
Laptop Specifications

2025 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, to offer the Ravensbourne Aspire scheme. Eligible undergraduate students will receive £500 on a Ravensbourne Aspire account to spend via the John Smith's online shop. This can be spent on items such as laptops, cameras and specialist accessories, other technology, books and course materials.

Ravensbourne specified Mac and PC laptops will be available on the site. Apple MacBook specifications will be available at a price matching the educational discount on the Apple site. Eligible students will be automatically notified once their Aspire accounts are active, within four weeks of enrolment. Further details can be found on our [bursaries page](#).



Ravensbourne
University London

Architecture

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BA (Hons) Architecture (inc. with year 0)	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Recommended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later	Minimum 512GB	16GB – minimum 32GB – recommended	Dedicated video card Minimum 4GB VRAM Recommended 8GB VRAM Windows: NVIDIA Mac: M2 or later	Screen size A larger screen provides more workspace, however, portability is also a factor. Alternatively, you can invest in an external monitor for working at home Minimum: 14 inches Desirable: 16 inches Mouse A 2-button mouse with a scroll wheel will make working faster, more precise and comfortable
BA (Hons) Interior Design Environment Architectures (inc. with year 0)						
BA (Hons) Urban Landscape Architecture (inc. with year 0)						
MA Architectural Visualisation						

Business

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes			
BSc (Hons) Business Management (inc. with year 0)	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Mac: M2 or later	Minimum 512GB	16GB – minimum 32GB – recommended	As installed	MS Office with Word, PowerPoint, and Excel.			
BA/BSc (Hons) Digital Marketing		Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Recommended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later				No iPads/chromebooks etc. Minimum 256GB storage			
MSc Accounting and Finance NEW September 2025	Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Recommended: Intel Core i7/i9 or AMD Ryzen 7/9							
Masters of Business Administration	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Recommended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later							
MSc Digital Marketing									
MSc Engineering Management NEW September 2025	Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9							
MSc Events Management NEW September 2025	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later							
MSc International Finance NEW September 2025	Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9							
MSc Project Management		Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9							

Computing

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BSc (Hons) Computer Science	Windows 11 or later	Intel Core i7/i9 or AMD Ryzen 7/9	Minimum 512GB Recommended 1TB	32GB – minimum	RTX4060 or higher w/ 16GB VRAM	
BSc (Hons) Creative Computing	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later		32GB – minimum	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 or later	Intel Core i7/i9 or AMD Ryzen 7/9		32GB – recommended		512GB or 1TB storage 32 GB RAM is recommended to ensure virtual machines run smoothly
BA (Hons) Games Art (inc. with year 0)			Minimum 1TB	32GB – minimum 64GB – recommended	NVIDIA GeForce RTX 40XX-50XX	1TB storage Mac laptops are not suitable for this course
BA (Hons) Games Design			Minimum 1TB +1TB External Drive	32GB – minimum	NVIDIA RTX 40XX 12 to 16 GB VRAM	Mac laptops are not suitable for this course.
BA (Hons) Games Development						
BA (Hons) Games Programming						
MSc Computer Science				Minimum 512GB Recommended 1TB		As installed
MSc Cyber Security	Windows 11 or later	Intel Core i7/i9 or AMD Ryzen 7/9	16GB – minimum 32GB – recommended			

Computing (continued)

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
MSc Cyber Security Management	Windows 11 or later	Intel Core i7/i9 or AMD Ryzen 7/9	Minimum 512GB Reccomended 1TB	16GB – minimum 32GB – recommended	As installed with at least 1 HDMI output	
MSc Software Engineering				32GB - minimum	As installed	
MSc IT Management NEW September 2025				16GB – minimum 32GB – recommended		
MSc Business & Data Analytics NEW September 2025				16GB – minimum 32GB – recommended		

Design

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BA (Hons) Advertising and Brand Design	MacOS 14 (Sonoma) or later	M2 or later, MacBook Air or Macbook Pro	Minimum 512GB	16GB – minimum	M2 or later	We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
BA (Hons) 3D Animation	Windows 11 or later	Intel Core i7/i9 or AMD Ryzen 7/9	Minimum 1TB	24GB – minimum	NVIDIA RTX 40XX 8–16GB VRAM or 50XX 8–16GB VRAM	
BA (Hons) 3D Animation (inc with Year 0)	We suggest student purchase a laptop once they know which direction (2D/3D Animation) they might go towards.					
BA (Hons) Animation	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7 or AMD Ryzen 7 Mac: M2 or later	Minimum 512GB	16GB – minimum	Mac: M2 or later Windows: NVIDIA RTX	Important: iPads are useful to supplement your tool kit but they can't replace the requirement for a laptop in class. We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
BA (Hons) Animation (inc with Year 0)	We suggest student purchase a laptop once they know which direction (2D/3D Animation) they might go towards.					

Design (continued)

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BA (Hons) Character Design and Concept Art	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later	Minimum 512GB	16GB – minimum	Mac: M2 or later Windows: NVIDIA RTX	Important: iPads are useful to supplement your tool kit but they can't replace the requirement for a laptop in class. We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
BA (Hons) Digital Content Creation		Windows: Intel Core i7 or AMD Ryzen 7 Mac: M2 or later				We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
BA (Hons) Digital Photography	MacOS 14 (Sonoma) or later	M2 or later, MacBook Air or Macbook Pro			M2 or later	Important: Windows laptops are not suitable for this course. We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)

Design (continued)

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BA (Hons) Graphic Design	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7 or AMD Ryzen 7 Mac: M2 or later	Minimum 512GB	16GB – minimum	Mac: M2 or later Windows: NVIDIA RTX	Important: iPads are useful to supplement your tool kit but they can't replace the requirement for a laptop in class. We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
BA (Hons) Illustration for Communication						
BA (Hons) Motion Graphics	Windows 11 or later	Intel Core i7/i9 or AMD Ryzen 7/9	Minimum 1TB	32GB – minimum	NVIDIA RTX 40XX 8-24GB VRAM or 50XX 8-24GB VRAM	Important: Apple Silicon does not currently support the software required in this subject We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)

Design (continued)

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BA (Hons) Product Design	Windows 11 or later	Intel Core i7/i9 or AMD Ryzen 7/9	Minimum 1TB	24GB – minimum 32GB – recommended	NVIDIA RTX 40XX 8GB VRAM or better	Important: Apple Silicon does not currently support the software required in this subject We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
BA (Hons) User-Experience and User-Interface (UX/UI) Design	MacOS 14 (Sonoma) or later	M2 or later, MacBook Air or Macbook Pro	Minimum 512GB	16GB – minimum	M2 or later	We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)
MA Design Communication	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7 or AMD Ryzen 7 Mac: M2 or later			Mac: M2 or later Windows: NVIDIA RTX	
MA Design Management						
MA/MFA Digital Photography	MacOS 14 (Sonoma) or later	M2 or later, MacBook Air or Macbook Pro			M2 or later	Important: Windows laptops are not suitable for this course. We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)

Design (continued)

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
MA Illustration	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7 or AMD Ryzen 7 Mac: M2 or later	Minimum 512GB	16GB – minimum	Mac: M2 or later, Windows: NVIDIA RTX	We strongly recommend purchasing a USB3 USBc Portable SSD to back up and extend storage. (SanDisk, Samsung, Crucial, Kingston, Western Digital)

Fashion

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BA (Hons) Fashion	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5	Minimum 512GB	16GB – minimum	As installed	
BA (Hons) Fashion Buying and Brand Management		Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later	Minimum 512GB + 512GB External Drive			
BA (Hons) Fashion Promotion and Communication		Windows: Intel Core i7/i9 or AMD Ryzen 7/9				
MA Digital Fashion Futures		Mac: M2 or later	Minimum 512GB	Mac: 24GB or higher Windows: 32GB or higher	Mac: M2 or later Windows: NVIDIA RTX	
MA International Fashion Marketing				16GB – minimum	As installed	
MBA Fashion: Business Entrepreneurship		Windows Minimum: Intel core i5 or AMD Ryzen 5				
MA Luxury Brand Management		Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later				
MSc International Fashion Marketing						

Media and Film

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
BSc (Hons) Broadcast Engineering	Windows 11 or later	Intel Core i7/i9	Minimum 512GB	16GB – minimum 32GB – recommended	Dedicated video card minimum 4GB VRAM recommended 8GB VRAM	Lenovo Thinkpad T490 is recommended.
BA (Hons) Digital Film Production	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later	Minimum 512GB +1TB External Drive		Dedicated video card Minimum 4GB VRAM Recommended 8GB VRAM Windows: NVIDIA RTX Mac: M2 or later	
BA (Hons) Digital Television Production						
BA (Hons) Editing and Post Production			Minimum 1TB			
BA (Hons) Music and Sound Production		Mac: M2 or later			M2 or later	

Further Education

Course	Operating system	Processor	Storage	RAM	Graphics card	Additional notes
Access to Higher Education Diploma	MacOS 14 (Sonoma) or later or Windows 11 or later	Windows Minimum: Intel core i5 or AMD Ryzen 5 Windows Reccomended: Intel Core i7/i9 or AMD Ryzen 7/9 Mac: M2 or later	Minimum 512GB	16GB – minimum 32GB – recommended	As installed	Device needs to be able to run Adobe Creative Cloud applications.
Foundation Diploma in Art and Design (Design & Media)						
Foundation Diploma in Art and Design (Media Production)						
Foundation Diploma in Art and Design (Fashion and Textiles)						