

Programme Specification

BA (Hons) Modelmaking



This Programme Specification is designed for prospective students, current students, graduates, academic staff and potential employers. It provides a summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided.

Whilst every endeavour has been made to provide the course described in the Programme Specification, the University reserves the right to make such changes as may be appropriate for reasons of operational efficiency or due to circumstances beyond its control. Any changes are made in accordance with the University's academic standards and quality procedures.

This document is available in alternative formats on request.

ARTS UNIVERSITY BOURNEMOUTH

PROGRAMME SPECIFICATION

The Programme Specification provides a summary of the main features of the **BA (Hons) Modelmaking** course, and the learning outcomes that a 'typical' student might reasonably be expected to achieve and demonstrate if he/she passes the course.

Further detailed information on the learning outcomes, content and teaching and learning methods of each unit may be found in your Course Handbook.

<u>Key Course Information</u>	
Final Award	BA (Hons)
Course Title	Modelmaking
Award Title	BA (Hons) Modelmaking
Teaching institution	Arts University Bournemouth
Awarding Institution	Arts University Bournemouth
Offered in the Faculty of:	Art, Design and Architecture
Professional accreditation	None
Length of course / mode of study	3 years full-time
Level of final award (in FHEQ)	Level 6
Subject benchmark statement	Art and Design
UCAS code	W291
Language of study	English
External Examiner for course	Andrew Stead University for the Creative Arts (Rochester)
<i>Please note that it is not appropriate for students to contact external examiners directly</i>	
Date of Validation	1998
Date of most recent review	April 2014
Date programme specification written/revised	Revised September 2014

Course Philosophy

The BA (Hons) Modelmaking degree produces creative, articulate and versatile professional modelmakers. Through an understanding of the appropriate combination of digital technologies and traditional techniques, our graduates excel in a broad spectrum of the creative industries and other design related disciplines. The course has developed an international reputation for high standards and quality, enabling graduates to attain employment in a global market.

Graduates of the modelmaking degree will enjoy an enviable mix of employment opportunities; they are able to follow life long ambitions into to careers, which involve everything from sculpting and prop building for the film industry to helping engineer next years' winning car in Formula 1.

The courses broad approach to making ensure that graduate careers include the following as well as many other disciplines:

3D Visualisation	Jewellery design and making
Animation	Marine
Animatronics	Medical prosthetics and science
Architectural Modelmaking	Museum and Heritage Display
Automotive and Auto sport	Product development and design
Character development	Prosthetics for film and stage
Computer gaming	Prototyping
Costume	Sculpting
Digital and Physical Interaction	Teaching
Digital effects and Sculpting	Wind tunnel test modelling

Graduates annually attain employment in globally renowned companies within the specialisms listed above.

The course develops graduates who are capable of instigating and leading innovation through confidence in their own capacity to foresee and respond to change and adapt to future trends. We expect graduates from this degree to be versatile in their abilities to combine digital and physical media in creative solutions and interpretations. Graduates will understand the need for continuous development and understand the importance of communication and collaboration. Graduates will develop a professional and commercial understanding of the future of modelmaking as a discipline.

Consequently the course prides itself in the high standard and employability of its graduates. We aim to impart a diverse skill set to students, which will allow for greater flexibility with regards to employment opportunities. The course embraces new and emerging technologies and techniques, maintaining currency and diversity through well established communications with industry.

Students at all levels regularly take the opportunity to work in collaboration with other courses throughout the University. In addition to teamwork undertaken on the course this ensures that students develop a professional work ethic, which further enhances both their employability and the courses reputation.

The course encourages the sharing of knowledge, curiosity and innovation through cross level student mentoring, competitive team projects and enrichment activities such as specialist workshops run by both students and staff.

Students pursue a programme of advanced independent research, and appreciate that a high level of skill in research, analysis, criticism and communication, is appropriate to the award of BA with Honours. This continues throughout Level 6 where their research and learning relates to the professional context and the transferable nature of their knowledge. The student is encouraged to consider their professional and personal potential beyond graduation.

In addition to direct progression into the modelmaking industry graduates will also be enabled to progress onto postgraduate study examples include teacher training, design interaction, computer animation and architectural representation . All graduates from this degree will produce a creative and diverse portfolio targeted towards future employability, entrepreneurial activities and or postgraduate study.

Course Aims

- CA1: To achieve career and personal aspirations by identifying and using essential skills of craftsmanship and scholarship.
- CA2: To achieve and maintain an appropriate level of professional working practice.
- CA3: To understand and benefit from the principles of teamwork, project management and independent study.
- CA4: To encourage an active integration of social, cultural and historical concepts within making practice.
- CA5: To embed an understanding of ethical and sustainable concepts related to making practice.
- CA6: To use research and development principles effectively and in an appropriate manner.
- CA7: To build a currency of skills and knowledge which starts the process of continuous professional development.
- CA8: To enable effective communication through critical self-awareness and promotion.
- CA9: To embed a positive outlook toward changes in industry and encourage assertive responses to new technologies.

Course Outcomes

By the end of the course you will be able to:

- CO1: Exploit your skills of craftsmanship and scholarship to identify and achieve your creative and professional aspirations.

- CO2: Present professional quality outcomes demonstrating safe, confident and appropriate use of technology, tools and materials.
- CO3: Demonstrate an ability to manage a project through effective independent study and embed a sound-working ethos.
- CO4: Appreciate the relationship between theory and practice and be able to relate your work to the social, cultural and historical concepts of related disciplines.
- CO5: Demonstrate a working knowledge of ethical and sustainable concepts within making practice.
- CO6: Demonstrate a refined approach to research and development by applying intellectual skills and effective critical evaluation.
- CO7: Apply knowledge of the professional practice of commercial making to continuously develop a broad set of transferable skills.
- CO8: Demonstrate critical self-awareness and effective communication by presenting yourself and your work to others.
- CO9: Appreciate the possibilities and restrictions offered by combinations of established, emerging and future technologies.

Reference Points

UK Quality Code for higher education, including:

- Subject Benchmark Statement: *Art and Design*
- Framework for Higher Education Qualifications (FHEQ)

AUB Undergraduate Regulatory Framework

AUB Learning and Teaching Strategy

AUB Strategic Plan

AUB Employability Framework

Learning, Teaching and Assessment

Learning and Teaching Strategies

The course combines independent learning and structured taught sessions. Teaching includes guided studio sessions, inductions, demonstrations, specialist workshops, individual and group tutorials, seminars, group critiques, lectures and study visits. These are delivered by a course team of industry-experienced professionals. The teaching is further supplemented by the invaluable input of visiting professionals, supplying the course with a wide range of current skills and industry knowledge. Work experience and company visits also provide highly valuable learning opportunities.

Independent learning includes studio practice, research, analysis and critical reflection. Teaching by the course team is directed at supporting you in managing your learning. You are encouraged to develop strategies for independent learning and time management on each unit of study and this responsibility progresses as you

move through the levels of the course where the use of a statement of intent becomes an integral part of the process.

The studio environment is an important factor in learning and teaching and the course team promote the value of peer learning, accruing from the studio based practice and a variety of team projects. Emphasis on professionalism in terms of time management and personal attitude is developed throughout the course and is demonstrated in the form of critiques, presentations as well as studio and workshop practices.

You are formally introduced to the fundamentals of team working through dedicated workshops and a strand of enhancement activities throughout levels 4 and 5. Collaboration with other students, other courses, other universities and with industry is actively encouraged and in some cases formerly arranged across all three levels.

Assessment

Each unit is assessed separately, and the assessment forms part of the unit. Assessment both provides a measure of your achievement, and also gives you regular feedback on how your learning is developing.

For every unit of your course you will be provided with a Unit Handbook, which will state what you are expected to learn within the unit; the work that you have to submit; and how it will be assessed. The Unit Handbook will also give the deadline for presenting your work for assessment.

You will receive a final mark for each unit in the form of a percentage, which will be recorded on your formal record of achievement (transcript). Each component of assessment is graded using a notched marking scale, whereby only certain marks are used within each grade. The only marks available within any ten-point band are *2, *5 and *8 (eg 42, 45, 48). These marks correspond to a low, mid, and high level of achievement within each grade band.

On successful completion of your Honours degree course, you will be awarded a degree classification based on your unit marks. The final classification is determined using all unit marks at Levels 5 and 6 using two different algorithms, which are detailed in your *Quick Guide to the regulations*. If the two algorithms produce different results, you will be awarded the higher class of degree.

If you have joined Level 6 having completed a Foundation Degree (FdA) the final classification is determined using only your unit marks at Level 6.

For further information on progression, awards and classifications, please visit <https://my.aub.ac.uk/viewpoint/>.

Course Structure

All students are registered for the award of BA (Hons); however exit awards are available if you leave the course early, having successfully completed one or two levels. If you successfully complete a level of the course, you will automatically be entitled to progress to the next level.

For the award of a Certificate of Higher Education (CertHE), you must have achieved a minimum of 120 credits at Level 4. This qualification may be awarded if you leave the University following successful completion of the first year of your course.

For the award of a Diploma of Higher Education (DipHE), you must have achieved a minimum of 240 credits of which a minimum of 120 must be at Level 5. This qualification may be awarded if you leave the University following successful completion of the second year of your course.

For the award of a BA (Hons) you must have achieved a minimum of 360 credits of which a minimum of 240 must be at Level 5 or above, of which a minimum of 120 credits must be at Level 6. This qualification will be awarded upon successful completion of your course.

A BA without Honours may be awarded if you have achieved 300 credits, at least 180 of which are at Level 5 or above, and at least 60 of which are at Level 6.

Course Content

The course has a parallel rather than sequential structure, introducing making, design and communication as the key elements of advanced professional practice from the outset. Progression consists of a process of developing and integrating those capacities through practice, research and reflection. Communication is seen as the central function of the professional model. A second defining expectation is that modelmaking is a performative discipline, requiring the physical realisation of a successful model under the range of conditions found in industry. Thirdly, research, reflection and writing are seen as essential to developing this professional capacity and are therefore closely integrated with practice at all three levels.

Level 4

You are introduced at Level 4 to all the core skills of a professional modelmaker: Making processes and techniques, design thinking, and the essential function of the model as a form of communication.

Previous assumptions about skills, methods, thought processes, and representation are challenged, reframed, and developed to build the necessary foundations for professional practice.

Teaching seeks to move you swiftly from 'rule-seeking behaviour' to independent decision making.

Level 5

In the second year you continue to develop your understanding of model making as communication. Interpretation and representation are studied and practiced in a variety of different professional contexts.

Attention is turned outwards to clients, to industry and to society as a whole. Engagement and interaction with industry, audiences and consumers, (in the form of live briefs where possible) are integrated into the curriculum, as is research, reflection and the use of writing to develop understanding.

You are encouraged to develop interests and lines of enquiry which will inform the

choice of creative and career directions in the third year.

Teaching seeks to facilitate your self-discovery and to build your confidence in pursuing independent paths in skill development, reflection and inquiry, and in choosing career directions.

Level 6

In the final year the direction of the course and of your decision making, is firmly towards the outside world as characterised by clients, the industry and audiences. As part of this however, there is a continuous process in which you are expected (through research and work experience) to 'benchmark' standards of performance, and to define, manage and meet your own personal standards of excellence.

Expectations are set that you will demonstrate high levels of ambition as well as achievement, and demonstrate the flexibility and resourcefulness appropriate to a professional in achieving those goals.

Teaching supports you to engage staff in dialogue over decision making, from an independent position. You are encouraged to identify yourselves as members of your chosen professional field, to make connections through personal contact and research and to 'prepare for success' by seeing yourself as a professional already in practice.

Course Units

Unit code	Unit Title	Credit Weighting
Level 4		
MDM450	Exploding Myths	40
MDM451	Thinking and Making	40
MDM452	Media Solutions	20
MDM453	Contemporary Issues	20
Level 5		
MDM555	Representation	20
MDM556	Visualisation	20
MDM557	Communication	20
MDM558	Realisation	20
MDM559	Informed Making	40
Level 6		
MDM650	External Brief	20
MDM651	Making an Argument	20
MDM652	Final Major Project	60
MDM653	Launch Pad	20

Course Diagram

This schematic diagram shows the proposed start/end dates for each unit with assessment periods. Further information on the structure of each unit will be included in unit handbooks.

Level 4																														
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Induction week	MDM450 Exploding Myths (40 credits)										MDM451 Thinking and Making (40 credits)										MDM452 Media Solutions (20 credits)									
																					MDM453 Contemporary Issues (20 credits)									

Level 5																														
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	MDM555 Representation (20 credits)										MDM557 Communication (20 credits)										MDM559 Informed Making (40 credits)									
	MDM556 Visualisation (20 credits)										MDM558 Realisation (20 credits)																			

Level 6																														
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MDM650 External Brief (20 credits)											MDM652 Final Major Project (60 credits)																			
MDM651 Making an Argument (20 credits)											MDM653 Launch Pad (20 credits)																			

Resources

Specialist resources:

The workshop is a purpose built building to support high end 3D making courses. The workshop is well equipped with a full range of traditional machinery as well as the latest digital manufacturing equipment. Plastics, Woodworking, Metalworking, Spraying, Mould making and Casting, CNC machining, 3D printing, and laser cutting are all fully supported with equipment and knowledge. The workshop team are highly experienced and demonstrate a great wealth of technical and material knowledge.

Standard materials such as card, MDF, timber, plastics, model board, cellulose paints, clay, plaster, armature wire, GRP materials, silicone and PU casting resins are all available for student use from one of several storage areas. In addition a range of specialist materials are made available for purchase.

University Resources:

Library

The course is supported by a Subject Librarian who liaises closely with the team to ensure that the Library resources are relevant and meet student and staff research needs. As part of the AUB's Information Literacy Framework, the Subject Librarian provides sessions on researching and using information, as well as individual support for students in the use of Library resources

The Library holds an excellent range of specialist learning materials including books, journals, CDs, DVDs, and newspapers. It has subscriptions to a wide range of specialist electronic resources focusing on art, design, media and performance, including e-books and e-journals. The Library's facilities include computers, viewing rooms, a presentation space and a silent reading room.

The Library consistently receives high scores in both the in-house and national student surveys, which are carried out annually.

Information technology

The University provides a comprehensive range of IT resources, utilising Apple Macintosh, Windows Personal Computers and specialist resources for its art, design, media and performance disciplines. The University uses Industry standard software from Microsoft, Adobe, Macromedia, Apple, Quark and leading software suppliers, and is continually investing in its technology and resources.

IT resources are also available to you via the Library, plus through a number of bookable IT suites and dedicated base room provision. To enable access to learning resources, wireless internet access is also available.

The ITCS section (Information Technology and Communication Services) provides a helpdesk facility for IT enquiries and fault notification. The Helpdesk is open from 8.30am until 5pm from Monday to Friday Email: itcshelpdesk@aub.ac.uk

Museum of Design in Plastic (MoDiP)

MoDiP is a registered museum of 20th and 21st century design and popular culture with a focus on plastics. Its collection is unique within the UK and has been developed to support teaching and learning at Arts University Bournemouth.

There are many ways in which MoDiP can play a part in your studies:

- as a source of inspiration – large numbers of items may be viewed, handled and explored in depth, drawn, photographed and filmed
- as the focus of a brief for products and projects relating to course work
- as an exhibition venue – your work can be displayed in relation to the collections and exhibitions and events may be mounted in the museum space

The Museum is in a purpose built space within the Library, designed with wheelchair access in mind, and has the same opening hours as the rest of the University for the viewing of exhibitions. Objects not on display can be borrowed and taken to the studio. To see what is available, go to the [Plastics Network](http://www.plasticsnetwork.org) website (www.plasticsnetwork.org).

The Gallery

The gallery is a major resource for contemporary visual art at Arts University Bournemouth and has received regional and national recognition. There are regular gallery events, including collections on loan from galleries and museums, as well as individual exhibitions by some of today's leading artists, photographers, designers and critical writers.

It also functions as a learning resource and is integrated into the teaching, learning, and research practice undertaken at the University.

text + work is the ethos which underpins the exhibition programme at Arts University Bournemouth. The **text + work** concept promotes and provides a forum for challenging dialogue between innovative contemporary art, design, and media practice and its theoretical context.

There are **text + work** gallery events, critical texts, shared and networked exhibitions and a **text + work** website.

Student Support

Academic Guidance

Academic staff are responsible for providing you with feedback on your work and your general academic progress, and for providing academic support and guidance through the course. This is provided through “critiques” and written feedback, as well as guidance on practical work and informal discussion about your concerns. These sessions may be individual or, in the case of collaborative work, in small groups.

Academic tutorials are scheduled to allow you to discuss in depth matters relating to creative or theoretical work, or the course in general. You will be entitled to at least

one formal recorded academic tutorial per term with a nominated member of the course team.

Support and advice is also provided on an informal basis throughout the course, through discussions between staff and students.

Career Education, Information and Guidance

You will be prepared for employment, and given the opportunity to learn about the various career options available to you, through a wide range of projects which may include live briefs or external competitions. Academic staff remain very familiar with the discipline, and will often still work in the field, and are also able to advise on specific opportunities.

The Careers Service within the University offers impartial, confidential advice, support and guidance, to help you explore and develop your career ideas and manage your future career successfully. The Service offers individual career guidance interviews, as well as advice on job seeking strategies, CVs and interview skills, self-employment / freelancing, and further study opportunities.

The Senior Careers Officer holds regular lunchtime lectures, which cover a range of popular careers topics, including Postgraduate study and funding, Career planning, Networking and self-marketing, and Teaching as a career. Full details and dates of forthcoming lectures are available on the Careers intranet pages and on the Student Services notice boards.

The Careers Service also offers specialist events, working in partnership with local employers, AUB alumni, and external agencies to bring together a range of art, design, media and performance expertise.

Support for students with disabilities (including dyslexia)

The Arts University Bournemouth is firmly committed to a policy of equal opportunities for all students and positively welcomes applications from people with disabilities and/or additional needs. Throughout all aspects of University life, we actively encourage and support the participation of students with disabilities. We aim to support disabled students by offering needs assessments and support plans which enable you to achieve your personal goals.

The Learning Support team provides academic support for students with specific learning difficulties including dyslexia. We ask all new Home students to complete a 'Quickscan' screening programme when they join the University. This screening is designed to check your learning style (the way you learn best) and whether you might have signs of dyslexia. If appropriate, you will be referred to an educational psychologist for a full assessment.

Students with a specific learning difficulty such as dyslexia are able to access individual tutorials aimed at improving your independent study skills, and are supported in applying for the Disabled Students' Allowance, which can provide specialist equipment and, if appropriate, personal support.

The Senior Disability Officer and Wellbeing Officer provide ongoing support and advice for students with all other types of disability, including mental health difficulties, physical disabilities, medical conditions and sensory impairments.

The Arts University Bournemouth has a duty to anticipate the needs of disabled students, and to make “reasonable adjustments” to ensure that these students can access education and related services. If you feel that some aspect of the learning, teaching or assessment on your course places you at a disadvantage because of your disability, please contact the Senior Disability Officer within Student Services, who will be happy to work with you and your course team to identify any appropriate reasonable adjustments. Contact wellbeing@aub.ac.uk or telephone 01202 363291.

Support for students for whom English is a second language

If English is not your first language you will be invited to complete a brief written exercise during the initial weeks of your course, so that your current academic language skills can be assessed. Our English for Academic Purposes (EAP) tutors, who are part of the Learning Support team, will review the exercise and contact you if your work indicates that you would benefit from additional support. An EAP tutor will work with you to draw up an Individual Learning Plan, which will set out a structured approach to developing your independent academic and study skills. This may include helping you to develop strategies for interpreting assignment briefs, working on the structure of your written work, or developing your proof-reading skills, for example. The plan will be reviewed each term and will be shared with your course tutor so that they are aware of the work you are doing to improve your study skills. If necessary, your EAP tutor will refer you to a local language school so that you can improve your generic English language levels.

Pastoral support and guidance

Support and advice on non-academic matters is provided through trained and qualified professional staff within Student Services. We have a team of professionally qualified male and female counsellors, with appointments available during weekdays and evenings. Students accessing the service are offered various levels of support ranging from regular weekly sessions, occasional support or just a “one off” consultation. In most cases, you can expect to be seen for a session within two days of making initial contact with the service. If the situation is very urgent and you are very emotionally distressed, we also have a crisis support service and you will be seen by one of our counsellors almost immediately.

Pastoral support is also available from the AUB Chaplaincy. The Chaplaincy at Arts University Bournemouth is shared with Bournemouth University and is an inclusive Chaplaincy, which welcomes people of all faiths and none. The Quiet Room and the Islamic Prayer Room are in regular use by staff and students, and meetings with ministers of any faith can be arranged.

Advice and support with practical issues such as funding, accommodation or childcare is available from the Student Advice, Funds and Accommodation Office within Student Services.

Monitoring the quality of your course

The course is subject to the University's rigorous quality assurance procedures which involve subject specialist and internal peer review of the course at periodic intervals, normally of 5 years. This process ensures that the course engages with the QAA Quality Code.

In addition all courses undertake an Annual Course Review which takes account of relevant information such as:

- External Examiners' Reports
- Key statistics including data on application, retention and achievement
- Results of the National Student Survey
- Results of the in-house Student Perception Survey
- Feedback from Student Representatives
- Feedback from relevant employer groups, including the course Industry Liaison Group

All courses develop an action plan arising out of this exercise, which is monitored by the University. Your student representatives can keep you informed about progress against the action plan.

Staff development priorities for the course team as a whole are identified through the Annual Course Review process, and for individuals through the Staff Performance Review process.

Indicators of Quality and Standards

The Arts University Bournemouth was granted taught degree awarding powers by the Privy Council in 2008; and University status was conferred in 2013. All students on taught higher education courses are enrolled on a course validated by the University.

The University was audited by the QAA in May 2011 and received a judgement of 'Confidence' in the management of the academic standards of its awards, and its management of the quality of learning opportunities. This is the best available outcome, and confirms that our quality assurance mechanisms are robust, meaning that we can have full confidence in the standard of course outcomes, and the quality of the educational experience we deliver.

More detailed information is available in the following documents, which are available on the AUB Intranet:

- Online course information
- Unit Handbooks
- HE Student Regulations: Quick guide to the regulations
- Undergraduate Regulatory Framework and Assessment Regulations