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# Laptop Specifications

## 2022 entry

These specifications are recommended to ensure that your machine is capable of using the programs that your course commonly uses, and to cope with the rigors of everyday use at a digital institution for the duration of your course. Students planning to use their Aspire bursary can find suitable machines on the John Smith's website.

For questions about these specifications, please email [hello@rave.ac.uk](mailto:hello@rave.ac.uk) or speak to your course leader.

# Architecture

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
BA (Hons) Architecture	Windows	16GB	Required	Technical tutors recommend the Dell Precision range of laptops as well as a mouse
BA (Hons) Interior Design Environment Architecture (IDEAs)	Windows	16GB	Required	Technical tutors recommend the Dell Precision range of laptops as well as a mouse
BA (Hons) Urban Landscape Architecture	Windows	16GB	Required	Technical tutors recommend the Dell Precision range of laptops as well as a mouse
Master of Architecture	Windows	16GB	Required	Technical tutors recommend the Dell Precision range of laptops as well as a mouse

# Business & Computing

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
BSc (Hons) Business Management	Mac	16GB	Required	
BSc (Hons) Computer Science	Mac	16GB	Required	
BSc (Hons) Creative Computing	Windows	16GB	Required	
BSc (Hons) Cyber Security	Mac or Windows	8GB	Not Required	
BSc (Hons) Digital Marketing	Mac or Windows	8GB	Not Required	
MSc Computer Science	Mac or Windows	16GB	Required	
MSc Cyber Security	Mac or Windows	8GB	Not required	
MSc Digital Marketing	Mac or Windows	8GB	Not required	

# Design Practice

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
BA (Hons) Advertising and Brand Design	Mac	16GB	Required	
BA (Hons) Digital Content Creation	Windows or Mac	16GB	Required	Machine should be comfortable with Adobe CC programs. Mac is preferred but either will be appropriate.
BA (Hons) Graphic Design	Mac	16GB	Required	
BA (Hons) Illustration for Communication	Mac	16GB	Required	High processing speed and RAM are key for illustration
BA (Hons) Motion Graphics	Mac or Windows	16GB (minimum) 32GB (recommended)	Required 2GB minimum	2GB graphics card required. 13/16 inch MacBook or Dell Inspiron 7000 come recommended.
BA (Hons) Product Design	Windows	16GB	AMD or Nvidia 3GB minimum  See comments for more specific details on minimum graphics card requirements	Further graphics card details:  3.3 GHz processor or higher Base Clock: 1506 MHz Boost Clock: 1708 MHz Texture Units: 72 Memory Clock: 8GHz Memory Bandwidth: 192 GB/s ROPs: 48 L2 Cache Size: 1536 KB  Hard drive details:  1TB or higher SSD recommended for optimal performance
BA (Hons) User-Experience and User-Interface (UX/UI) Design	Mac	16GB	Required	MacBook Pro recommended

# Design Practice (continued)

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
MA Design Management	Mac	16GB	Required	
MA Design Communication	Mac	16GB	Required	
MA Illustration	Mac	16GB	Required	MacBook Pro suggested as high processing speed and RAM are key
MA Service Design	Mac	16GB	Required	

# Fashion

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
BA (Hons) Fashion	Mac or Windows	16GB	Required	Most students opt for a Mac over Windows but either will be appropriate
BA (Hons) Fashion Buying and Brand Management	Mac	4GB	Not required	
BA (Hons) Fashion Promotion	Mac	16GB	Required	MacBook Pro is recommended
MA Luxury Brand Management	Mac	16GB	Required	

# Media Lab

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
BA (Hons) Animation	Windows	16GB*	Required	Minimum 2GB graphics card required.  *Updated from 8GB on 22/8/22
BA (Hons) Digital Photography	Mac	16GB	Not required	MacBook Pro 16GB is recommended
BA (Hons) Games Development	Windows	16GB	Required	Graphics card recommendation: RTX 2060 Super or above.
BSc (Hons) Games Programming	Windows	16GB (minimum) upgradeable to 32 GB (desired)	RTX 20XX series (minimum) RTX 30XX series (recommended)  4GB minimum	Processor: Intel i5 (minimum) Intel i7 (recommended) or AMD Ryzen – minimum 4 cores and 8 threads for compiling code, building solutions and parsing.  Storage: 1TB GB SSD (minimum)

# Media Works

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
BA (Hons) Digital Film Production	Mac or Windows	8GB	Required	Students have opted to purchase Dell models in the past.
BA (Hons) Digital Television Production	Mac	16GB	Required	
BA (Hons) Editing and Post Production	Mac or Windows	16GB (minimum) 32GB (recommended)	2GB of memory (minimum) 6GB of memory (recommended)	A 4K-compatible laptop is preferable, such as a MacBook Pro or Dell Inspiron 7000.  1TB SSD or larger required
BA (Hons) Music and Sound Design	Mac or Windows	8GB	Not required	High performance laptops will help with running audio software on the course, but students can purchase additional hardware to support this.
BSc (Hons) Broadcast Engineering	Windows	16GB	Required	A machine comfortable running different programs from Adobe CC to Autocad software is advised
MA Craft Editing	Mac or Windows	16GB (minimum) 32GB (recommended)	2GB of memory (minimum) 6GB of memory (recommended)	A 4K-compatible laptop is preferable, such as a MacBook Pro or Dell Inspiron 7000.  1TB SSD or larger required



# Further Education

Course	Operating System	Recommended RAM	Graphics Card	Additional Notes
Access to Higher Education	Mac	8GB	Required	These specs are provided with a future degree in mind. Please consider your future degree pathway (if you know it) and research best models accordingly.
Foundation Diploma in Art and Design (Design and Media)	Mac	8GB	Required	These specs are provided with a future degree in mind. Please consider your future degree pathway (if you know it) and research best models accordingly.
Foundation Diploma in Art and Design (Fashion and Textiles)	Mac	8GB	Required	These specs are provided with a future degree in mind. Please consider your future degree pathway (if you know it) and research best models accordingly.
Foundation Diploma in Art and Design (Media Production)	Mac	8GB	Required	These specs are provided with a future degree in mind. Please consider your future degree pathway (if you know it) and research best models accordingly.
Year 0 Animation / Games Development	Windows	16GB	Required	These specs are provided with a future degree in mind. Please consider your future degree pathway (if you know it) and research best models accordingly.