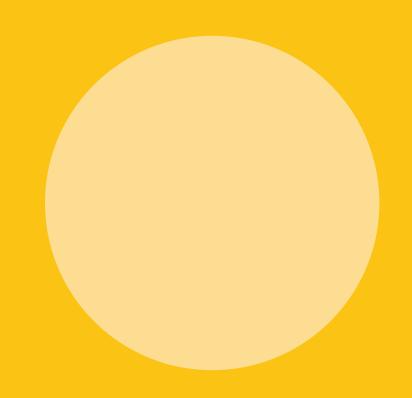# Laptop Specifications 2022 entry

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 or speak to your course leader.

**Ravensbourne**
University London

# 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<br><br>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<br><br>See comments for more specific details on minimum graphics card requirements | Further graphics card details:<br><br>3.3 GHz processor or higher<br>Base Clock: 1506 MHz<br>Boost Clock: 1708 MHz<br>Texture Units: 72<br>Memory Clock: 8GHz<br>Memory Bandwidth: 192 GB/s<br>ROPs: 48<br>L2 Cache Size: 1536 KB<br><br>Hard drive details:<br><br>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. |