HSLU Lucerne University
of Applied Sciences
and Arts

School of Computer Science and Information Technology
Campus Zug-Rotkreuz
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Rotkreuz, 20. Dezember 2024

Information regarding personal student laptops and software for the BSc Immersive Technologies

Students of the Bachelor's degree program in Immersive Technologies require a laptop for their studies, based on the following specifications:

- «Notebook concept for students 2024/2025» of the Lucerne University of Applied Sciences and Arts: https://www.hslu.ch/en/servicedesk/
- further recommendations for the Immersive Technologies degree program

Laptop recommendations BSc Immersive Technologies

Please note that Apple devices are currently not optimal for our field of activity (limitations regarding VR suitability, 3D reconstruction software, etc.). We therefore recommend that students use Windows devices.

The following hardware specifications must be considered:

	Minimum requirement	**Recommended**
Processor (CPU)	i5 or Ryzen 5	i7, i9 – Ryzen 7, Ryzen 9
Memory	16GB RAM	32GB RAM
GPU	GPU 4GB	GPU 8GB or more
Storage	1TB SSD	2TB SSD
Display	15 Zoll	16Zoll or more
Resolution	1920 x 1080 Pixel	
Network	Wlan	
Ports	USB 3.2 + DP Port 1.4	
Sound	onboard	
Operating system	Windows 10	Windows 11

Information regarding software

Microsoft Office
Until further notice, students of the BSc Immersive Technologies will be provided with annual licenses for Microsoft Office 365 for Windows, macOS, iOS and Android, including 1 TB of online storage in OneDrive. The license allows the Microsoft Office applications to be installed on up to five devices. The Microsoft Office license can be obtained with the HSLU account via the HSLU website:
https://selfservice.support.hslu.ch/p/knowledge/3798/microsoft-365-kostenlos-beziehen

Other software
Other required software packages are made available to students. The complete list of software packages will be announced at the beginning of the course. The additional software can be obtained with the HSLU account in the software kiosk:
https://softwaredownload.hslu.ch/