
Laptop Specifications

2024 entry

These specifications are recommended to ensure that your laptop can run the programs that your course uses. For questions about these specifications, please email hello@rave.ac.uk or speak to your course leader during your first week.

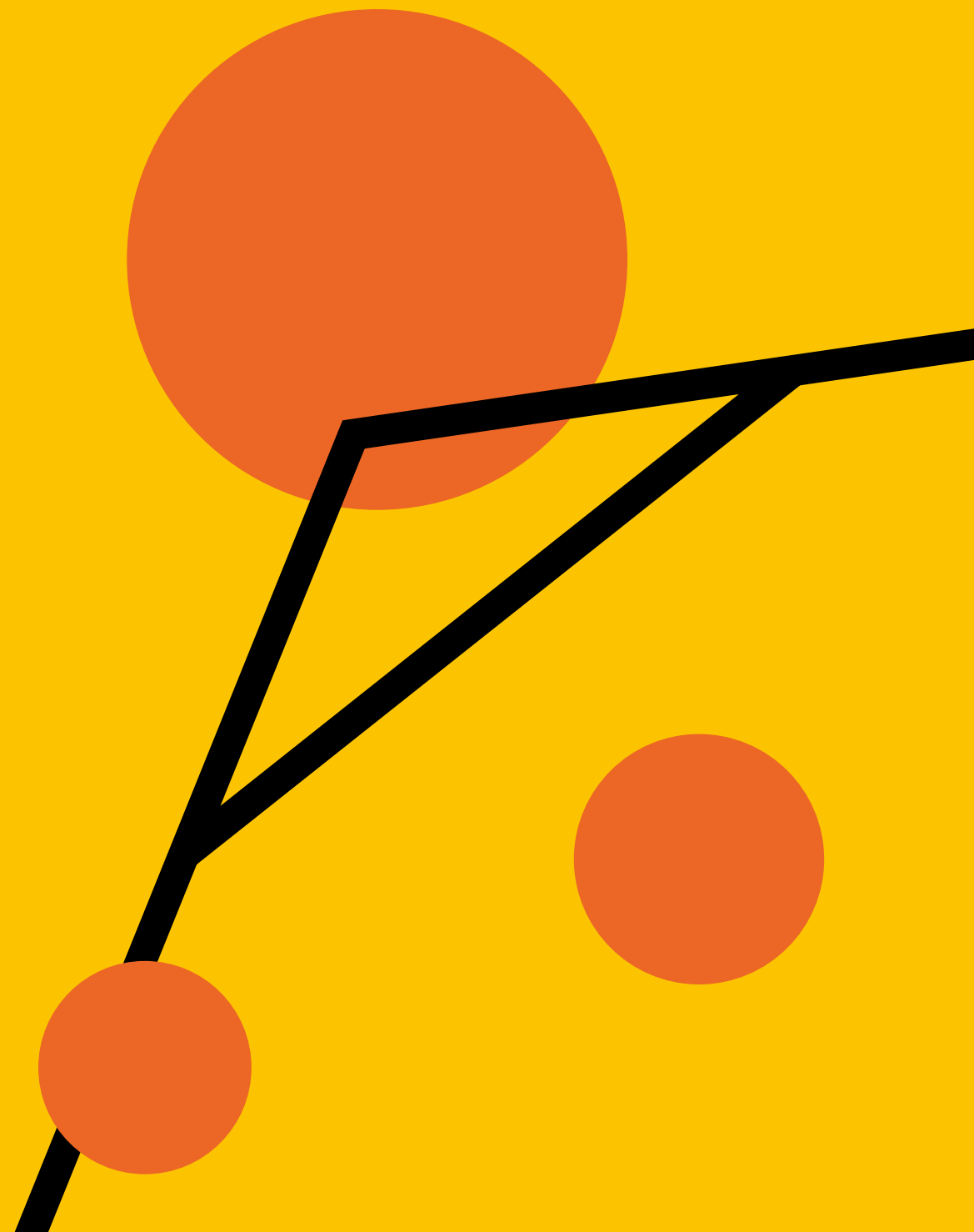
Aspire

We have partnered with the largest, specialist Higher Education retailer in the UK, [Aspire](#), to offer discounted equipment and funding for course equipment including laptops. You will be able to log in once you have your Ravensbourne email.

All home, undergraduate students receive £100 credit on their Aspire account within four weeks of enrolment. Students with a household income of £25,000 or less, as declared to Student Finance England, will receive an additional £400. This funding will be automatically added to your Aspire Account.



Ravensbourne
University London



Architecture

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Architecture	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB Windows: NVIDIA Mac: AMD Graphics, or M1 or later	Minimum 512GB storage
BA (Hons) Interior Design Environment Architecture (IDEAs)	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB Windows: NVIDIA Mac: AMD Graphics, or M1 or later	Minimum 512GB storage
BA (Hons) Urban Landscape Architecture	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB Windows: NVIDIA Mac: AMD Graphics, or M1 or later	Minimum 512GB storage
MA Architectural Visualisation	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB Windows: NVIDIA Mac: AMD Graphics, or M1 or later	Minimum 512GB storage

Business & Computing

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BSc (Hons) Business Management (inc. with year 0)	Mac or Windows	16GB – minimum 32GB – recommended	Not required	
BSc (Hons) Computer Science	Windows 10 or 11	32GB	Required – RTX3060 with 16GB of GPU	Recommended Processor is i9, and at least i7 Windows OS is recommended, however, MacOS can be used if you prefer, but you will need to rely on virtualisation or Boot Camp for applications like the full version of Microsoft Visual Studio
BSc (Hons) Creative Computing	Mac or Windows	32GB	As installed	Mac preferred (MacBook Pro rather than MacBook Air), Windows is fine for candidates who are more familiar with it
BSc (Hons) Cyber Security	Windows 11	16GB – minimum 32GB – recommended	Required	512GB or 1TB storage 32 GB RAM is recommended to ensure virtual machines run smoothly
BSc (Hons) Digital Marketing	Mac or Windows	8GB – minimum 16GB – recommended	Yes, any	No iPads/Chromebooks etc. Minimum 256GB storage
BA (Hons) Games Art (inc. with year 0)	Windows	16–64GB	NVIDIA GeForce RTX 30–40 series	1TB storage Mac laptops are not suitable for this course
BA (Hons) Games Design	Windows 11	32 GB	RTX 40 12 to 16 GB VRAM	Mac laptops are not suitable for this course Total storage should be 2TB, which could be 1TB on laptop and 1TB on an external drive Windows 11 version 23H2 or above

Business & Computing (continued)

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Games Development	Windows 11	32 GB	RTX 40 12–16 GB VRAM	Mac laptops are not suitable for this course Total storage should be 2TB, which could be 1TB on laptop and 1TB on an external drive Windows 11 version 23H2 or above
BA (Hons) Games Programming	Windows 11	32 GB	RTX 40 12–16 GB VRAM	Mac laptops are not suitable for this course. Total storage should be 2TB, which could be 1TB on laptop and 1TB on an external drive. Windows 11 version 23H2 or above
MSc Computer Science	Windows 10 or 11	32 GB	As installed	Recommended processor is i9, and at least i7
MSc Cyber Security	Windows 10 or 11	16GB – minimum 32GB – recommended		512GB or 1TB hard drive
MSc Cyber Security Management	Windows 10 or 11	16GB – minimum 32GB – recommended	Onboard/any with at least one HDMI output	512 GB storage – minimum 1TB storage – recommended i7 processor – minimum i9 processor – recommended
MSc Digital Marketing	Mac or Windows	4GB – minimum 8GB – recommended	Required	
MSc Project Management	Mac or Windows	4GB – minimum 8GB – recommended	Not required	
Master of Business Management	Mac or Windows	4GB – minimum 8GB – recommended	Not required	

Design

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Advertising and Brand Design	MacBook Air or MacBook Pro	8GB – minimum 16GB – recommended	Required	You may want to purchase a USB3 Portable SSD to back up and extend storage The processor needs to be M1, M2 or M3
BA (Hons) 3D Animation	Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	NVIDIA RTX 4070 8-16GB VRAM	The processor can be an Intel Core i7/i9 or AMD Ryzen 7/9 Minimum 1TB storage
BA (Hons) 3D Animation (with Year 0)	We suggest that you purchase a laptop once you know which direction you might go towards			
BA (Hons) Animation	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	Important: iPads are useful to supplement your tool kit but they can't replace the requirement for a laptop in class You may want to purchase a USB3 Portable SSD to back up and extend storage in due course For a Windows device the processor needs to be Intel Core i7 or better. For a Mac device the processor needs to be M1, M2 or M3 MacBook Air or MacBook Pro are suitable
BA (Hons) Animation (with Year 0)	We suggest that you purchase a laptop once you know which direction you might go towards			

Design (continued)

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Character Design and Concept Art	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	Important: Although iPads are useful, they can't replace the need for a laptop in class For a Windows laptop the processor needs to be Intel Core i7 or better. For a Mac laptop the processor needs to be M1, M2 or M3 MacBook Air or MacBook Pro are suitable.
BA (Hons) Digital Content Creation	Mac Monterey 12 or later or Windows 11	16GB – minimum 32GB – recommended	Mac: N/A Windows: NVIDIA RTX	You may want to purchase a USB3 Portable SSD to back up and extend storage For a Windows laptop the processor needs to be Intel Core i7 or better For a Mac laptop the processor needs to be M1, M2 or M3
BA (Hons) Digital Photography	Mac Monterey 12 or later	16GB – minimum	Not required	Windows laptops are not suitable for this course MacBook Air or MacBook Pro are suitable. You may want to purchase a USB3 Portable SSD to back up and extend storage.

Design (continued)

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Graphic Design	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	Important: Although iPads are useful, they can't replace the need for a laptop in class. You may want to purchase a USB3 Portable SSD to back up and extend storage in due course For a Windows laptop the processor needs to be Intel Core i7 or better. For a Mac laptop the processor needs to be M1, M2 or M3 MacBook Air or MacBook Pro are suitable
BA (Hons) Illustration for Communication	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	For a Windows laptop the processor needs to be Intel Core i7 or better. For a Mac laptop the processor needs to be M1, M2 or M3 MacBook Air or MacBook Pro are suitable.
BA (Hons) Motion Graphics	Windows 11	32GB	NVIDIA RTX 4070 8GB VRAM	The processor can be an Intel Core i7/i9 or AMD Ryzen 7/9 Minimum 2TB storage
BA (Hons) Product Design	Windows 11	16GB – minimum 32GB – recommended	NVIDIA RTX 40XX 8GB VRAM	The processor needs to be Intel Core i7 or better Minimum 1TB storage
BA (Hons) User-Experience and User-Interface (UX/UI) Design	Mac Monterey 12 or later	8GB – minimum 16GB – recommended	Required	Windows laptops are not suitable for this course You may want to purchase a USB3 Portable SSD to back up and extend storage MacBook Air or MacBook Pro are suitable.

Design (continued)

Course	Operating system	Recommended RAM	Graphics card	Additional notes
MA Design Communication	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	MacBook Air or MacBook Pro are suitable
MA Design Management	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	You may want to purchase a USB3 Portable SSD to back up and extend storage Windows: processor needs to be Intel Core i7 or better Mac: MacBook Air or MacBook Pro. The processor needs to be M1, M2 or M3
MA/MFA Digital Photography	Mac Monterey 12 or later	16GB – minimum		You may want to purchase a USB3 Portable SSD to back up and extend storage Windows: processor needs to be Intel Core i7 or better. Mac: MacBook Air or MacBook Pro. The processor needs to be M1, M2 or M3
MA Illustration	Mac Monterey 12 or later or Windows 11	Mac: 8GB – minimum 16GB – recommended Windows: 16GB or higher	Mac: N/A Windows: NVIDIA RTX	You may want to purchase a USB3 Portable SSD to back up and extend storage Windows: processor needs to be Intel Core i7 or better Mac: MacBook Air or MacBook Pro. The processor needs to be M1, M2 or M3

Fashion

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Fashion	Mac or Windows	16GB	Required	MacBook Pro is recommended Windows 10 or 11 Intel Core i7/i9 either will be appropriate. 512GB hard drive recommended plus a 512GB external hard drive
BA (Hons) Fashion Buying and Brand Management	Mac or Windows	16GB	Required/as installed	512GB storage recommended plus a 512GB external hard drive
BA (Hons) Fashion Promotion and Communication	Mac or Windows 10 or 11	16GB	Required	MacBook Pro is recommended For Windows, Intel Core i7/i9 – either will be appropriate 512GB storage recommended plus a 512GB external hard drive
MA Digital Fashion Futures	Mac Monterey 12 or later or Windows	Mac: 24GB or higher Windows: 32GB or higher	Mac: M1, M2 or M3 Windows: NVIDIA® GeForce RTX series or NVIDIA® Quadro RTX , RTX A series 5) 6)	Minimum 512GB storage
MA International Fashion Marketing	Mac or Windows 10/11	16GB	Required/as installed	Minimum 512GB storage
MBA Fashion: Business Entrepreneurship	Mac or Windows 10/11	16GB	Required/as installed	Minimum 512GB storage
MA Luxury Brand Management	Mac or Windows	16GB	Required	

Media & Film

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BSc (Hons) Broadcast Engineering	Windows	8GB – minimum 16GB – recommended	Required	<p>A Mac computer is not suitable for this course</p> <p>We strongly recommend a Thinkpad, this could be a refurbished one. They are designed to be maintained and have components swapped out when needed. T480 and T490 models would be ideal for the course</p> <p>1TB SSD is desirable</p> <p>We recommend an Intel processor rather than AMD</p> <p>It would be beneficial if the laptop could run Unreal</p>
BA (Hons) Digital Film Production	Mac or Windows	16GB – minimum 32GB – recommended	4GB VRAM	<p>Windows: OpenGL 4.1 video card and 64-bit Intel Core Processor (i7 2GHz or faster recommended)</p> <p>Mac: AMD graphics processor and M2, M3, or Intel Dual Core i7 or faster</p> <p>Minimum 512GB storage. In addition, an external hard drive with 1TB memory is recommended</p>
BA (Hons) Digital Television Production	Mac or Windows	16GB – minimum 32GB – recommended	4GB VRAM	<p>Windows: OpenGL 4.1 video card and 64-bit Intel Core Processor (i7 2GHz or faster recommended)</p> <p>Mac: AMD graphics processor and M2, M3, or Intel Dual Core i7 or faster</p> <p>Minimum 512GB storage. In addition, an external hard drive with 1TB memory is recommended</p>

Media & Film (continued)

Course	Operating system	Recommended RAM	Graphics card	Additional notes
BA (Hons) Editing and Post Production	Mac or Windows	16GB – minimum 32GB – recommended	2GB – minimum 6GB – recommended	A 4K-compatible laptop is preferable with 1TB SSD or larger required
BA (Hons) Music and Sound Production	Mac or Windows	8GB minimum	Required	Mac: macOS Catalina 10.15.7 or later. M2, M1, or Intel Dual Core i5 or faster Windows: Windows 10 or later. 64-bit Intel Core Processor (i3 2GHz or faster recommended) High performance laptops will help with running audio software on the course, but you can purchase additional hardware to support this if needed

Further Education

Course	Operating system	Recommended RAM	Graphics card	Additional notes
Access to Higher Education Diploma	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB VRAM	Device needs to be able to run Adobe Creative Cloud applications
Foundation Diploma in Art and Design (Design and Media)	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB VRAM	Device needs to be able to run Adobe Creative Cloud applications
Foundation Diploma in Art and Design (Fashion and Textiles)	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB VRAM	Device needs to be able to run Adobe Creative Cloud applications
Foundation Diploma in Art and Design (Media Production)	Mac Monterey 12 or later or Windows	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB VRAM	Device needs to be able to run Adobe Creative Cloud applications