



Laptop Specifications for new students 2020/21

Many of the specifications listed are only **recommended**, to ensure that your machine is capable of using the programmes that your course commonly uses, and to cope with the rigours of everyday use at a digital institution. Minimum specifications are listed where available, but please exercise your own judgement when purchasing your own laptop, bearing in mind it should last the duration of your studies and beyond. Students eligible for the John Smith Aspire Bursary can find suitable machines on their [website](#).

Course	Recommended specifications 2020/21
Advertising & Brand Design (BA Hons) Graphic Design (BA Hons) Illustration for Communication (BA Hons) Motion Graphics (BA Hons) User Experience and User-Interface (UX/UI) Design (BA Hons)	Operating System: Mac or Windows 10 Processor / CPU: i5 (i7 recommended) quad core or Xeon equivalent Memory / RAM: Minimum 8GB (16GB recommended) Graphics Card: 2GB or NVIDIA Quadro K620 or above. Recommended model: 13/16" MacBook Pro i5 or 15" Dell Inspiron 7000
Animation BA (Hons) Games Design (BA Hons)	Operating System: Windows or Mac Processor / CPU Minimum: Intel i5 Dual Core 2.5GHz and above (or AMD equivalent). Recommended: Intel i7 Quad Core 3.0GHz and above (or AMD equivalent) Memory / RAM: Minimum 8GB. Recommended:16GB Graphics Card / GPU: Minimum Nvidia

	<p>970GTX (or AMD equivalent). Recommended: Nvidia 1050GTX (or AMD equivalent).</p> <p>Recommended model: Dell Inspiron 15 5000 (i7 generation) / MacBook Pro i7 With Mouse + Graphics Tablet</p>
<p>Architecture (BA Hons)</p> <p>Interior Design Environment Architecture (IDEAs) (BA Hons)</p> <p>Urban Landscape Architecture (BA Hons)</p>	<p>Operating System: Windows 10 or Macbook Pro i5 or i7 with facility to run Windows 10 for CAD</p> <p>Processor / CPU: i5 quad core (i7 recommended)</p> <p>Memory / RAM: 8GB minimum with capacity to upgrade to 32GB</p> <p>Graphics Card / GPU: 2GB</p> <p>Recommended model: 15" Dell Inspiron 7000 16GB</p>
<p>Digital Marketing (BA/BSc Hons)</p> <p>Cloud Computing (BSc Hons)</p> <p>Creative Computing (BSc Hons)</p> <p>Cyber Security (BSC Hons)</p>	<p>Operating System: Windows 10 or MacBook Pro i5</p> <p>Processor / CPU: i5 quad core</p> <p>Memory / RAM: 8GB minimum</p> <p>Graphics Card / GPU: 2GB</p> <p>Recommended models: HP ProBook 430 G6 13.3" FHD Touchscreen Laptop with i5 15" Dell Inspiron 7000 16GB</p>
<p>Digital Film Production (BA Hons)</p> <p>Digital TV Production (BA Hons)</p> <p>Digital TV Technology (BA Hons)</p>	<p>Operating System: Windows 10 or Macbook Pro i5 or i7 with facility to run Windows 10 for CAD</p> <p>Processor / CPU: i5 quad core (i7 recommended)</p> <p>Memory / RAM: 8GB minimum with capacity to upgrade to 32GB</p> <p>Graphics Card / GPU: 2GB</p>

	<p>Recommended model: 15" Dell Inspiron 7000 16GB</p>
<p>Digital Photography (BA Hons)</p>	<p>Operating System: Mac</p> <p>Processor / CPU: quad core i5 2.3 GHz</p> <p>Memory / RAM: 16 GB</p> <p>Recommended model: 13" or 16" Macbook Pro i5</p>
<p>Editing and Post-Production (BA Hons)</p> <p>Fashion (BA Hons)</p> <p>Fashion Accessory & Textile Futures (BA Hons)</p>	<p>Operating System: Mac or Windows</p> <p>Processor / CPU: Minimum i7 Quad Core</p> <p>Memory / RAM: Minimum 16GB</p> <p>Graphics Card: 2GB (Fashion & Fashion Accessory & Textile Futures) 4GB (Editing & Post Production)</p> <p>Recommended model: 13/16" MacBook Pro i7 or 15" Dell Inspiron 7000 4K 16GB</p>
<p>Fashion Buying & Brand Management (BA Hons)</p> <p>Fashion Promotion (BA Hons)</p>	<p>Operating System: Mac</p> <p>Processor / CPU: i5/i7 quad core</p> <p>Memory / RAM: 8GB/16GB</p> <p>Storage: 256GB SSD</p> <p>Recommended model: 13/16" Macbook Pro i7, 16GB</p>

<p>Games Design (BA Hons)</p>	<p>Operating System: Windows</p> <p>Processor / CPU: Quad i5 +(or AMD equivalent) Memory / RAM: 8GB RAM or above 2/4GB GPU (1650 GTX or Equivalent) 1TB HDD</p> <p>Recommended: Windows Quad i7 + (AMD Equivalent) 16GB RAM 4GB/6GB GPU (1660 GTX or Equivalent) 1TB HDD</p> <p>Recommended model(s): Lenovo Legion Y545, Razer Blade 15, Alienware m15</p>
<p>Music & Sound Design (BA Hons)</p>	<p>Operating System: Mac or Windows 10 64 bit</p> <p>Processor / CPU: 2.2Ghz quad-core Intel Core i5 or i7 processor, turbo boost up to 3.4GHz</p> <p>Memory / RAM: 16GB Storage: 256GB SSD storage or 500GB Hard Drive Graphics: Intel Iris Pro</p> <p>Recommended Make/model: 13/16" MacBook Pro i7 with two Thunderbolt 2 ports or Dell/HP/Acer/Lenovo with at least 2 USB 3.0 Ports for connecting external HD and/or audio interface</p>
<p>Product Design (BA Hons)</p>	<p>Operation System: Windows 10</p> <p>Processor / CPU: Intel Core i5 or i7 or i9, minimum 3.3Ghz</p> <p>Memory / RAM: 16GB or more</p>

	<p>Graphics Card / GPU: AMD or NVIDIA 2GB or more</p> <p>SSD drives recommended.</p> <p>For further reference see Solidworks which is the software you will be using which puts the highest demand on the device. Graphics card recommendations from Solidworks can be found here.</p>
Foundation (all)	<p>Operating System: Mac or Windows 10</p> <p>Processor / CPU: i5 (i7 recommended) quad core or Xeon equivalent</p> <p>Memory / RAM: Minimum 8GB (16GB recommended)</p> <p>Graphics Card: 2GB or NVIDIA Quadro K620 or above.</p> <p>Recommended model: 13"/16" MacBook Pro; Dell Inspiron 7000</p>