

Laptop Specifications

International Game Architecture and Design

Hardware

- Processor: i7 Intel Multi-Core Processor Recommended
- Memory: 16GB or higher (Note that more memory significantly improves system performance)
- Operating System: Windows 10 - 64-bit (English) with the latest updates
- Hard drive: **256GB SSD (System) or larger** + 1TB HDD or bigger (data)
- USB/DVD: USB or DVD capable drive required for product installation
- Video Card: NVIDIA RTX 2080 recommended, NVIDIA GTX 1060 minimum
- Display Size: 15-inch recommended, 17-inch recommended for Artists
- Wireless Network: **802.11a**, 802.11b or 802.11g compliant wireless network card that support 128 bit encryption. **A-Band (5 GHz) is a must.**

Suggested Laptops (May 2019)

- <https://bit.ly/2Huh4Kc>

Software (Everyone)

- Windows 10 with the latest updates applied.
- 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 Internet Explorer
- VLC Media Player. (<http://www.videolan.org/vlc/index.html>)
- Quicktime 7.5.5
- Freemind - Mind mapping Software (<http://freemind.sourceforge.net/wiki/index.php/Download>)
- Unity 3D - (Personal) (<https://unity3d.com/get-unity/download>)

Software (Programming)

- Visual Studio 2019 (This can be downloaded for free from azureforeducation.microsoft.com once you have your BUAS student email account)

Software (Art)

- Autodesk Maya (<http://www.autodesk.com/education/home>)
- SideFX Houdini Apprentice (latest, free) or Apprentice HD (99\$) <http://www.sidefx.com>