Bring Your Own Device (BYOD) - Minimum Device Specifications for PET Courses Updated : 18/12/2025

PET Courses AY2026	**Normal Notebook** Processor: 10th Gen Intel Core i5 / AMD Ryzen 5 Memory: 8GB Hard Drive: 512GB	**High-end Notebook** Processor: 10th Gen Intel Core i7 / AMD Ryzen 7 Memory: 16GB Hard Drive: 512GB Graphic: Integrated graphics/ Nvidia GeForce MX	**MacBook Pro** M1 Pro 8-Core CPU 14-Core GPU Memory: 16GB RAM Hard Drive: 512GB Storage
Applied Science			
Diploma in Food Nutrition & Culinary Science	√		Not recommended Some software used in teaching does not have Mac versions.
Diploma in Medical Biotechnology	√		
Diploma in Chemical Engineering	√		
Diploma in Pharmaceutical Science	√		
Diploma in Veterinary Technology	√		
Common Science Programme	√		
Business			
Common Business Programme	√		
Diploma in Accountancy & Finance	√		
Diploma in Business	√		
Diploma in Communications & Media Management		√	√
Diploma in Culinary Arts & Management	√		Not recommended
Diploma in International Trade & Logistics	√		
Diploma in Law & Management	√		Preferably device with Windows Operating System
Diploma in Marketing	√		
Diploma in Hospitality & Tourism Management	√		
Design			
Diploma in Communication Design		√	√
Common Design Programme		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	Not recommended
Diploma in Digital Film & Television		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	Apple M4 Pro chip with 12 core CPU, 16 core GPU and 16 core Neural Engine Memory: 24GB unified memory Hard Drive: 512GB SSD storage macOS 15 (Sequoia)
Diploma in Interior Architecture & Design		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	Not recommended
Diploma in Product Experience & Design		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	Not recommended
Diploma in Fashion Management & Design		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	√
Engineering			
Diploma in Aerospace Electronics		√	Not recommended
Diploma in Aerospace Engineering		√	Not recommended
Diploma in Aviation Management	√		Not recommended
Diploma in Biomedical Engineering		√	Not recommended
Diploma in Business Process & Systems Engineering		√ (with Integrated USB Type A port, or bring along multi interface connector)	Not recommended
Diploma in Computer Engineering		√ (with USB-Lan adapter, Integrated USB Type A port, or bring along multi interface connector)	Not recommended
Common Engineering Programme		√	Not recommended
Diploma in Electronics		√ (with Integrated USB Type A port, or bring along multi interface connector)	Not recommended
Diploma in Architectural Technology & Building Services		√	Not recommended
Diploma in Integrated Facility Management		√	Not recommended
Diploma in Mechatronics		√ (with Integrated USB Type A port, or bring along multi interface connector)	Not recommended
Humanities & Social Sciences			
Diploma in Psychology Studies	√		
Diploma in Social Sciences in Gerontology	√		
Diploma in Early Childhood Development & Education	√		
Informatics & IT			
Diploma Information Technology	√		
Diploma Game Design & Development. (aka Diploma in Immersive Media & Game Development) The Normal and High-End specification provided, the GPU are not able to support for VR.		[Preferred Notebook] Processor: Intel® Core™ Ultra 9 275HX Processor or higher (or AMD Ryzen 9 HX 370 CPU) Memory: 32GB Hard Drive: 1TB Graphic: NVIDIA® Geforce RTX™ 5060 Laptop GPU 8GB GDDR7 or higher	Not recommended
Diploma in Big Data & Analytics		√	Not recommended
Diploma Cybersecurity & Digital Forensics		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	Not recommended
Diploma in Applied Artificial Intelligence. The Normal and High-End specification provided, the GPU are not supported for deep learning		Processor: Intel 13th generation, i7 13700H Memory: 16GB Hard Drive: at least 1TB SSD Graphic: RTX 4070 with at least 8GB VRAM	Not recommended
Common ICT Programme		✓	Not recommended
Centre for Foundation Studies			
Polytechnic Foundation Programme	√ (Note: Please also refer to the respective Diploma course for specific requirements)		