

# Hardware recommendations

## Type: Basic laptop International Communication:

Description		Recommended
Processor	Dual Core (AMD of Intel)	Intel Quadcore i5 of hoger
RAM	4 GB	4-8 GB
Hard drive	>250 GB	SSD + HDD>250GB
Screen resolution	1280x800	1366x768
Graphics processor	Shader Model 3.0 en Open GL 2.0 support DirectX9 compatibel	AMD Radeon of NVIDIA graphics card with own memory
Wi-Fi	802.11 g/n 802.1x compatibel	802.11 g/n 802.1x compatibel
USB	USB 2.0 2 portals	USB 3.0 2 poorten
Sound card	ASIO of Windows Driver Model compatibel	ASIO of Windows Driver Model compatibel
Optical drive	DVD Dual Layer RW	DVD Dual Layer RW
External USB hard drive (for backups)	250 GB	500 GB>
Operating system	Windows 7 SP1 / 8 / 8.1 64-bit/ Mac OS X v10.7 / v10.8 / v10.9 /v10.10	Windows 7 SP1 / 8 / 8.1 64-bit/ Mac OS X v10.7 / v10.8 / v10.9 /v10.10

## Type: Basis laptop Business IT & Management major

Omschrijving	Minimaal	Aanbevolen
Processor	Intel Core i5	Intel Core i7
RAM	8 GB	8-16 GB
Hard drive	250 GB	500 GB
Screen resolution		
Graphics processor		
Wi-Fi	802.11 g/n 802.1x compatibel + 1Gb lan	802.11 g/n 802.1x compatibel + 1Gb lan
USB		
Sound card	Windows 7 SP1 / 8 / 8.1 64-bit/ Mac OS X v10.7 / v10.8 / v10.9 /v10.10	Windows 7 SP1 / 8 / 8.1 64-bit/ Mac OS X v10.7 / v10.8 / v10.9 /v10.10

## Type: Laptop Game Design & Development major

Description	Minimum required	Recommended
Processor	Intel Quadcore i5	Intel Quadcore i7 or higher
RAM	8 GB	16 GB
Hard drive	512 GB HDD	512GB SSD
Screen resolution	1366x768	1920x1080 or higher
Graphics processor	DX11 compatible 1GB VRAM	DX11 or higher 2GB VRAM
Wi-Fi	802.11 g/n 802.1x compatibel	802.11 ac/g/n 802.1x compatibel
USB	USB 2.0 2 poorten	USB 3.0 2 portals
Operating System	Windows 7 SP1 / 8 / 8.1 64-bit/ 10 Mac OS X v10.7 or higher	Windows 7 SP1 / 8 / 8.1 64-bit/10 MacOS v10.13 or higher

# FAQ:

**You ask:** Why are there requirements from SCMI on personal laptops?

**We reply:** In some courses image editing is key.

You will be editing images in Photoshop and editing videos in Adobe Premiere Pro. A fast laptop is required for this purpose.

For more information, see the following link:

<http://helpx.adobe.com/premiere-pro/system-requirements.html>

We also place high demands on the laptop because we assume that the laptop should last at least 4 years, or the duration of your studies.

**You ask:** Where can I buy my laptop?

**We reply:**

Surfspot

Students can purchase a reduced price laptop and software via Surfspot (<http://www.surfspot.nl>)

and in selected partner shops. You need to login to Surfspot through your Hanze account in order to get the discount.

Tweakers.net and Hardware.info

Tweakers.net and Hardware.info are price comparison websites that allow you to specify the requirements of the laptop. The sites then show you available models, prices, product reviews and the stores that have the product in stock.

Computer Specialists / Electronics stores

For example, Norrod, MyCom, Dixons, MediaMarkt etc.

**You ask:** Can I buy an Apple MacBook instead of a Windows laptop?

**We reply:** Yes you can, but this can cause problems. SCMI works primarily with Windows.

Apple MacBooks are good for your study as well, but they're only supported to a limited extent. Our ICT support is specialised in Windows, and most of the software that you will use during your studies is Windows based. However, if the software you're using is Adobe Photoshop, InDesign, Adobe Premiere Pro, etc., then using a MacBook is no problem!

