

The minimum requirements for a laptop to be used in the programme are as follows:

- Intel Core i5 CPU (1.8Ghz) Minimum (Intel Core i5 2.0Ghz CPU and higher is preferred & Recommended) (Note: A Intel Atom, Intel Celeron or AMD CPU is NOT recommended)
- 4GB RAM minimum (More Ram is Preferred)
- 500GB HDD – 1000GB HDD (Hard Disk Drive – Storage, larger HDD can store more information)
- Microsoft Windows 7 x64bit Minimum (see software Specifications)
- USB 2.0 - 2x Ports minimum, USB 3.0 is faster (Minimum 2x USB 2.0 Ports required, more is preferred)
- Built in Webcam and Mic (Normally std)
- Internal built in Speaker/s (Normally Std)
- 10/100/1000 Ethernet Port (RJ45 LAN) (Normally Std)
- WIFI 802.11b/g Minimum / 802.11N / 802.11AC (Normally Std)
- Bluetooth 4.0 (normally std)
- 104 Key Laptop Keyboard (Normally Std)
- HDMI Output
- VGA Output (Normally Std)
- Laptop Battery Life (up to 2 hours Minimum is pretty Std)
- 10.1” - 15.6” (Inch) WXGA Laptop Monitor/ Laptop Screen (Min: 1366 x 768 Resolution. Larger Screen and Higher resolution is better when working long hours on Laptop)
- DVD RW/CD-R Optical Drive (external USB model is also ok if laptop does not include one, Note: a lot of the new models do not included a optical drive)

Software Minimum Specifications:

- Microsoft Windows OS (Win 7 x64; Windows 8.1 x64; Windows 10 x64 – all can be the Home or the Pro/ Business version)
- Latest Microsoft Windows Updates
- Latest Microsoft Office Updates
- Latest laptop HW Driver updates
- Adobe Flash
- Microsoft Silverlight
- Adobe Reader DC
- Microsoft Internet Explorer 11
- Mozilla Firefox (latest Version)
- Google Chrome (latest Version)
- Microsoft Office 2013 (minimum) with Word, Excel, PowerPoint
- Compression Software (7-zip)
- Media Player (Microsoft Windows Media Player / Video LAN VLC Media Player)
- PDF creator software (PDF Creator by PDF Forge)

Available Laptop Brands (South Africa):

- Dell
- Acer
- Apple
- HP (Hewlett Packard)
- Fujitsu
- Lenovo
- Toshiba

- Asus
- LG
- Sony
- Gigabyte
- MSI
- Samsung
- Pinnacle
- Mecer

It is important for students to note that the UFS will not take responsibility for ensuring that the laptop the student provides is suitable for use in the programme.