

## **Additional Course Costs**

### **Cardiff School of Art & Design**

#### **Undergraduate costs of study in CSAD**

##### **Materials**

CSAD provides a variety of basic materials. These enable students to develop their competence in a range of skills and demonstrate their technical ability. Materials needed in bulk, or those that are specialised, expensive or unusual are at the student's expense. Advice will be given about how 'bulk' is defined, which materials are deemed to be 'expensive', and examples given of what is viewed to be 'unusual'. CSAD students often elect to spend on materials they prefer to work with, including sketchbooks and pens, as well as specialist equipment of their own choosing.

In the main, no charges are made for the use of equipment, with the exception of some specific equipment such as Digital fabric printing, 3D printing and laser cutting. Charges for use of this specific CSAD equipment are set at the beginning of each term and published on Moodle. There is a large format printing service available on campus which will incur printing costs.

##### **Cardiff FabLab**

Access to Cardiff FabLab is optional and is subject to charges for equipment use and materials

##### **Trips and visits**

Trips that are part of core learning will be paid for by the School. Additional optional trips may be arranged where the students will be asked to share the costs. The costs of study abroad, including exchanges, placements and projects are the responsibility of the individual student.

**Likely spend on materials and equipment**

CSAD provides a variety of basic materials. These enable students to develop their competence in a range of skills and demonstrate their technical ability.

Materials needed in bulk, or those that are specialised, expensive or unusual are at the student's expense. Such items might include photographic paper for large scale or exhibition quality work.

Advice will be given about how 'bulk' is defined, which materials are deemed to be 'expensive', and examples given of what is viewed to be 'unusual'.

CSAD students often elect to spend on materials they prefer to work with, including sketchbooks and pens, as well as specialist equipment of their own choosing.

Other costs such as printing/copying and the purchase of textbooks will also need to be accounted for.

<b>Programme</b>	<b>BA Artist Designer: Maker</b>
Equipment needed	Standard: steel rule, scalpel, quality drawing materials, sketch book, apron, dust mask.  For Ceramics: plastic or wooden modelling tools, sponge, potters' knife, bucket (students may choose to purchase these once they are enrolled)
Equipment recommended	Digital camera, smart phone or tablet capable of recording video.

Programme	BA Textiles
Equipment needed	<p><b>Essential Art Equipment:</b></p> <ul style="list-style-type: none"> <li>• Gouache paint (primary's, black and white)</li> <li>• Glue sticks</li> <li>• Masking tape rolls</li> <li>• Paint palette</li> <li>• Coloured pencils</li> <li>• Coloured inks (including black)</li> <li>• Felt tips/ brush pens</li> <li>• Cutting knife &amp; mat</li> <li>• Range of paint brushes and sponges</li> <li>• Water pot (a recycled jar works brilliantly!)</li> <li>• Eraser</li> <li>• Oil pastels</li> <li>• Metal ruler</li> <li>• Dressmaking scissors (which should be kept for fabric only)</li> <li>• embroidery scissors (fine pointed, curved blades)</li> <li>• wooden embroidery hoop 20cm</li> <li>• disappearing marker pen/chalk pencil</li> </ul>
Equipment recommended	<p><b>Digital Equipment:</b> We strongly recommend purchasing a USB drive (256gb) or a portable/external hard-drive to back up and transport your digital files</p> <p><b>Specialist Equipment:</b> Sewing machine (type to be advised by Technician Demonstrator, based on student's interests)</p>

Programme	BA Ceramics
Equipment needed and equipment	<p><u>General equipment:</u> Large bucket, washing-up bowl, jumbo sponge, small sponge, set of small plastic lidded containers, ruler, set of 3 plastic mixing bowls, plastic measuring jug, paint scraper, plastic funnel, large wooden rolling pin, small and large decorators' paintbrushes, roll of plastic bin liners, old newspapers.</p> <p><u>Specialist equipment needed from a specialist pottery tools supplier:</u> Pottery knife; set of 6 boxwood modelling tools; metal modelling tool/riffler; clay wire; surform; large and small looped turning tool; blade/spade turning tool; wooden throwing rib; metal kidneys (smooth and serrated type); potters pin; small sponge on a stick.</p> <p><u>Relevant H&amp;S Equipment:</u> CSAD will source COSHH compliant equipment for students to purchase; this will include regulation respirator mask with Interchangeable filters (dust and fume filters) and a teralene apron</p>
Likely spend on materials and equipment	<p>CSAD provides a variety of basic materials. These enable students to develop their competence in a range of skills and demonstrate their technical ability.</p> <p>Materials needed in bulk, or those that are specialised, expensive or unusual are at the student's expense.</p> <p>Advice will be given about how 'bulk' is defined, which materials are deemed to be 'expensive', and examples given of what is viewed to be 'unusual'.</p> <p>CSAD students often elect to spend on materials they prefer to work with, including sketchbooks and pens, as well as specialist equipment of their own choosing. Other costs such as printing/copying and the purchase of textbooks will also need to be accounted for.</p>

<b>Programme</b>	<b>BA Fine Art</b>
Equipment needed	<p>As part of your Artists Tool box Disposable gloves, overalls or apron, rags for clearing-up, tape measure, staple gun, Scalpel, scissors, stanley knife, Parcel Tape, Masking tape claw hammer, pin hammer, pair of pliers, tenon saw, a selection of artist brushes, painting palette and knives, 2" + 4" household brushes, sealable containers for decanted materials sketchbooks and notebooks.</p> <p>Digital camera capable of recording video.</p>
Equipment recommended	<p>Laptop (Further advise on specification will be provided in your joining packs)</p> <p>Favorite materials such as inks, watercolours, oils, specialist papers or craft tools</p>

<b>Programme</b>	<b>BA Photography</b>
Equipment needed	DSLR or equivalent quality camera with a hot shoe for flash photography (Recommendations on specification will be given at the start of the course for those who do not already own one. Prices start at around £300)
Equipment recommended	Laptop capable of running photo editing software such as Adobe® Photoshop®. Recommendations on specification will be given at the start of the course.  SS storage devices – SD cards, (high speed) memory sticks or external USB HDD. .

<b>Programme</b>	<b>BA Graphic Communication</b>
Equipment needed	A laptop (Further advise on specification will be provided in your joining packs)  Memory stick, drawing equipment: range of lead pencils, set of coloured pencils, pens, metal ruler, scissors, pritstick, sketchbooks, layout pads, scalpel, eraser and pencil sharpener  Digital camera capable of recording video.
Equipment recommended	A4 colour printer



Programme	BA Illustration
Equipment needed	<p>A range of pencils, drawing and writing pens; pencil sharpener; good quality paints including gouache water colour and acrylic; miscellaneous materials for collage; sketchbooks and notebooks; a good pair of scissors; a scalpel (Swann Morten with No.10 blades is ideal); a putty eraser; glue stick; masking tape; an A3 cutting mat and 30cm metal ruler.</p> <p>A portfolio case for carrying work to and from college and for submission purposes.</p>
Equipment recommended	<p>Laptop (Further advise on specification will be provided in your joining packs)</p> <p>Digital camera capable of recording video.</p> <p>Tape measure</p> <p>Things that you like and are fascinating to make work with.</p>

Programme	BA Product Design
Equipment needed	<ul style="list-style-type: none"> <li>• Fine Liners - 0.3, 0.5, 0.8</li> <li>• Blue and Black Biro/ballpoint pens</li> <li>• Propelling Pencil 0.3mm</li> <li>• Rubber/eraser</li> <li>• Notepad</li> <li>• Layout paper A3</li> <li>• Marker paper A3</li> <li>• Windsor &amp; Newton Promarker's, suggested sets: <ul style="list-style-type: none"> <li>○ 24 blacks and greys set,</li> <li>○ 24 in wallet set (colour)</li> </ul> </li> <li>• Scissors</li> <li>• Metal rule</li> <li>• Stanley Knife</li> <li>• Scalpel</li> <li>• Double-Sided tape</li> <li>• Masking Tape</li> <li>• Metal Ruler</li> </ul>
Equipment recommended	<p>Digital camera capable of recording video.</p> <p>Digital camera capable of recording video.</p> <ul style="list-style-type: none"> <li>• Windows based laptop computer (with graphics card capable of running 3D CAD software – Solid Works)</li> <li>• Computer mouse</li> <li>• Tablet for digital sketching – Apple iPad Pro or Apple iPad Air or Microsoft Surface Pro</li> </ul>

<b>Programme</b>	<b>BSc Product Design</b>
Equipment needed	<p>Compass, Protractor, Scalpel &amp; replacement blades, Rubber, 150mm metal rule, 300mm metal rule, Rotring Multi-Scale Ruler, Set Square, Mechanical pencil with replacement filament, Pencils, Biro, Work Pads (note books), Double sided tape, Masking tape, Selotape, Super glue, Ellipse templates, Circle templates, Flexible curves, Fine liners 0.1, 0.2, 0.3, 0.4, 0.5, Render marker pens sets (grey scale &amp; colours), Marker paper (A3 pad), Layout Pad, A3 folder (to carry your sketch books), Computer Mouse</p> <p>Flash drive for laser-cutter, 3-D printers and CNC. Basic compass</p>
Equipment recommended	<p>Digital camera capable of recording video.</p> <p>A Microsoft Windows based laptop computer is recommended, as Windows is compatible with all our preferred software. (Advice on specification will be provided in your joining packs)</p> <p>500GB portable hard drive (for data backups)</p> <p>You may also wish to buy a large stand-alone monitor (e.g. 24 inch) when using the laptop as a desktop especially when working with 3D CAD.</p>

<b>Programme</b>	<b>BSc Architectural Design &amp; Technology</b>
Equipment needed	Architectural scale rule, some technical pencils -typically 0.5mm and 0.9mm, technical ink pens of the disposable type - typically 0.1, 0.35, 0.5mm, A4 sketchbooks, pencil eraser and a roll of drafting tape. 2 USB pen drives for data storage and backup – fast USB3 drives of 16GB+ are recommended.
Equipment recommended	<p>Digital camera capable of recording video.</p> <p>A Microsoft Windows based laptop computer is recommended, as Windows is compatible with all our preferred software. (Advise on specification will be provided in your joining packs)</p> <p>Scientific calculator, A3 tracing paper pad, A4 graph pad, portfolio case/drawing tube.</p> <p>Model making tools including a 9mm 'snap off' bladed knife and spare blades, safety rule, mini pliers, PVA Glue, scissors, masking and double sided tape..</p>

<b>Programme</b>	<b>BA Architecture</b>
Equipment needed	Architectural scale rule;, technical drawing pen set (01. 0.3, 0.5 and 0.7- disposable types will suffice); mechanical pencil (0.5 or 0.7); Hard drawing pencils e.g. 4H; A4 sketchbook; roll of drafting/masking tape; 300mm metal rule; Scalpel and blades (e. g. Swann Morton 10A) or a snap-off craft knife; multi-purpose modelling glue; roll of 25mm double-sided tape; A3 cutting mat, 5m measuring tape. USB pen drive for data transfer and backup – fast USB3 drives of 16GB+ are recommended.
Equipment recommended	<p>Camera or phone facility of at least 5MP and capable of recording video</p> <p>A Laptop computer specified for graphics/ high performance; (Advice on specification will be provided in your joining packs). Essential course software is free of charge at the time of writing (subject to manufacturers' student pricing policy) however additional software may have a cost.</p> <p>Scientific calculator, A3 tracing paper pad, A4 graph pad, portfolio case/drawing tube.</p>

Programme	<b>BA (Hons) Interior Design</b>
Equipment needed	300mm triangular scale rule; adjustable sets square; technical drawing pen set (01. 0.3, 0.5 and 0.7); mechanical pencil (0.5 or 0.7); A4 sketchbook; roll of drafting/masking tape; 300mm metal rule; Swann Morten Scalpel and 10A blades; multi-purpose modelling glue; roll of 25mm double-sided tape; A3 cutting mat, USB digital storage device (min. 8GB); 5m measuring tape.
Equipment recommended	<p>Digital camera capable of recording video.</p> <p>Laptop computer specified for graphics / high performance. (Further advise on minimum specification and software requirements during Induction week)</p> <p>Set of sketching pencils; set of coloured pencils (or markers / pastels / chalks or paints); portfolio case or drawing tube.</p>

Programme	<b>BA Animation</b>
Equipment needed	<p>A range of pencils, drawing and writing pens; pencil sharpener; good quality paints including gouache water colour and acrylic.</p> <p>Miscellaneous materials for collage; sketchbooks and notebooks; a good pair of scissors; a scalpel (Swann Morten with No.10 blades is ideal); a putty eraser; glue stick; masking tape; an A3 cutting mat and 30cm metal ruler.</p> <p>Tape measure</p> <p>A portfolio case for carrying work to and from college and for submission purposes.</p> <p>1TB Portable Hard Drive (Further advise on specification will be provided in your joining packs)</p>
Equipment recommended	<p>Laptop, (Further advise on specification will be provided in your joining packs)</p> <p>Digital camera capable of recording video.</p>

Programme	<b>BA Fashion Design</b>
Fashion Designers Tool Kit	<p>The following list of essentials is a good place to start building your toolkit to support your pattern drafting and clothing construction studies:</p> <ul style="list-style-type: none"> <li>• A4/A3 quality sketchbooks</li> <li>• A range of mixed quality papers/sizes including cartridge paper, kraft paper, newsprint, tracing paper</li> <li>• A4 layout pad</li> <li>• Fine liner pens in different weights e.g., 0.1, 0.3, 0.5</li> <li>• Pro-markers - flesh tones are a must</li> <li>• Range of pencil weights from H - B</li> <li>• Sketching media such as coloured pencils, pastels etc.</li> <li>• Sewing kit including needles, threads, embroidery scissors, pincushion</li> <li>• Vanishing cloth markers and/or tailor's chalk</li> <li>• Scissors: invest in two pairs of good scissors, one for paper and one for fabric; you are discouraged from using the same pair of scissors for both!</li> <li>• Glues: Paper and Fabric</li> <li>• Tapes: cello tape, masking tape, double-sided, 'magic' tape</li> <li>• Carrying device to keep all your kit in one place (not too big!)</li> </ul> <p><b>N.B.</b> Students may have a lot of this already from previous studies so aren't required to buy 'brand new' if you do not need them. We also encourage students to source sustainably by visiting charity shops, checking online resale sites such as Facebook Marketplace or eBay and by asking friends and family</p>
Specialist Equipment	<p>Equipment and supplies can be purchased directly from Morplan at <a href="http://www.morplan.com">www.morplan.com</a> (Codes correct at time of writing)</p> <ul style="list-style-type: none"> <li>• Pattern Master in metric* code 41541</li> <li>• Tailors Shears* code 56110</li> <li>• Analogical Tape Measure* code 43278</li> <li>• Pattern notcher tool code 41208</li> <li>• Tracing wheel codes 41195 / 41209</li> <li>• Quick unpicker/seam ripper code 42902</li> <li>• Snips code 54891</li> <li>• Dressmaking Pins code 43451</li> <li>• Garment bags clear pack of 5 code 89222</li> </ul> <p>*these are essential tools and will serve you well beyond your degree!</p>

	<p><b>N.B.</b> Many of these items can also be purchased from other retailers and if students already have these items (or similar) they are not required to buy them again. We also encourage students to source sustainably by visiting charity shops, checking online resale sites such as Facebook Marketplace or eBay and by asking friends and family.</p>
Fashion Materials	<p>Please note, students may incur additional costs for purchasing fabrics when sampling garments or textiles and will be different for each project within the curriculum.</p>
Equipment recommended	<p>Digital camera/phone capable of recording video.</p> <p>A laptop computer; it will be important that the device's specification supports the Adobe Creative Suite package e.g. Adobe Illustrator, Photoshop and InDesign. This software is also available to access on campus, but students may require use of it out-of-hours, as part of independent study.</p>