyone)

- Windows 11 with the latest updates applied
- Microsoft365 suite (check https://www.office.com/ 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

- Blender (latest, free) https://www.blender.org/download/