TECHNOLOGY, DESIGN AND ENVIRONMENT

Undergraduate courses
MESSAGE FROM THE DEAN

The Faculty of Technology, Design and Environment at Oxford Brookes University has an international reputation for excellence, innovation and an ambitious desire to be recognised as one of the most exciting places to study in the world.

We have built a learning community underpinned with an understanding that innovation comes out of our students being able to take risks in a supportive environment. We encourage experimentation, playful trial and error, and academic curiosity. The results of this approach are there to be seen in the student satisfaction statistics, research rankings and graduate destinations.

We work closely with our graduates’ future employers and marketplaces, and understand that there is a world out there with a voracious appetite for new and exciting creative ideas welded to solid business acumen.

The Faculty is home to six Schools and Departments providing specialist and interdisciplinary teaching, research and knowledge transfer across a wide range of undergraduate and postgraduate programmes in purpose-built facilities in Oxford. However, much of our portfolio is also now delivered by academic partners elsewhere around the globe.

Our Schools and Departments are:
- The School of Architecture
- The School of Arts
- The Department of Computing and Communication Technologies
- The Department of Mechanical Engineering and Mathematical Sciences
- The Department of Planning
- The Department of Real Estate and Construction

The Faculty integrates theory and practice within an enthusiastic and informed collegiate culture; one that embraces new technologies, creates and communicates new knowledge, and celebrates the achievements of all our stakeholders and partners - staff, students, businesses, and community organisations.

This website is a portal to the six individual sites for our Schools and Departments. Each site acts as a virtual invitation into the real world of studying or working with us. We have included information about courses and facilities, staff and students’ personal stories, testimonials, and advice about the experience of being here and belonging to our community. You can connect with us via social media, our blogs and wikis and discussion boards.

Because over a quarter of our students are from other countries, we have strong international links and friendships with individuals and institutions all across the world. International aspiration marks everything we engage in.

We hope you will join with us in open, honest debate, developing your discipline within a twenty first century context of technological development and interdisciplinary innovation. You will be made very welcome.

Paul Inman
Pro Vice Chancellor
Dean of Technology, Design and Environment
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The Faculty of Technology, Design and Environment

School of Architecture

School of Arts

Department of Computing and Communication Technologies

Department of Mechanical Engineering and Mathematical Sciences

Department of Planning

Department of Real Estate and Construction
The Faculty of TDE

Technology, Design and Environment courses at Oxford Brookes University have an international reputation for excellence. Students benefit from world class teaching, first rate facilities, internationally recognised research and strong links with industry, both on a local and international scale.

We offer a wide-ranging portfolio of courses from Foundation years, through undergraduate honours degrees to postgraduate degrees and postgraduate research.

Oxford Brookes is repeatedly recognised as one of the top 5 institutions in the UK in which to study Architecture. Courses are accredited by the RIBA and the ARB.

Our School of Arts students have numerous opportunities to curate exhibitions, perform, exhibit and sell work.

The Department of Computing and Communication Technologies has a strong research presence both within the UK and worldwide and works with industrial partners to bring new products to market.

The Department of Planning is the largest in the country, with an excellent national and international reputation, and was the first to be awarded the maximum score for teaching quality by the government’s Quality Assurance Agency. Courses are accredited by the IEMA, IHBC, RICS and the RTPI.
The quality of the student experience, the strong research presence, the access to state-of-the-art technology and the close links with industry makes Oxford Brookes University one of the best places to study Technology, Design and Environment subjects in the UK.

The Department of Mechanical Engineering and Mathematical Sciences is situated in a purpose built £9m facility. Courses are accredited by the Institute of Mechanical Engineers and recognized by the Institute of Mathematics and its Applications.

In the Department of Real Estate and Construction, our undergraduate and postgraduate programmes are consistently ranked as excellent in both student surveys and independent quality assessments and our students are highly sought after within the industry both nationally and internationally.

At Oxford Brookes University we are improving our ‘space to think’ to help us achieve our ambition to create a first-class student experience and lead the intellectual, social and economic development of the communities we serve. Our extended Abercrombie building is now complete and houses our School of Architecture, Department of Planning and Department of Real Estate and Construction. Students will benefit from brand-new cutting-edge facilities and an inspiring working environment.
ARCHITECTURE & INTERIOR ARCHITECTURE

BA honours degrees from the School of Architecture

Architecture
BA (Hons)

Interior Architecture
BA (Hons)
The School of Architecture at Brookes is one of the oldest and best known in the UK. We have a reputation for academic excellence and taking an innovative approach to design. Our BA (Hons) Architecture course is accredited by the Royal Institute of British Architects (RIBA) and the Architects Registration Board (ARB).

The School offers an open and diverse approach to design with tutors who lead the field in their practice, teaching and research. Expertise, professional knowledge and research within the department’s postgraduate school informs and feeds into the activities of the undergraduate courses. The School leads the way in several specialist areas of knowledge such as development and post-emergency design, sustainability, cultural theory, and urban design.

In addition, there is a very active student society within the School. OxArch organises lectures, workshops, film screenings and social events. If you want a course that brings out your creative best, this is the one for you.

Employment prospects

The School of Architecture has an excellent employment record for its graduates who are well regarded by the profession. BA Architecture graduates have recently found year out placements at well known UK practices such as Rogers Stirk Harbour and Partners, Grimshaw Architects and Make Architects as well as up and coming practices at home and abroad such as raumlaborberlin.

In addition to following careers as practising architects and interior architects, some of our graduates also choose to follow careers in related professions such as exhibition design, set design, three dimensional visualisation, academic research, project management and architectural journalism.
BUILT ENVIRONMENT FOUNDATION

If you don't meet our formal entry requirements, or if you didn't do as well at A-level as you had expected, there is no need to give up hope. This Foundation programme could be just what you are looking for, as successful completion will guarantee you a place on one of the related degree courses in the Faculty.

Equally, if you want to return to study after working for a while, but lack confidence, this programme is designed to bring you up to speed. If you are an overseas student, or if your first language is not English, you will also find this programme ideally suited to your needs as it will introduce you to our way of learning. In addition, you will find an excellent range of English language courses on offer at Brookes.

Whatever your background, the Foundation programme will give you a good introduction to university life, widen your horizons and open up a host of exciting career and life opportunities.

Qualifications

We are looking for students who show they have the potential to benefit from a university education. Your personal statement is your chance to convince us of your enthusiasm for study. Showing us that you have a passion and commitment to embark on degree-level study is taken in conjunction with your existing qualifications. You should also indicate which degree you hope to progress onto.

You will need at least one (preferably two) A-level at D or above grade and in any subject, or a BTEC qualification or vocational A-level, plus GCSE Maths and English at grade C. If you are unsure whether you have the qualifications to start, contact us for a chat.

Progression to a BA or BSc

Successful completion of the Foundation course can lead you on to one of the related degree courses in the Faculty.

Our courses include:
- Architecture BA
- City and Regional Planning BA
- Construction Project Management BSc
- Interior Architecture BA
- Quantity Surveying and Commercial Management BSc
- Real Estate Management BSc.

All of the courses will have specific progression rules which will be highlighted to you during your induction programme. We will also provide you with advice and guidance on how you can meet the progression rules.

Why choose Oxford Brookes?

When asked what they value about their Brookes experience, most students are agreed on one thing – the quality of our staff. They help us to deliver courses that are centred around the needs of our students.

You will find that our staff will be on your side from the start, and prepared to work with you to bring out the best in you. Our aim is to prepare you thoroughly for undergraduate study.

While studying varying aspects of the built environment, you will also be able to gain a wide range of skills, including communication skills, such as writing, group working and the ability to make presentations, and learning how to use computers and access library facilities. Academic staff from our School of Architecture, Department of Planning and Department of Real Estate and Construction will all take an active role in ensuring the Foundation programme brings out the best in you.

www.brookes.ac.uk/undergraduate/courses/built_env
ARCHITECTURE BA (HONS)

Accredited by the Royal Institute of British Architects (RIBA) and the Architects Registration Board (ARB). This accreditation gives exemption from RIBA Part I, the first of three parts required for registration as an architect in the UK.

Architects are creative people who use this skill to anticipate and meet the needs and aspirations of a world that is changing technologically, culturally and physically. These needs range from fundamental issues such as shelter to the resolution of complex or large-scale projects that affect many different interest groups. Whatever the challenge each project sets, an architectural designer must provide the inspiration to generate a solution and think in three-dimensional space to communicate their proposal to others.

Architecture is a creative and fulfilling profession that is also challenging and requires a broad range of skills and knowledge. It requires invention, practical skill and technological expertise. An architect must be able to think spatially and communicate their ideas to others verbally and visually. An architectural project involves the skillful management of people, time and resources.

Architects work with clients, contractors, government bodies and specialists such as engineers, to design all aspects of our built environment from very detailed fragments to large-scale urban interventions. They can be involved from the very beginning of a project when it is just the germ of an idea and can see it through both design and construction, even continuing to be involved after it is occupied.

The quality of the design of the built environment affects everyone and the challenge for architects is to respond in a creative and generous way to improve the places where people live and work.

COURSE MODULES

Year 1

We encourage you to bring your own individual skills and knowledge to bear in your design work. We believe in adopting an integrated approach to design, balancing the need for creativity and flair with technological knowledge and expertise.

Design forms the core of the course and you will be given the opportunity to develop your creativity from the beginning of the course. Design takes place in the design studio which is where you will be based for much of the time. Individual and group design tutorials, reviews, presentations and workshops take place in the studio. The studios are also used for design work, drawing both digitally and by hand, and small model making. The workshop is equipped with more specialised equipment for more complex model making or construction, and specialised printing facilities are also available within the department.

Complementing this design studio activity are lectures, seminars, field trips, workshops and presentations. Assessment methods vary for each module but generally comprise different forms of coursework such as project work, presentations, reports, essays, group work and practical assignments.

In year one you will learn the fundamentals of architectural design including designing three-dimensionally, in context, to scale and developing an architectural brief. Design skills are supported by the parallel teaching of representational techniques such as architectural drawing and model making. You will also be introduced to architectural history and theory, the principles of technology, and learn about the architect’s role in society.

YEAR 1 MODULES

- Introduction to Architectural Design 1
- Introduction to Architectural Design 2
- Architectural Representation
- Architecture and Society
- Introduction to Architectural History
- Introductory Technology
Year 2
In years two and three, you will be asked to express a preference for which vertical design unit to join. In a unit, students in years two and three are taught together and pursue an area of study set by their unit tutors, although the design of projects is tailored to the different needs of years two and three.

In year two, design projects will increase in complexity to those tackled in year one. For example, the nature or sequence of spaces and complexity of the brief or context will increase. As in year one, representational techniques are taught in parallel to design, with Digital Culture in year two. The precedents of technology are taught, as are issues in History and Theory and a cultural context module about cities, culture and society.

Year 3
In year three, design projects increase in complexity once more, building upon the knowledge gained in the previous two years. You will be asked to change to a different vertical unit to broaden your understanding of different approaches to architectural design. The practice of technology is taught in year three and this involves an increasingly thorough integration of it into your design work than in previous years. You will be asked to choose an area of interest to you and write a dissertation on that subject. There is also a module called Preparation for Practice that will provide a grounding in professional knowledge.

After you graduate
Students wishing to go into architectural practice will need to gain practical experience, usually by spending a year working in an architectural firm. They will then go on to complete a two-year Diploma in Architecture. During the diploma year, students may specialise or opt for postgraduate research. Careers then open up in any aspect of architecture, which is a diverse and dynamic profession.
Before you came to Brookes what did you study and where?

A-levels in Art, English, Psychology, Performance Studies, and Information and Communication Technology at Thomas Telford School of Technology.

What made you choose Brookes as a place to study?

The Academic Achievement Bursary and a great architectural reputation. The creative disposition of the course.

What do you think of the course now you’re here?

Fantastic. The University is full of opportunities and challenges for those daring enough to seek them. The School of Architecture is exciting and forward thinking. The community in the studio is joyful and full of energy.

What are your plans for when you’ve completed your course, for work or further study?

Complete a placement year at a London practice and continue my architectural education.

What are the best bits of studying at Brookes?

The option of taking Independent Study modules. Last semester an independent study in architecture of film inspired me to apply for undergraduate research funding as part of a scheme set up at the Reinvention Centre for Undergraduate Research, in the School of Architecture. My entry was successful and awarded £2,000 to complete further research.

What advice do you have for others?

Be sure to take full advantage of the societies and communities at Brookes University. Joining the Brookes TV society, run from the media school, gave me an opportunity to flex my filming fingers by creating a piece for a local TV station. Conversely, if there is nothing that grabs your interest, take advantage of the enthusiastic student body and start up your own society. This year I was part of small group that set up an independent student newspaper. A whirlwind ride through fundraising, creating and designing, aided by Brookes’ friendly staff and top notch facilities. Brookes is blooming with opportunities.
INTERIOR ARCHITECTURE BA (HONS)

Interior Architecture is an exciting new discipline and one of the best established programmes in the country. Interior Architecture at Oxford Brookes University is among the founding members of IE/Interior Educators – the UK’s leading association of academic excellence in this field of research.

The programme is taught within the School of Architecture (part of the Faculty of Technology, Design and environment) but the design and product design technology components are specific to interiors. You will be taught in purpose-designed studios by a dedicated team of staff in conjunction with visiting critics and lecturers from the world of practice. As a relatively new field we are looking to define the role and scope of interior architecture, experimenting with the available knowledge and where possible expanding it.

As a programme we believe that interior architecture cannot be seen as the creation of a series of ‘still lives’, but rather it gains meaning and significance through its occupation and use. This shift of focus from the ‘object’ of the architecture to the ‘subject’ of the occupant places a new emphasis on position, time, view and reaction that the project induces. It also questions conventional methods of representation.

As an Interior Architecture student, you will be expected to work in a group and individually, to express yourself using a variety of media, both digital and material, to develop and build a series of prototype details and to carry out a sustained level of research which develops into design propositions. Other elements of the programme such as history and theory, digital culture and preparation for practice draw on the expertise of the School of Architecture, giving you the opportunity to meet and discuss with students from the architecture programmes. These links will ensure you are part of the intensely vibrant and forward-thinking undergraduate programme.

As an Interior Architecture student, you will be expected to work in a group and individually, to express yourself using a variety of media, both digital and material, to develop and build a series of prototype details and to carry out a sustained level of research which develops into design propositions. Other elements of the programme such as history and theory, digital culture and preparation for practice draw on the expertise of the School of Architecture, giving you the opportunity to meet and discuss with students from the architecture programmes. These links will ensure you are part of the intensely vibrant and forward-thinking undergraduate programme.

The real strength of the School is the energy and enthusiasm of both the students and staff. This is maintained in a friendly but questioning atmosphere.

Accreditation
This is a professionally oriented programme that takes three academic years (six semesters) full-time to complete. A part-time route is also available. The programme offers a BA Hons in Interior Architecture (please note that it does not offer RIBA Part 1 in Architecture).

International links
Interior Architecture supports an active international student exchange programme. In recent years we have welcomed students from Paris, Rome and the Bauhaus at Weimar and we are planning a series of international links with compatible programmes abroad. To encourage the understanding of different cultures and practice of architecture and interior design, each year we offer a one-week field trip to an international city.

After you graduate
Students from the course have gone on to a variety of career paths, mainly into architectural or interior design practices. However we have also had graduates going into production design, stage design, event management and architectural journalism. Several students have chosen to continue their studies with master’s programmes or postgraduate programmes, including diploma in Architecture.

ADMISSION REQUIREMENTS
GCSE Mathematics and English; and a physical science at grade C or above.

Recruitment is based on a portfolio submitted in one of three ways:
- interview, group assessment or USB/CD submission. Please see the portfolio guidance section for more about preparing a portfolio.
- Please also see the University’s general entry requirements and standard English language requirements.

TYPICAL OFFERS
- 3 A-levels grades ABB, or equivalent from 2 A-levels plus 2 AS-levels (we strongly recommend that one of the subjects is Art or Design or Design and Technology)
- equivalent grades in vocational A-levels
- International Baccalaureate 32 points minimum
- Advanced Diploma at grade B, including A-level at grade A
- Foundation Course in Art & Design with Merit/Pass and:
- a portfolio (eg sketches, freehand/ technical drawings, life drawings, 3D models, paintings, photographs) and normally an interview.
COURSE CONTENT

YEAR 1 MODULES
- Introduction to Architectural Design 1
- Introduction to Architectural Design 2
- Architectural Representation
- Introductory Technology
- Architecture and Society
- Introduction to Architectural History and Theory

YEAR 2 MODULES
- Interior Architecture 1
- Interior Architecture 2
- Digital Culture
- Architectural Technology and Precedent
- Cities, Culture and Society
- Issues in Architectural History and Theory

YEAR 3 MODULES
- Design Practice
- Interior Practice 3
- Digital Culture
- Product Design
- Management, Practice and Law
- Dissertation

Acceptable modules
- Independent Study

Year 1
The first year is a shared studio-based year which is run jointly with first year students of Architecture. Design is taught through the formulation of architecture and interior design proposals, using conceptual and realistic projects, which will develop your critical perception and improve your communication techniques both graphically and verbally. This part of the programme aims to bring all students to a shared level of knowledge, understanding and skill in design.

Year 2
The second year of the course focuses on the development of a personal design approach and its application to interior architecture, and the development of a critical approach to the histories and theories of spatial design. Projects will focus on the design of new public space and private interior space, and the re-use of existing building fabric.

Year 3
The third year of the course is designed to prepare you for practice by providing a realistic working scenario in which the students are able to have regular meetings with ‘clients’, experts and technical staff to draw inspiration and operative knowledge. In the second semester you will complete your final comprehensive design project and a dissertation on a subject of your choice.

www.brookes.ac.uk/undergraduate/courses/interior
INTERIOR ARCHITECTURE

WHAT’S BEEN SAID...

The range of teaching and learning techniques was laudable, with ample opportunity for both group interchange and development of individual skills. There was some very sophisticated spatial work being carried out by the first year students. The second year work was both exciting and intriguing in its ambition and its realisation. The new practice project in the third year was especially successful. The teaching team, still as enthusiastic and committed, should be commended on the emerging high quality of work across the three years of the course.

Angie Pascoe (London Metropolitan University)
External Examiner

For more student profiles visit:
http://architecture.brookes.ac.uk/media/profiles.html
PORTFOLIO GUIDANCE

Guidance Notes for Architecture (K100) and Interior Architecture (W250) Applications Assessment by Interview and/or Portfolio Assessment Day

The portfolio is an opportunity to demonstrate a sense of you as a visually creative person. We are eager to see a wide range in your creative ability. At Oxford Brookes University we value this and only consider students who have provided a portfolio. Therefore it is important your portfolio is as diverse as possible. Do not underestimate this competitive process and we ask for a portfolio that contains work illustrating your creativity rather than your technical ability.

Suggestions are as follows:

Two dimensional
- A mix of media, e.g.
- Free-hand drawing
- Observational drawing (sketches and drawings from reality not photographs)
- Sketch books (sketches from trips abroad and project ideas, etc)
- Life drawing (pencil, charcoal, etc)
- Collages/Montages/Mixed Media
- Work experience drawings
- Finished artworks

Three dimensional
- Scale models
- Material experimentation/sculpture
- Spatial installations
- Work experience models

Other
- Films
- Music
- Photography
- Website design
- Creative hobbies – textiles, metalwork, etc
- Precedent studies (research on artists and architects you find interesting)

Presenting your work
We would expect to see at least 15–20 pieces of work as a minimum. Feel free to include any kind of work you have done and we suggest a mix of both A-level and other personal work (non-A-level). The portfolio should be legible and in order.

We do not expect everyone to have everything – this is NOT a tick box exercise. However we are keen to see your point of view. What kind of architectures you find exciting. Show your passions, commitment and ambition as an individual to creative endeavour. Architecture is a challenging subject so show initiative. Surprise us.

We understand that some of your work may either have been submitted for A-level examinations or be too large for you to bring, in which case we ask for clear and focused photographs.
CONTACT INFORMATION

Undergraduate applications
For advice about undergraduate applications contact:
query@brookes.ac.uk
+44 (0) 1865 484848

International applications
For more information about applying as an International Student please visit:
www.brookes.ac.uk/international

More information
For more information about the School visit:
www.architecture.brookes.ac.uk

Friend us on facebook
www.facebook.com/OBUarchitecture

Follow us on twitter
@OBUarchitecture

Find us on YouTube
www.youtube.com/oxfordbrookes

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Oxford Brookes University
Headington Campus
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OX3 0BP
The Richard Hamilton Building has **24-hour access** for students.
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ARTS AT OXFORD BROOKES

My colleagues and I would like to welcome you to the School of Arts at Oxford Brookes University. We hope you are excited by the many opportunities our programmes in Art and Design Foundation, Fine Art, Publishing, Music and Film Studies present.

The facilities we have in the Richard Hamilton Building including technical specialist areas, practice rooms and studio spaces with 24 hour access are enjoyed by students from all courses. Our students benefit from this close creative environment and enjoy the convenience of being based on one campus and the easy use of all University facilities.

Due to the size of our courses, it is easy for us to get to know our students well and for them to feel supported through their studies. Our approachable and experienced team of staff each have their own particular area of professional arts practice, expertise and technical skills which feeds into their teaching on a daily basis. It is our aim to encourage a vibrant, inspirational learning environment and to provide the very best student experience.

All our Arts programmes have distinctive aspects particularly through the combination of technical skills, theory and professional practice. All Arts programmes have a work placement option and strong links with cultural and creative industries. The School of Arts is very much looking forward to the opening of the new gallery space as part of the New Library and Teaching Building where our students will have the opportunity to have a work placement to learn how to curate exhibitions, perform, exhibit and sell work. We actively encourage our students to enter competitions, exhibitions and to engage with industry and community based projects. We also have a studio award scheme to support students after graduation.

We hope you feel that you would like to be part of the School of Arts at Oxford Brookes University and we look forward to being part of your creative learning experience.

Alison Honour, Head of the School of Arts, with her own piece
The sun downed on a sun, its light in the sky.

Tammy Arin

10:10
it's the same time

The sun downed on a sun, its light in the sky.

Tammy Arin

10:10
it's the same time

The sun downed on a sun, its light in the sky.

Tammy Arin

10:10
it's the same time
ART AND DESIGN FOUNDATION

As many budding artists and designers will know, you normally have to take a foundation year before applying to study an Art and Design degree subject in the UK, in order to fully experience subjects and develop skills and techniques not normally available at school. This also enables you to make a more informed degree course choice.

A foundation course is the accepted route for degree level study in Fine Art (sculpture, painting, time based media, performance, installation), Illustration, Graphic Design, Textile Design, Fashion, 3D / Product / Lighting Design, Photography, Architecture, Animation, Jewellery Design, Ceramics and glass, Theatre Costume Design, Character Creation / Set & Prop Design and other related subjects.

Course Information

Our highly regarded foundation course provides you with a range of opportunities. From technical workshops through to challenging idea development projects, we offer the necessary variety of experience to prepare you for the next stage of your education. Through a programme of studio work, theory, lectures, artists’ talks and visits to museums and galleries in the UK and abroad, we encourage you to be aware of contemporary art and design and of the choices of subjects open to you. The course is one year full time. Students who take Art and Design Foundation will be working alongside our degree students who are studying a wide range of subjects within the stimulating environment of a thriving university Arts School.

Studio and workshop resources

Dedicated studio spaces, 24 hour access to studios, specialist printmaking and book-arts workshops, video editing facilities, electronic imaging resources, sound recording equipment, photographic studio and darkrooms and 3D and sculpture workshops are all available to our Foundation students.

Quality

The Oxford Brookes Foundation in Art and Design is one of the most popular the country, with an application ratio of eight students to every one place. Competition is extremely high. Careers advice is provided and our staff are well informed about destination choices.

Applications are made directly to the university. You cannot apply for the Art and Design Foundation through UCAS. The deadline for applications is 31 January with portfolio reviews taking place at the end of February.

www.brookes.ac.uk/undergraduate/art_found

TYPICAL OFFERS

- 3 A-levels: achieved or pending, one being an Art or Design related subject (we will consider applicants with fewer A-levels if they have a strong portfolio). A typical offer is BB in any two A-levels.
- International Baccalaureate: 27 points.
- National Diploma: MMM.
- International qualifications, equivalent to the above, plus an IELTS minimum score of 5.5.
- Advanced Diploma: contact the course administrator for details.
- Mature applicants will be considered on an individual basis.
AN INTERVIEW WITH
ELIZA WALTER
Studying Art and Design Foundation

Brookes has been a wonderful, nurturing environment where a variety of people, many of different ages, have come together and developed their understanding and experiences using each other almost as bouncing boards. The foundation course in a wonderful springing board for ideas, and it has certainly helped me to focus and relax my thinking for my personal future.

One of the unique aspects of Brookes is its location. My arty friends and I are able to make all the major exhibitions and events of interest happening in London yet we can also embrace the opportunities offered by Oxford as a city; with regular visits to Modern Art Oxford, who put on fantastic talks as well as the Pitt Rivers, Ashmolean and the Oxford Play House.

I feel one of the best experiences of this year for me was the study trip to Antwerp in January. During the study trip we met our tutor every evening to discuss the contributions we made during the day. I really feel I learnt how to construct a travel journal, and what to search for whilst there.

This year at Brookes has allowed me independence to find who I am, it has pushed me to become a forward thinking artist, shown me how to appreciate/learn from my peers and given me a lot of insight. This year has been unmatchable and anyone who feels hesitant can take my genuine recommendations.

In October of this year I shall start a three year degree in History of Art at Bristol University, but hope to perhaps complete a practice based MA in the future.

For more student profiles visit:
www.arts.brookes.ac.uk/feedback/
There are currently over 3,500 Art and Design degree courses in the UK and knowing which one might be right for you can be difficult.

To gain entry onto a degree, it is normal practice to complete an Art and Design Foundation in order to gain experience in all aspects of Art and Design. The tutors on a foundation course are experienced and well informed, to help make your degree course decision the right one for you.

However, an Art and Design Foundation adds an extra year of study to a three year degree. What happens if you want to take a gap year or find some work experience in a particular field before you start? The Intensive Foundation Portfolio (IFP) is the answer. At only 12 weeks long, the IFP can be completed over the summer months if you wish, while still offering the necessary grounding across a diversity of art and design fields.

The IFP is designed for people who want to expand their portfolio by completing a series of projects in different disciplines and then move on to focus on one particular discipline. On the IFP, you will choose your specialism and build an exceptional portfolio in preparation for university interviews or employment.

With a ratio of one tutor to 12 students, the IFP course cohort is much smaller than your average foundation course. Weekly one-to-one meetings with your tutor are provided. Benefits of this individualised approach include greater levels of input and support and a greater focus on individual needs.

**Stage 1** of the IFP involves rotation through each of the stipulated disciplines to help you decide what area to focus on. The IFP offers the opportunity to work in a variety of media, which is excellent when building a portfolio. You will work alongside other students as well as undertaking independent study. Stipulated disciplines covered by the IFP are:
- Visual Communication (graphic design, illustration etc)
- 3D Design
- Fashion/Textiles
- Fine Art

IFP students are given an opportunity to make full use of the technical facilities available, which include the printmaking studio, bookbinding studio, digital print area, black and white photography suite, photography studio, digital editing suite and materials and processes studio (which includes woodworking, welding, vacuum forming, casting, glass making and ceramics).

During **Stage 2**, you will focus on your chosen subject area and start undertaking one day’s drawing per week. The portfolio will be your primary focus and you will be encouraged to work outside of lecturing hours to maintain the high standards expected. You will also discuss requirements for your career choices after the end of course, which may include university, placements or specialised employment.

During **Stage 3**, you will focus on a small number of larger projects in your chosen subject area. Help will be provided with any career advancement that you want to undertake. This includes support with UCAS applications, work experience applications and assistance with CV writing and cover letters. References will be written for you by staff. You will organise a small exhibition of work for the end of the course, as well as putting together and presenting your portfolio, which will be carefully tailored to its purpose and audience.

The purpose of the IFP is to develop the skills and ideas that will enable you to continue working independently. You will leave with a bank of projects to further explore within your chosen field. After you finish, continued support will be available from your tutor for the remainder of the academic year via email, phone or Skype.
Entry onto the course

IFP courses run for 3 months from September, January and June. Applications deadlines are three weeks prior to the start of each course.

Entry onto the course is by portfolio viewing. Portfolio viewings can either be done in person, by bringing examples of your work to Brookes, or electronically by sending us a CD or giving us a link to a website that features examples of your work. Ideally, we would like to see a range of techniques and styles represented, as well as some examples of observational drawing skills. Before acceptance onto the IFP, we will also hold an informal interview with you about your interests and what you hope to get out of the course.

FOR MORE INFORMATION:
e: short-arts-courses@brookes.ac.uk
t: 01865 484848
www.brookes.ac.uk/arts/foundation
FINE ART BA/BSc (HONS) SINGLE OR COMBINED

Fine Art at Oxford Brookes enables students to develop and produce challenging contemporary artworks that emphasise personal reflection, audience and context.

As a Fine Art student at Brookes you can expect to be exposed to a range of studio practices and media workshops that will enable you to link traditional skills and approaches with alternative media. Our students develop as imaginative, critical and informed fine art practitioners. As a student you will benefit from excellent and well-equipped facilities, 24-hour access to your own studio spaces and the help and support of our team of practising artists and the other Fine Art specialists.

Course content

We provide opportunities to acquire creative and analytical skills to research and develop a body of practical and written work through a structured programme. The course will engage you in creative strategies for the production of contemporary artwork, equip you with basic and specialist technical skills, and encourage dialogue on a variety of issues within art and culture. You will be able to develop your ideas and working methodologies in traditional media areas such as painting, drawing, printmaking and sculpture, as well as in lens-based media, sonic art, artists’ books, live/time-based art, installation, site-specific work, and interdisciplinary practices.

Year 1

You will be introduced to a range of technical skills, theoretical perspectives and creative strategies for generating and developing experimental contemporary artwork in a range of media.

Year 2

The second year of the course supports and develops your individual working methodologies. You will be engaged with your own work through a core spine of Fine Art Practice modules and Media Pathway options in which you will be able to additionally develop your technical skills to an advanced level. You will also further engage with critical debates in contemporary art through theory modules, and will learn about career prospects through the Professional Practice module.

Year 3

In your final year you will research and develop a body of independent visual work, which will culminate in the end-of-year degree show. In addition you will write an extended Critical Essay on a topic of your choosing. Outside formal teaching sessions, which include individual and group tutorials, lectures and seminars, you will continue to work independently in your own base studio.

YEAR 2 AND 3 MODULES

- Fine Art Practice IIIA: Developing Studio/New Media Practice
- Fine Art Practice IIIB: Alternative Media Practices
- Fine Art Advanced Media Pathway
- Fine Art Theory III: Critical Issues in Contemporary Art
- Fine Art Theory IV: Critical Essay
- Professional Practice for Artists
- Placement in the Creative and Cultural Industries
- Independent Study in Fine Art
- Fine Art Practice IV: Research and Development
- Fine Art Practice V: Major Project
- Fine Art Evaluation
- Interdisciplinary Dissertation/Project

YEAR 1 MODULES

The list below is indicative of the range of modules which are available. If you would like more information, please view our full module list online.

- Introductory Technical Skills for Artists
- Fine Art Practice I: Media and Context
- Fine Art Practice II: Studio/New Media Practice
- Fine Art Theory I: Modernism and Avant-Gardes
- Fine Art Theory II: Postmodernisms

www.brookes.ac.uk/undergraduate/fine_art
Course combinations

- Film Studies (see page 18 of this brochure)
- French Studies
- History of Art
- Music (see page 21 of this brochure)
- Publishing Media
- Spanish

After you graduate

Our supportive and intellectually challenging environment will enable you to develop into a confident, reflective and self-motivated graduate. On completion of this course of study you will have become a skilled and practical maker, exhibiting high levels of professionalism, able to articulate your views and ideas and to communicate clearly about your work and the work of others.

The professional strand of the course will enable you to maximise these skills for employment, postgraduate education or self-employment and will provide you with opportunities to engage with a range of arts-related professionals. Many of our graduates continue to work as artists, generating their own projects as well as working for others through commission or on community-based projects. Others go on to careers as teachers, arts administrators, art therapists and arts journalists, or continue their studies at postgraduate level.

TYPICAL OFFERS

- A-level: BBC or equivalent
- IB Diploma: 31 points
- Advanced Diploma: grade C, including A-level Art or arts-based subject at grade B
- A-levels should include minimum grade B in Art
- Other typical offers: BB at A-level (including grade C in Art) and CC at AS-level
- C at 12-unit vocational A-level and B at A-level Art.

SPECIFIC ENTRY REQUIREMENTS

- A-level: normally a grade B in Art
- Art and Design Foundation is normally required. If you have not taken a Art and Design Foundation course (or equivalent) and are applying direct from A-levels, we would expect A-level Art grade B.
- Presentation of a portfolio of recent work of an appropriate standard.
- Applications are welcomed from candidates with alternative qualifications, and from mature students.
AN INTERVIEW WITH ALEX HACKETT

Studied Fine Art, BA (Hons)

I chose Brookes because of the friendly atmosphere around campus, especially amongst staff and students at the School of Arts. The Fine Art course is a great introduction to the possibilities of art in the broadest sense, and tutors offer great freedom and encouragement in pursuing your creative ideas.

The best bits about studying at Brookes are living in such a cultured, historical and interesting city, and the opportunity to spend three years developing a personal art practice in such a supportive environment.

Receiving financial support from Brookes allows me to spend money on extra study materials and producing art pieces. I also took the opportunity to visit Lisbon on the field trip in my first year with the bursary I received.

University is much more than just the course you choose, and requires commitment to study in the widest sense. Every opportunity you take (and make) outside of your course also contributes towards your education.

When I finish my course, I would like to continue my practice based in socially-engaged art, but perhaps most importantly, I plan to approach future opportunities with the same creative approach I have been surrounded by at Brookes.

For more student profiles visit:
www.arts.brookes.ac.uk/feedback
PORTFOLIO GUIDANCE

In Fine Art at Oxford Brookes University we only consider students who have a portfolio of art work. The portfolio provides you with an invaluable opportunity to put yourself across as a creative individual. It is important that your portfolio contains a diverse range of work and processes (finished and in progress), so that we can gauge your experiences and abilities to date. We are eager to find out as much as possible about you, your interests and your creative work. Remember, this is a competitive process and we ask that your portfolio is well organised and presented, and that your work is clearly labelled.

The portfolio can contain the following types of work:

- Free-hand/observational drawing
- Sketchbooks and workbooks (both project based and those containing sketches from trips abroad/contextual studies etc)
- Life drawing (pencil, charcoal etc)
- Collages/Montages/Mixed Media
- Maquettes and models
- Evidence of experimentation
- Photography
- Video/film
- Website design
- Photographic documentation of large works including: paintings, sculptures, installations, time based media, and work that is not available (having been submitted for A-level examinations etc)

Presenting your work

We would expect to see at least 15–20 pieces of work as a minimum. Feel free to choose this work. We are interested in what excites you as an emerging artist. We suggest that you include your most recent work (this will vary, depending on whether you are applying from a foundation course or direct from A-levels). The portfolio should be clear and organised.

We do not expect you to have experience of every art process, nor do we need to see everything you have done. Everyone is different. However, we are keen to find out more about you and the artists you are interested in. What exhibitions have you visited recently? Whose work inspires your own?

We understand that some of your work may either have been submitted for A-level examinations or be too large for you to bring, in which case we ask for clear and focused photographs.
The Oxford International Centre for Publishing Studies

**PUBLISHING MEDIA BA/BSc (HONS) SINGLE OR COMBINED**

The Publishing department is based at The Oxford International Centre for Publishing Studies, one of the largest and most innovative centres for publishing education in the world.

Oxford Brookes has the longest record of degree-level publishing education in the UK and it is a lively and exciting department, which hosts a range of special events and welcomes many visitors including speakers from book and magazine publishing. Our staff all have considerable experience of the publishing industry, working in trade, educational publishing, academic publishing and many have considerable experience in research. Our students come from all over the globe to enjoy excellent, proven teaching and learning.

Publishing is one of today’s leading creative industries. Studying the subject in all its forms provides a challenging and intellectually exciting combination of the academic, practical and vocational. At Oxford Brookes you can take a degree in book, magazine and digital publishing. All our students have the opportunity for work experience during the course.

**Course content**

At Oxford Brookes, you can choose to study Publishing Media as either a single honours or combined honours degree. Both courses are designed to introduce you to the essentials of publishing and to encourage you to pursue your own interests through independent study. Part-time study options are available.

Year 1 provides an overview of the whole publishing process, introduces the key concepts and locates publishing in today’s culture.

Years 2 and 3 look at publishing as a business. You will pursue various specialist pathways, such as editorial, production and design, marketing, and management. There are modules which explore the changing role of publishing in society, and others which focus on IT skills, digital publishing and magazine publishing. You will work on an extensive, research-based project which you will complete in your final year. Combined honours students will be able to choose a project which spans both their fields of study.

www.brookes.ac.uk/publishing2013
FINE ART, FILM, MUSIC AND PUBLISHING

STUDY MODULES

As courses are reviewed regularly the module list you choose from may vary from that shown here. Combined honours students will take fewer modules from this list.

- Publishing Principles and Practice I and II
- Creating and Editing Text for Publication
- Introduction to Publishing Technology
- Introduction to Magazine Publishing
- Publishing and Book History
- The Editor
- Publishing Sales and Marketing
- Publishing Business
- Magazine Publishing
- Publishing in the Digital Age
- Publishing Media Workflow
- Cultures of Publishing
- Print and Society
- Digital Product
- Publishing List Development
- Dissertation or Major Project

Course combinations

This course can be combined with one of the following subjects:

- Business Management
- Communication, Media and Culture
- Drama
- English
- English Language and Communication
- Film Studies
- Fine Art
- French Studies
- History
- History of Art
- Japanese Studies
- Languages: Spanish (minor)
- Music

TYPICAL OFFERS

- A-level: grades BBB or equivalent
- IB Diploma: 31 points
- Advanced Diploma: grade B, including A-level at grade B
- Other typical offers include:
  - BC at A-level and CC at AS-level
  - C at 12-unit vocational A-level and B at A-level
  - BTEC National Diploma: DDM

For combined honours, normally the offer will lie between the offers quoted for each subject.

You will also need GCSE Mathematics and English Language at grade C or above.

After you graduate

The publishing courses at Oxford Brookes have an outstanding national reputation, and are highly regarded by employers in the publishing industry. Our graduates can be found in all departments of book, journal, magazine and digital publishing. Some graduates have developed their careers in PR, advertising, charities, the arts and other organisations that are involved in publishing and communications activities. Others have applied their knowledge and skills to industries less obviously related to publishing. An understanding of good communication and the importance of the printed word is valued by employers throughout the public and private sectors.
AN INTERVIEW WITH JADE LOUCH

Studying Publishing Media (BA) Hons

A lot of the course is based on real hard evidence. You have to do a lot of research into the industry, and it prepares you for the real thing. In class, we learned about finance, and I wondered if I was ever going to use it. Then a few months later, in my work placement at Taylor & Francis, the first thing they asked was ‘Can you price up this book?’ You then realise that everything you have learned on the course is going to be useful.

It’s also really up-to-date. They change the coursework year to year, based on what’s recently happened – for example, we had a question on the closure of Borders about a month after it happened.

“You have to do a lot of industry research, which prepares you for the real thing.”

For more student profiles visit: www.publishing.brookes.ac.uk/feedback
Our publishing department has unrivalled links with the international publishing industry, and the quality of the programme means that a Brookes publishing degree is a valuable brand known throughout this exciting media sector.

During the course you can link into this wider publishing world in many ways:

- Visit the department’s own vacancy list of jobs in publishing
- All Brookes Publishing students have the opportunity for work experience during their course, typically in a range of market sectors. Employers offering work placements include Cambridge University Press, Elsevier, Harper Collins, Macmillan, Oxfam and Oxford University Press. There are also opportunities for work placements in other countries.
- There are opportunities for international work placements and to study abroad on exchange.
- Link in to our network of alumni, who are working in publishing jobs all over the world.
- Specialist careers advice, including our Working in Publishing day, when you can meet a variety of industry professionals.
- Visit trade events in the UK and beyond.
- Learn from visiting speakers from all sectors of publishing.
- Benefit from the support and monitoring activities of the department’s long-standing industry advisory board and its strong relevance to all areas of the publishing course.

Of course, you don’t have to use your publishing degree to get a publishing job – for example, you may want to work in other media or go on to postgraduate study. But either way, Brookes publishing media graduates have an excellent employment record both in publishing and wider media industries.
Our innovative Film Studies course combines the academic rigour of a traditional film studies course with practical and professionally orientated components, thus enabling you to develop a profile that will stand you in good stead for a variety of careers in the media industry.

Our courses are taught by a strong team of film specialists with different national and cultural backgrounds, whose diverse research expertise is reflected in the breadth and scope of the curriculum.

Through opportunities to engage with the creative practice of filmmaking, you will develop technical and creative thinking skills and engage in processes of reflection and evaluation. Through guided film screenings you will develop analytical skills and skills of interpretation and listening. Through film industry modules you will have the opportunity to explore the structure and framework of the business of film.

Course content

Our film studies course offers a combination of academic, practical and professional components such as technical studies for film-makers, digital video production, documentary film-making, scriptwriting and work placements in the industry. If you take practical modules you will have access to professional-quality resources and facilities including camera, lighting and sound equipment, an excellent film and photography studio and recently refurbished digital editing suites. Practical and professional modules benefit from the contribution of professionals from the industry and will prepare you for a broad spectrum of careers in the film and media industry.

This course provides you with many opportunities to get inside knowledge of the film industry and to establish useful links. A key feature of the course is a work placement option which gives you the opportunity to obtain credits for work experience in a relevant sector of the media industry, such as journalism, media production, working in a film museum or assisting with the organisation and marketing of a film festival. We also organise a regular programme of high-profile guest lectures from well-known film producers, directors and other media professionals. Our industrial advisory board members enhance teaching and contribute to our high level of graduate employability.

Year 1

You are introduced to key issues in film studies. This develops your visual literacy and equips you with relevant tools and critical concepts of film analysis. You will learn about the history, finance and organisation of the film industry. A range of practical, technical and contextual modules are offered to introduce you to making and thinking about film from a variety of starting points and perspectives.

Years 2 and 3

Modules reflect the interdisciplinary approach of the course which is designed to develop your critical and practical competencies. You can choose from a range of modules exploring film in its sociocultural, historical and theoretical contexts in combination with modules that are more practically or professionally orientated. Alternatively, you may prefer to select modules with a more practical or professional orientation such as ‘Film Festivals and Exhibitions’ or ‘British Cinema: Industry and Text’.

The scriptwriting modules, Introduction to Scriptwriting and Scriptwriting: Advanced Level, introduce you to the principles of story design, which you can put into practice under the tutelage of a professional scriptwriter. Film Production and Film Project enable you to engage with the creative, practical and collaborative processes of film-making production. In addition, students can experience a range of roles and responsibilities from creating a business plan, to pitching a script, to shooting a short film through Oxford Brookes Film Productions.

Course entry

All applicants who meet the entry requirement will be invited to submit one of the following:

1. A film review: a 1000 word review on a film you are interested in, clearly stating which publication it is aimed at (newspaper, magazine, online, etc.)
2. An essay: a 1000 word researched essay on any film topic you are passionate about with at least 3 bibliographical references
3. A two page story outline for a narrative film
4. A business report: A 1000 word report on a film industry topic (a report on a production/distribution company; on a film festival; etc.)
5. A three minute video.

Please make sure you attach your submission to your email (in case of film, email us the YouTube link).
YEAR 1 MODULES
The list below is indicative of the range of modules which are available. If you would like more information, please view our full module list online.
- Key Issues in Film Studies and Film History
- The Film Industry
- Film Form and Technical Skills
- Introduction to Screenwriting
- Popular Cinema
- Film and Popular Music – Listening Skills

YEAR 2 AND 3 MODULES
- Screenwriting: Advanced Level
- Film Production Management and Practice
- Film Project
- Film Theory: Critical Approaches to Film
- Dissertation in Film Studies
- Film Styles: Classicism, Art Cinema and Beyond
- British Cinema: Industry and Text
- Contemporary Japanese Cinema
- Issues in World Cinema
- Film and Media Journalism
- Stars and Audiences
- Screening Realism
- Independent Study in Film
- Film Festivals and Exhibition

TYPICAL OFFERS
- BBC at A-level.
- International Baccalaureate 30 points.
- Advanced Diploma at grade B, including A-level at grade C.
- AS-levels will be recognised in place of a maximum of 1 A-level; may include 12-unit vocational A-level.
- Other A-level equivalent qualifications will be considered.
- For combined honours, normally the offer will lie between the offer quoted for each subject.

Course combinations
- Business Management
- Communication, Media and Culture
- Drama
- English
- English Language and Communication
- French Studies
- History
- History of Art
- Japanese Studies
- Music (see page 21 of this brochure)
- Philosophy
- Publishing Media
- Spanish

After you graduate
On completion of the course of study you will have developed excellent team work, communication and organisational skills. Our graduates secure employment in all areas of publishing, journalism, public relations, advertising and film and work with leading production companies, TV channels including the BBC as well as international organisations.
AN INTERVIEW WITH LUKE OSBOND

I realised midway through my Computer Animation course that what I enjoyed the most about it were the elements that focused on constructing a visual narrative (ie storyboarding, cinematography, screenwriting) and left to pursue film.

At first I was unsure about what aspect of film I wanted to pursue. So I tried screenwriting, concept art, storyboarding, writing articles and reviews and finally making my own short films. So I thought it best to do a degree that allowed me the freedom to savour the different aspects that fall under film. I also chose Oxford Brookes principally for the great location, close to London but not within it. In being a modern university, Brookes has an incredible energetic vibe, particularly in the constant desire to improve student experience.

The financial support I received allowed me to continue with the course and it also provided me the freedom to extend my reach into the film world with small expenses here and there that I otherwise could not have afforded: my trip to Cannes, a more respectable budget for my short films and projects (more than, say, nothing), attending seminars around Oxford and expos around London endeavouring to build my contact base.

I have started a production company with two other students, capital for which we have slowly accrued through profits from projects and investors, and the rest from loans. Of course, for the first few years after I graduate, I’ll have to get a standard desk job to pay the bills and repayments.

For more student profiles visit: www.arts.brookes.ac.uk/feedback/
AN INTERVIEW WITH LUKE MACKAY

Studies Music, BA (Hons)

I chose Brookes as a place to study because the course offered a vast range of subjects within the field of music. I have met a large group of like-minded individuals, whom I am proud to call my friends. I have found them all particularly encouraging academically and creatively. Lecturers show an interest in my development as a music student.

The financial support I have received has enabled me to have music lessons to maintain and improve my standard of vocal performance, preparing me for my final year, when I intend to study the professional practice module.

After I have completed the course, I hope to continue performance beyond university, either as a classical singer or as a singer-songwriter. If not, I would like to compose professionally.

The best bits of studying at Brookes are getting the opportunity to play and perform at the university and around Oxford as a solo performer, in bands, and in a range of musical societies, specifically the Jazz Society and Fortune Players.

Enjoy every moment of university life. You only get one chance to be an undergraduate, so although studies are important, have fun and be creative.
Oxford has been a centre of musical activity and learning for the past 700 years and is a stimulating location in which to study. At Oxford Brookes, Music can be studied as either a single honours or combined honours degree.

We offer a critical and creative view of the study of music, and the course is structured to provide considerable choice and flexibility so that you can construct an individual and coherent programme of work to suit your interests.

The Music degree aims to provide a broadly based grounding and diverse pathways in the subject, covering the music of both the past and the present, both ‘classical’ and ‘popular’, both critically and creatively, both through live performance and mediated through music technology, in such a way as to prepare its graduates for a life where music can be both a means of employment and a lifelong source of pleasure and intellectual challenge.

Course content
In a recent evaluation of our course, this is what our external examiner reported:

‘The course remains at or above par nationally in virtually all respects, including assessment, grading criteria and standards, learning outcomes, student feedback, breadth and depth of study, appropriateness of curriculum and its treatment. I have been particularly impressed with the quality and originality of dissertation work, with the innovative and imaginative nature of many of the assignments, including group work, across the course, with the level and helpfulness of feedback, and above all with the intellectual range of the course, from the critical distance of traditional history to practical as well as theoretical engagement with contemporary culture. I can think of few if any other music departments in Britain or abroad able to match this responsible and expert breadth of provision.’

Year 1
The first year of the Oxford Brookes Music degree sets out to mediate between students’ very different experiences of music before coming to university and what will follow in years two and three of the course. Seminars, lectures, interactive workshops and tutorials allow us to communicate our subjects with enthusiasm and help you to improve and extend your skills and understanding.

Seminars provide a forum for collective discussion on topics introduced in previous sessions and are important because they help you to clarify your ideas and enable you to gain confidence in oral communication.

Workshops are used in creative modules involving composition or performance. Tutorials fulfill a number of purposes with some modules operating entirely through individual tutorials. If you decide to take the University Music Performance module in year one, you will have the choice of performing a recital, learning to conduct or working on a project in concert management. You will be assigned an instrumental or vocal teacher in semester one to develop your skills in your principal study.

The department puts on two concerts of choral and orchestral music a year, giving new students the chance to meet and perform with each other, as well as with second- and third-year students. We also put on a ‘Big Night Out’ and ‘Music Live @ Morals’ in both semesters, at which new bands as well as established ones can display their talent. There is at least one live performance a week for students to participate in or listen to. In 2010/11 the department staged 49 performances in 24 weeks!
Years 2 and 3

In the second and third years of the course students can really design an individual programme which suits them and plays to their strengths.

Composition is at the heart of musical study – the creation of new sound-worlds; the combination of conventional and experimental sound sources; the expansion of timbral possibilities; the search for new forms. Composition at Oxford Brookes provides students with a chance to experiment, to explore sound-making and to re-examine the experience of the listener.

Musicology – the in-depth engagement with music and its historical and cultural context – is the part of the study of music that tends to culminate in forms of written work about music, rather than its invention or performance. This is often the formal essay but includes many other forms of writing: concert reviews, summaries of arguments in books and articles, spoken presentations, the large-scale dissertation. It is in the area of musicology that students experience two of the biggest leaps from their previous studies to what is offered at Oxford Brookes.

YEARS 2 AND 3 MODULE LIST

- Composition
- Electroacoustic Composition and Sonic Art
- History, Music and Ideas
- Contemporary Musical Culture
- Ensemble Performance
- Music Theatre Practice
- Opera and Politics
- eMusic
- Words and Music
- Independent Study
- Music Analysis: Case Studies, Concepts, Critique (honours module)
- Special Study in Musicology (honours module)
- Professional Practice (honours module)
- Music Dissertation or composition portfolio (honours module)

After you graduate

Our Professional Practice module, which runs throughout the final year of the course, enables students to consider their learning on the degree course in relation to a career in a related profession. This includes professional development or further study at postgraduate level (in musicology, composition or performance), concert and artist management, education and therapy, and aspects of the music or recording industry.

A music degree develops general skills appropriate for careers where a lively, questioning and organised mind is required. Our graduates have taken up positions in many different professions including education (primary or secondary), arts administration and management, the media industry (recording, publishing, journalism) or business and civil service.

TYPICAL OFFERS

- BCC at A-level (including grade C in Music).

See website for other possibilities.

SPECIFIC ENTRY REQUIREMENTS

- Applicants will normally be required to attend an interview.
CONTACT INFORMATION

Undergraduate applications
For advice about undergraduate applications contact:
query@brookes.ac.uk
+44 (0) 1865 484848

International applications
For more information about applying as an International Student please visit:
www.brookes.ac.uk/international

School of Arts
Oxford Brookes University
Richard Hamilton Building
Headington Campus
Headington Hill
Oxford OX3 0BP

More information
For more information about the School visit:
www.arts.brookes.ac.uk

Follow us on twitter
@OBUarts

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www.youtube.com/oxfordbrookes

Friend us on Facebook
www.facebook.com/brookes.arts

Other publications
Arts Short Courses – A concise programme of courses to develop your creative skills in Art, Design and Craft, Art and Design Development and Portfolio Preparation.

Fine Art, Film Studies, Music and Publishing postgraduate degrees from the School of Arts – a brochure detailing postgraduate programmes available from Oxford Brookes University School of Arts.

Various publications from Swindon College School of Art including MA / PGDip Archaeological Illustration; BA (Hons) Fine Art: Drawing for Fine Art Practice; BA (Hons) Illustration: Narrative & Sequential; HND Fashion and Textiles (Enterprise), Photography and Interactive Media.
Computing & Communication Technologies

Undergraduate courses from the Department of Computing & Communication Technologies
The Department of Computing and Communication Technologies at Oxford Brookes University blends excellence in teaching and knowledge transfer with world-leading research in areas that span Computer Science, Media Technology and Communications.

Our distinctive portfolio of undergraduate and postgraduate courses addresses a range of fast-moving subjects at the cutting edge of technology. Students are given the opportunity to encounter a rich and diverse set of state-of-the-art technologies and develop a wide range of cognitive, practical, analytical, creative and professional skills. The subjects that can be studied here cross a spectrum that is hard-core science at one end, and application or product focused at the other. We work hard to ensure that our courses are attractive to students, relevant to industry and academically sound.

The department has an excellent reputation for research within the UK and worldwide. In the last Research Assessment Exercise 75% of our research was internationally recognised with 8% being world leading. The prize-winning research activities in the department cover a range of subjects including computer vision, software engineering and web technologies. Research staff are highly engaged in the international research community, including a number who are editors of prestigious journals and chairs of world-leading conferences. One of our Professors is holder of the highly acclaimed Royal Society Wolfson Research Merit Award.

The department has also established strong links with industry which enrich all our teaching and research activities. We have recently won Best Knowledge Transfer Partnerships (KTP) of the year for a project in which we partnered with a local company to develop pioneering work in computer vision. The world-class research, excellent teaching, access to state-of-the-art technology and the close links with industry make the Department of Computing and Communication Technologies one of the best places in the UK to study or to pursue an academic career.

Nigel Crook
Head of Computing and Communication Technologies

Dr Nigel Crook, Department Head
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If you want to study IT and computing, but you don’t have the right qualifications to enter a university degree course, then the Foundation Course in Computing might be just what you need. The one-year Computing Foundation course is a broad course designed to improve your general skills in computing, mathematics and information technology. If you complete the course successfully, you can then progress onto a BSc degree course.

The Foundation Course in Computing covers core subjects in IT and computing principles, and helps to develop your mathematical skills and presentation skills. The level of the material is of A-level standard and provides opportunities for you to improve your technological knowledge before entering industry, as well as preparing you for a university degree course in a broad range of subjects such as media technology and software design.

There is plenty of practical work too; the course uses laboratory and practical sessions to provide hands-on experience with the latest software. Surgery sessions are held in mathematics to help you to bridge any gaps in your mathematical skills.

**Typical Offers**
- A-level: DD or equivalent
- IB Diploma: 24 points
- Advanced Diploma: grade D
- BTEC National Diploma with 3 passes.

Mature students with relevant experience, including a substantial period of suitable employment, are welcome to apply.

**Specific Entry Requirements**
- GCSE: Mathematics and English Language grade C minimum.

You should be aged at least 18 and hold recognised qualifications to A-level standard, but with grades insufficient for entry to a degree-level course.
TECHNOLOGY FOUNDATION

If you want to study a technological subject, but you don’t have the right qualifications to enter a university degree course, then the Foundation Course in Technology might be just what you need. The one-year Technology Foundation course is a broad course designed to improve your general skills in science, computing, mathematics and technology. If you complete the course successfully, you can then progress onto a BSc degree course.

The course covers core subjects in electronic and mechanical engineering principles, and helps to develop your mathematical skills. In addition, modules are available in media technology and computing. The level of the material is of A-level standard and provides opportunities for you to improve your technological knowledge before entering industry, as well as preparing students for higher degrees in a broad range of subjects such as media technology and software design.

There is plenty of practical work too; the course uses laboratory and practical sessions to provide real hands-on experience. Surgery sessions are held in mathematics to help you to bridge any gaps in your mathematical skills.

**TYPICAL OFFERS**
- A-level: DD or equivalent
- IB Diploma: 24 points
- Advanced Diploma: grade D
- BTEC National Diploma with 3 passes.

Mature students with relevant experience, including a substantial period of suitable employment, are welcome to apply.

**SPECIFIC ENTRY REQUIREMENTS**
- GCSE: Mathematics and English Language grade C minimum.

You should be aged at least 18 and hold recognised qualifications to A-level standard, but with grades insufficient for entry to a degree-level course.

www.brookes.ac.uk/undergraduate/courses/tech_found
INFORMATION TECHNOLOGY MANAGEMENT FOR BUSINESS BSc (HONS)

This programme has been developed as a direct response to the needs of international companies for a graduate workforce capable of managing the Information Technology function within industry and commerce. BT, Computer Associates, Ford, Fujitsu, Hewlett Packard, IBM, Lehman Brothers, Morgan Stanley, Norwich Union and Unilever have collaborated to produce a programme which specifically addresses their increasing demand for graduate employees with key knowledge and skills in business and technology.

The programme has been designed to include explicit and measurable objectives in terms of your employability, providing you with invaluable experience in personal, interpersonal and project working.

We welcome applications from mature candidates who lack formal academic qualifications, provided they can demonstrate aptitude and enthusiasm for the subject.

Course content
Teaching takes place in modern buildings with networks of Windows/Linux workstations, 24-hour access to the PC networks and, through the internet, to computer networks worldwide. You will benefit from excellent access to educational and professional software, and from the experience of using the latest computing equipment.

Teaching methods include lectures, practical activities, problem-solving classes and tutorial support, often supplemented by material produced by the Faculty of Technology, Design and Environment and the Faculty of Business.

Year 1
Year 1 introduces computer systems, programming and information systems, and key elements of business, management accounting and organisational behaviour.

Year 2
In Year 2 you will study subjects identified as being vital for a successful career in IT management. These include programming, computer networks and database management, as well as studies in business, management and accounting. Throughout the course, professional working practices will be encouraged and supported through the involvement of the employers.

Year 3 (Optional industrial placement)
If you would like to do a work placement, you would spend your third year doing supervised work experience in commerce, industry or the public sector. More and more students are taking up this option, as they recognise the benefit of obtaining work experience, consolidating their understanding and being able to apply their knowledge in a work environment. It is possible to change your programme of study to include or exclude this option up to the end of the second year.

Year 4 / Final Year
On returning to university for your final year, the experience you have gained from the placement invariably improves your academic performance.

After you graduate
We have an excellent record of students gaining full-time employment on graduation, often with their industrial placement company or organisation.

TYPICAL OFFERS

- A-level: BBC or equivalent
- IB Diploma: 30 points, preferably including science and/or business
- Advanced Diploma: grade B, including A-level at grade C, preferably in science and/or business and excluding General Studies
- BTEC National Diploma with a DDM profile, preferably in a science or business subject
A-level subjects will preferably include science and/or business

SPECIFIC ENTRY REQUIREMENTS

- GCSE: grade B minimum in Mathematics and grade C minimum in English Language

www.brookes.ac.uk/undergraduate/courses/itmb
MOBILE COMPUTING BSc (HONS)

The latest developments in computing provide the ability to communicate anytime, anyplace and anywhere using mobile telecommunications. On this course you can explore this technology through a grounding in computing and communication networks and a focus on mobile and portable devices such as PDAs and mobile phones. This course teaches you the skills needed to program and configure mobile devices and networks. You will be able to develop new and exciting applications for existing and emerging mobile devices.

Course content

Mobile networks already form a major part of people’s lives and as the amount of people using them and the sophistication of the mobile devices increases there is a need for skilled people who can help with the development and maintenance of these technologies. This course is designed to give you a solid foundation in the skills needed to design, run and maintain modern mobile network systems. This will introduce you to the core skills of computer systems, networks, conventional programming and mobile programming. You’ll then have the opportunity to study more advanced topics such as wireless networks software development for mobile applications, mobile device technologies, security and operating systems. You will also have the opportunity to study related topics such as media, the web and embedded systems.

All this will take place inside in our modern Cisco-equipped laboratories which are packed with a large variety of industry standard equipment, technologies and software, and outside in the field where you will be able to work with the same tools and technologies used by mobile phone companies. You will also have the opportunity during the course to study for a variety of internationally recognised Cisco professional qualifications.

Year 1

Year 1 will lay the foundations for your professional development, introducing you to key elements of computer systems, programming and computer networks.

As you continue with the programme, you will study a prescribed set of subjects identified as being vital for a successful career in mobile computing. Throughout the programme, professional working practices will be encouraged and supported through the use of commercial networking systems.

Year 2

These subjects are built on in Year 2, which contains key modules on mobile communications technologies, programming for mobile devices, operating systems, and web design. Optional modules in telecommunications, computing, electronics and media are also available.

Year 3 (Optional industrial placement)

There is also the opportunity to take a year-long placement in industry. This experience teaches you practical skills and can lead to improved performance in your final year as well as giving you a competitive edge in the job market.

Year 4 / Final year

On returning to university for your final year, the experience you have gained from the placement invariably improves your academic performance. You will continue your study into various cutting-edge mobile technologies and mobile software development. You may also, if you wish, choose to study modules in related areas such as computer games or multimedia. In your final year you will carry out a project that takes the form of an extended study, leading to the solution of a realistic problem related to mobile computing.

After you graduate

The job market for mobile application developers has increased rapidly and many opportunities are available within the mobile and wireless industry for suitably qualified graduates.

www.brookes.ac.uk/undergraduate/courses/mobilecomp

AREAS OF STUDY INCLUDE:
- Java, C++ and J2ME programming
- Multimedia and web technology
- Mobile network planning and design
- Network security
TYPICAL OFFERS
- A-level: BBC or equivalent, preferably including a science subject
- IB Diploma: 30 points, preferably including science
- Advanced Diploma: grade B, including A-level grade C, preferably in a science subject and excluding General Studies
- BTEC National Diploma with a DDM profile, preferably in a science subject.

SPECIFIC ENTRY REQUIREMENTS
- GCSE: Mathematics at grade B minimum and English Language and a science subject at grade C minimum.
The emphasis of this course is on network software, systems and applications. The course includes the foundations of computing and the advanced study of computer network construction, administration and security. The course is designed to give you the key skills of computer programming for networks and the use of operating systems to provide network security and access, or denial of access, to applications and facilities.

**Course content**

Computer networks form an integral part of modern life. The computer networks course at Brookes is designed to teach you about this large and expanding area of people's lives. This course is designed to give you a solid foundation in the skills needed to design, run and maintain modern computer network systems. This will introduce you to key elements of computer systems, networks, programming and security.

You will have the opportunity to study advanced topics such as wireless networks, software development for mobile applications, network security, systems administration and operating systems. You will also have the opportunity to study related topics such as media, the web and embedded systems.

All this will take place in our modern Cisco-equipped laboratories which are packed with a large variety of industry standard equipment, technologies and software and offer some of the best computer network training facilities in the UK. You will also have the opportunity during the course to study for a variety of internationally recognised Cisco professional qualifications.

**Year 1**

Year 1 will lay the foundations for your professional development, introducing you to key elements of computer systems, programming and computer networks. As you continue with the programme, you will study a prescribed set of subjects identified as being vital for a successful career in network computing. Throughout the programme, professional working practices will be encouraged and supported through the use of commercial networking systems.

**Year 2**

These subjects are built on in Year 2, which contains key modules on network technologies, wide area networks, operating systems and security. Optional modules in telecommunications, computing, electronics and media are also available.

**Year 3 (Optional industrial placement)**

If you would like to do a work placement, you would spend your third year doing supervised work experience in commerce, industry or the public sector. More and more students are taking up this option, as they recognise the benefit of obtaining work experience, consolidating their understanding and being able to apply their knowledge in a work environment. It is possible to change your programme of study to include or exclude this option up to the end of the second year.

**Year 4**

On returning to university for your final year, the experience you have gained from the placement invariably improves your academic performance. You will study advanced topics such as network security and systems administration. In your final year you will carry out a project that takes the form of an extended study, leading to the solution of a realistic problem related to network computing.

**After you graduate**

We have an excellent record of students gaining full-time employment on graduation, often with their industrial placement year company or organisation.
Our Computer Science course provides a solid foundation in this rapidly developing area and offers you a chance to specialise in some of the most recent technological advances. Internationally recognised teaching staff will support and guide you towards becoming a competent professional with the talent to exploit your knowledge in an industry where there is a huge need for successful graduates.

Computers now pervade most areas of human activity and are subject to constant change and development. All organisations now depend on efficient computer systems and cannot operate without them. Demand for competent professionals is high and there are fulfilling career opportunities in many areas.

The Computer Science course at Brookes is designed to provide a solid foundation in Computer Science, and it also offers you a chance to specialise in a number of particular interests including: Intelligent Systems, Computer Game Development, Software Engineering, Computers in Media, Computer Networks, Computer Systems Design and Administration, and more.

Facilities, located in modern buildings with 24-hour access to computer networks worldwide, include state-of-the-art laboratories for electronics, software development, and media production such as a TV studio. You will benefit from excellent access to educational and professional software and from the experience of using the latest equipment.

Teaching methods include lectures, practical activities, problem-solving classes and tutorial support. Assessment methods are varied and reflect the development of academic content as the course progresses, from the practical emphasis of some of the early modules to the more conceptual content that you will encounter later in your programme. The modules covering core material are mostly assessed on a combination of coursework and examination.

Year 1
In your first year you are introduced to computer systems, programming virtual worlds and the development of computer systems.

Year 2
A mix of compulsory and elective modules enables you to develop your understanding and knowledge of computing in one or two of the established pathways of study, or if preferred, you can form your own individual programme from a wide range of specialist modules. Personal tutors will give you guidance in devising a suitable programme, which may include modules from other subject areas such as business, accounting, statistics and electronics, or a European language.

Year 3 / Work placement
For those who choose the optional work placement, their third year is spent in supervised work experience in commerce, industry or the public sector. More and more students are taking up this option, as they recognise the benefit of obtaining work experience, consolidating their understanding and being able to apply their knowledge in a work environment.

On returning to university for your final year, the experience you have gained invariably improves your academic performance. In addition, we have an excellent record of students gaining full-time employment on graduation, often with their industrial placement year company or organisation. It is possible to change your programme of study to include or exclude this option up to the end of the second year.

Year 4 / Final year
In your final year you may carry out a project that takes the form of an extended study leading to the solution of a realistic problem of your choice in computer science.

After you graduate
Career prospects in computing are excellent and expanding rapidly. Our computing graduates enjoy great success in finding employment in business, industry, research and education. Career opportunities include all aspects of software development, computer applications in organisations and managing information technology.

www.brookes.ac.uk/undergraduate/courses/computing

TYPICAL OFFERS
- A-level: BBC or equivalent, preferably including science subjects
- IB Diploma: 30 points, preferably including science
- Advanced Diploma: grade B including A-level grade C, preferably in a science subject and excluding General Studies
- BTEC National Diploma with a DDM profile, preferably in a science subject.

SPECIFIC ENTRY REQUIREMENTS
- GCSE: Mathematics at grade B minimum and English Language at grade C minimum.
Studying Computer Science BSc (Hons)

What is your course like?
Computer Science is really a very wide-ranging area. There are lots of different aspects of Computer Science that you can take within the field.

I’ve completed modules in programming, but my degree is tailored to include more theory now, for instance Theory of Computation and Graph Theory, I have also taken Discrete Mathematics, Operating Systems, Computer Networks and Network Security. One of the topics covered during the Network Security module was Digital Forensics and this is now forming part of my final year dissertation. As I said, it’s quite a wide-ranging degree; there are lots of different roads you can take within the Computer Science field.

What are the lectures like?
When you have a lecturer who understands his field, is extremely passionate and knowledgeable about his field, and really enjoys imparting that information across to you, as a student you are going to get more out of it.

Some of the material can be dry and that is through no fault of any lecturer. For instance, when you are learning about zeros and ones in a base computer system, it may not be that interesting. However if they portray it in an interesting way, whilst the details of how computer works might be dry, it is in fact quite fascinating to know what it is capable of doing, this makes it much more engaging.

Do you think the course is preparing you for the future?
I think that the application of what I am learning is obviously going to be vital.

For myself, I have made a decision that I would really like to do a PhD. I thought about doing so a year or more ago and I have probably tailored my module choices to the more theoretical base that I think may be useful in a PhD. But I still have many practical aspects included.

I think what university gives you, in studying the types of modules that I have chosen, is an understanding of how computers work. No person can know everything about a computer, there is just far too much to know. Whether it’s concerning network or operating systems, different application software or how computers are put together in terms of hardware and processes etc, I believe that the best thing you can come away with is an understanding of how you can tackle problems. You learn that you are able to find solutions and this aspect has been really noticeable to me throughout.

Undertaking my degree has given me these tools and many more. I feel positive that if I am unable to find a PhD, I will be able to find a role that utilises the skills and experience I’ve developed at Brookes. I do believe that Brookes has equipped me well for undertaking various jobs in the real world.

What advice would you give others thinking about coming to Brookes?
I would say come to the open days, there are many on offer and even if you can’t find a suitable date, contact the school that you are interested in.

Whether that is technology, business, built environment, etc, they will show you around.

It’s really important to have a goal and be prepared to make the investment in yourself when you attend university. What I mean by this is, whatever you put in, Brookes will give you back with interest. So, if you attend and put in a very minimum of effort, you will get still something out, but the more effort you put in, the bigger the payoff is going to be.

I would recommend Oxford Brookes without question. The ethos of the University is great, it is challenging but supportive. The lecturers are knowledgeable, the students are friendly, and I would whole-heartedly recommend Brookes to anyone who is thinking of applying.

I think Brookes is a great place to be, and I am really enjoying my degree so I don’t mind telling people that.
SOFTWARE ENGINEERING BSc (HONS)

Software Engineering deals with the transformation of information into more complex forms of meaning. It does this through its final products, software systems, which are programs and procedures implemented on a computer system. Software Engineering is a constructive approach to the development of software; it is independent of the application of the software product itself.

Software Engineering is a systematic and constructive approach to the development of software systems. Software engineering principles are just as essential in very small systems, such as a fire alarm, to very large and complex systems, such as an information management system for a national health service.

To succeed as a software engineer, you will need an understanding of engineering principles and their application, design skills, knowledge of good management practice, computing science and mathematical formalism. Software engineers are usually great programmers, so if you enjoy programming and want to design and program complex systems as a career, then maybe our course in Software Engineering is right for you.

Year 1
In Year 1 you are introduced to computer design, operating systems, programming and the development of computer systems.

Year 2
You will follow a structured pathway in Software Engineering, including the advanced study of topics such as data structures, systems analysis and design, database systems, safety critical systems, project management and object orientation. Personal tutors will give you guidance in devising a suitable programme, which may include modules from other subject areas such as business, accounting, statistics and electronics or a language.

Year 3 / Industrial placement
If you would like to do a work placement, you would spend your third year doing supervised work experience in commerce, industry or the public sector. More and more students are taking up this option, as they recognise the benefit of obtaining work experience, consolidating their understanding and being able to apply their knowledge in a work environment.

On returning to university for your final year, the experience you have gained from the placement invariably improves your academic performance. In addition, we have an excellent record of students gaining full-time employment on graduation, often with their industrial placement year company or organisation. It is possible to change your programme of study to include or exclude this option up to the end of the second year.

Year 4 / Final year
In your final year you may carry out an extended project in a topic of your choice selected from a suitable area of your course, which may be interdisciplinary in scope if you are a combined honours student.

After you graduate
Career prospects in computing are excellent and our graduates have been very successful in finding suitable employment in business, industry, research and education. Career opportunities include all aspects of software development, computer applications in organisations, and multimedia applications.

TYPICAL OFFERS
- A-level: BBC or equivalent, preferably including science subjects
- IB Diploma: 30 points, preferably including science
- Advanced Diploma: grade B including A-level grade C, preferably in a science subject and excluding General Studies

BTEC National Diploma with a DDM profile, preferably in a science subject.

SPECIFIC ENTRY REQUIREMENTS
- GCSE: Mathematics grade B minimum and English Language grade C minimum.

www.brookes.ac.uk/undergraduate/courses/software_eng
The production of computer games and computer-based animations is a varied and creative field. It includes game programming; development of support tools; virtual environment and level design; creation of 3D models, animations, animation scripts, and visual and sound effects; and high-level design of player or viewer experiences. To succeed in these areas, knowledge of programming and software engineering techniques, the mathematical geometry of 3D graphics, and hardware and software technologies are useful and necessary at all levels.

The Computer Games and Animation course at Brookes is designed to provide a solid grounding in general Computer Science skills and to develop the specialist skills and knowledge needed in the field of Computer Games. You will also have an opportunity to specialise in fields such as Artificial Intelligence, the Web, Machine Vision, and advanced programming. Game design jobs in industry are generally not available at entry level and require years of industry experience; thus, this course focuses on the more technical skills which will enable you to enter the industry and begin to work towards that goal.

Year 1
In Year 1 you are introduced to computer systems, programming virtual worlds, multimedia production and low-level programming.

Year 2
In subsequent years, you will study professional skills in software engineering (essential as games are usually produced by large teams), further programming skills, the creation of 3D graphics and how they are rendered in real-time by games. You will study the skills needed to manage a large software project, and learn to write a complete game using a professional game development system. In addition, you may choose from a number of elective modules covering Artificial Intelligence, further image processing and vision technologies, the Web, and hardware interfacing.

Year 3 / Optional placement
For those who choose the optional work placement, their third year is spent in supervised work experience in commerce, industry or the public sector. More and more students are taking up this option, as they recognise the benefit of obtaining work experience, consolidating their understanding and being able to apply their knowledge in a work environment.

Year 4 / Final year
In your final year you will also carry out an extended project of your own choice. The game, or games, that you produce during the course may be suitable for inclusion in a portfolio to be shown to recruiters within the industry.

After you graduate
The games field is highly competitive; our course is tailored to provide solid grounding in the technical skills which are most sought after by employers within the industry. Career opportunities include all aspects of game programming and development, graphics and art production for games and other media, and general software engineering. These skills also provide a solid grounding to gain the experience in development and the industry necessary to enter professional game design.

TYPICAL OFFERS
- A-level: BBC (grade B in A2 Mathematics) or equivalent
- IB Diploma: 30 points (including HL Mathematics grade 5)
- Advanced Diploma: grade B, including A2-level grade B in Mathematics
- BTEC National Diploma with a DDM profile (including distinction grade in Further Maths unit).

SPECIFIC ENTRY REQUIREMENTS
- A-level: Mathematics grade B minimum
- GCSE: English Language grade C minimum.
The media industries are now totally dependent on technology to capture, process, transmit, store and output the images, text and sounds that they communicate. Although the devices are often designed so that users are unaware of the technology, the equipment nonetheless has to be designed, serviced, repaired, installed and modified. Moreover, certain items of equipment require a high degree of technical competence to operate them effectively.

The BSc in Media Technology is a three-year course with an additional, optional work placement year. Taught in our purpose-built premises with up-to-the-minute facilities, the course will give you the knowledge and skills you need to work as a technician or engineer in this fascinating, exciting and growing field.

In addition we have invested in the latest state-of-the-art newsroom technology with Avid and have become a major partner in the Avid Academic Partnership Scheme.

Please note that this is not a media studies course. The course is professionally accredited by the Institution of Engineering and Technology (IET) and fully satisfies the educational requirements for the Incorporated Engineer (IEng) registration with the Engineering Council.

**Year 1**
Media Technology is based on electronics and computing (hardware, software and networks) so you will study these background topics during Year 1. In addition, you can study modules in the areas of video production, publishing and sound recording.

**Year 2**
In Year 2 you will further explore the technology behind modern media systems, computer hardware and software, and digital compression methods, but you will also learn about the creation of advanced video and audio products. In this last case, you will learn how to use music recording equipment, electronic publishing packages and image-processing systems creatively. Because we are a member of the Avid Academic Partnership you will use industry-standard tools, allowing you to produce high-quality results.

The Multimedia Applications Design module will introduce you to multimedia software and authoring tools and will enable you to create exciting and functional websites. You can also take optional modules from our Music and Publishing departments.

**Year 3**
In the final year you will work in groups to produce a multimedia product to the specification of external clients in the Professional Practice module, where you will learn presentation and negotiation skills, project planning, finance and management. During the final year you can take the TV News Production module, and learn to create industry-standard news programmes for our Brookes TV station. The Image Technology module covers human perception, colour spaces, latest hardware, digital broadcast and image compression techniques. You will also learn how professional studios are designed and operated. The use of sophisticated industry-standard motion capture equipment is our latest addition to this course.

The compulsory final year project allows you to use your knowledge and skills to tackle a real-life problem.

**After you graduate**
As a graduate in media technology you will be entering the fast-paced world of evolving technology and rapidly diversifying formats. This course will equip you for a career working with computer, broadcast, video and other equipment in the multimedia, film, animation, television, music, radio, printing and publishing industries. Working in these fields will enable you to contribute to the development of our future technologies. The opportunities in these areas are extensive and expanding rapidly.

www.brookes.ac.uk/undergraduate/courses/media_tech
TYPICAL OFFERS
- A-level: BBC (or equivalent), preferably including a science subject
- IB Diploma: 30 points, preferably including science
- Advanced Diploma: Engineering, Creative Media or Information Technology at grade B, including A-level Science at grade C
- BTEC National Diploma with a DDM profile, preferably in a science subject.

SPECIFIC ENTRY REQUIREMENTS
- GCSE: Mathematics grade B minimum and English Language grade C minimum.
MULTIMEDIA PRODUCTION BSc (HONS)
ACCREDITED BY THE IET (INSTITUTION OF ENGINEERING AND TECHNOLOGY)

This course covers all aspects of the multimedia field, from the creative and artistic to the technical and managerial. As a result you will be able to work at any level in the industry, as a designer, an engineer or a manager. It draws from the four areas of electronics, computing, digital media and publishing – all from a production-process angle. This approach is perfect for you if you want a career in the growing multimedia industry.

The course combines the theory behind production processes and direct hands-on experience at all stages of these processes. The theoretical element covers a diverse range of topics, including electronics, computer hardware and software systems, data manipulation, project planning and management, aesthetics, presentation and design.

The course is taught in our purpose-built premises which have impressive up-to-date facilities. The practical elements include gathering examples of the major media forms (video, audio, still images and text) and manipulating this material using industry-standard software packages. You will have the opportunity to become familiar with computer packages in the areas of 3D design, graphics and animation. You will also contribute to the organisation and operation of the Brookes TV station using industry-standard hardware and software.

Course content

You will study modules in video production and 3D graphics and animation, motion capture, plus others in computing, electronics, web design, publishing and project management. The video production modules (one in Year 1 and one in Year 2) take you from the birth of an idea and the planning and production of a programme right through the post-production stages to the realisation of a finished programme.

Year 1

In the Year 1 module you will make a five-to six-minute documentary on a subject of your choice. Recent students have covered such diverse topics as night clubs in Oxford, ghosts and student loans.

Year 2

In Year 2 you will use industry-standard tools to make either a music video or a high-tech advertisement. All the work is done with digital equipment and high-spec computers, allowing you to come up with high-quality results.

The Multimedia Applications Design module introduces you to multimedia software and authoring tools and enables you to create exciting and functional websites.

The graphics modules concentrate on computer-aided design, 3D graphics and animation. Using the computers here you will be able to create immaculate models of virtually anything you want – a super-hero, a flying Ford Anglia or a large hairy spider.

The results can be spectacular; you can even integrate 3D models into your advertisement or music video for the video production module mentioned above.

Year 3

In the final year Professional Practice module you will work in groups on a multimedia product to the specification of external clients, allowing you to learn presentation and negotiation skills, project planning, finance and management.

During the final year you can take the TV News Production module and learn how to create industry-standard news programmes for our Brookes TV station.

After you graduate

As a graduate in multimedia production you will be entering the fast-paced world of evolving technology and rapidly diversifying formats. You will have relevant skills and will be able to set to work straight away using the most up-to-date design and integration tools available. The world of multimedia production is rapidly expanding and the skills you learn at Oxford Brookes will equip you to make the most of any opportunity and take on a multitude of roles within this exciting field.

www.brookes.ac.uk/undergraduate/courses/multimedia
TYPICAL OFFERS
- A-level: BCC or equivalent, preferably including a science subject
- IB Diploma: 30 points, preferably including science
- Advanced Diploma: Engineering, Creative Media or Information Technology at grade B, including A-level Science at grade C
- BTEC National Diploma with a DDM profile, preferably in a science subject.

SPECIFIC ENTRY REQUIREMENTS
- GCSE: Mathematics at grade B minimum and English Language at grade C minimum.
SOUND TECHNOLOGY AND DIGITAL MUSIC BSc (HONS)

ACCREDITED BY THE IET (INSTITUTION OF ENGINEERING AND TECHNOLOGY)

The technology of sound is an exciting and rapidly expanding field of engineering that now interfaces with many other aspects of media production. To understand and join in this revolution you will study topics such as sound recording and production, music and electroacoustic composition, studio design, video production and computing.

The aim of the course is to foster a genuine interdisciplinary approach. For this reason, the course also incorporates modules in electronics, digital audio, e-music, video production and business management. This places the course at the forefront of audio technology and provides students with the experience and expertise needed to build a career in the diverse professional audio world. Graduates from this programme will be knowledgeable and technically skilled in audio technology.

The course is professionally accredited by the Institution of Engineering and Technology (IET) and fully satisfies the educational requirements for the Incorporated Engineer (IEng) registration with the Engineering Council.

Year 1
Sound Technology is based on knowledge of electronics, sound and music, so you will study these background topics during Year 1. In addition, you will study modules in the areas of computing and video production, and can take modules in multimedia applications, maths and music appreciation. In the sound recording module you will be working in groups to record and produce a CD. In the electronics module you will learn about the basics of electronic circuit operation, with a particular application to media technology.

Year 2
In Year 2 you will learn advanced audio production techniques in recording and sound processing, applicable in a professional working environment.

In the Advanced Video Production module you will make either a music video or a high-tech advertisement. All the work is done with digital equipment and high-spec computers, allowing you to produce high-quality results.

The e-Music module focuses on the production and dissemination of digital music and the uses of audio in multimedia. Digital sound is explored in a practical and experimental environment. This module delivers a broad overview of the technology involved in the creation of computer-based music. A number of different genres of composition and techniques are referred to. The module deals with various technical fundamentals, which should widen your perspective of the creativity possible within the music studio. Areas covered in the module might include midi, sequencing, formats of audio files, music online (web design and copyright issues) and live electronic music.

The electro-acoustic composition module focuses on the creative applications of the studio environment. Sound is generated and manipulated using digital techniques, leading to the composition of electro-acoustic music. Compositions and soundtracks are produced using the studio as a creative tool. Creative output is supported through close study of the structural, aesthetic and historical aspects of studio-based composition.

Year 3
During the final year the Studio Design module covers principles and techniques of acoustic and facility design for recording studios. You will learn about acoustics and psycho-acoustics, control room design, studio room design, international acoustics standards, and electrical and cabling infrastructure. You will also work in groups to produce a multimedia product to the specification of external clients in the Professional Practice module, where you will learn presentation and negotiation skills, project planning, finance and management. In the final year you can take the TV News Production module, and learn to create industry-standard news programmes for our Brookes TV station.

www.brookes.ac.uk/undergraduate/courses/stdm

Image courtesy of Alessandro Bonvini
TYPICAL OFFERS

- A-level: BBC or equivalent, preferably including a science subject
- IB Diploma: 30 points
- Advanced Diploma: Engineering, Creative Media or Information Technology at grade B, including A-level Science at grade C
- BTEC National Diploma with a DDM profile.

SPECIFIC ENTRY REQUIREMENTS

- GCSE: grade B minimum in Mathematics, and English Language grade C minimum
- You should also have demonstrable musical ability or aptitude, for example a grade C or higher at GCSE Music, or Grade 5 or above in a musical instrument or music theory examination. Alternatively, equivalent musical experience may be shown by audition or by submitting a demonstration recording of your musical performance.
CONTACT INFORMATION

Undergraduate applications
For advice about undergraduate applications contact:
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MECHANICAL ENGINEERING & MATHEMATICAL SCIENCES

Undergraduate courses from the Department of Mechanical Engineering and Mathematical Sciences
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The Department of Mechanical Engineering and Mathematical Sciences provides professionally accredited mechanical, automotive, motorsport, mathematical and statistical programmes of study. We focus on providing world class teaching and applied research whilst giving our students an excellent experience.

The Department is a major international centre for research. To transfer our research and knowledge to the real world we combine fundamental science and market intelligence, creating sustainable technologies and solutions. These seek to minimise environmental impact and deliver economic performance. They also feed back into our research-led teaching and our excellent track record in working with research councils and organisations such as BMW – our partnerships with business and industry are invaluable.

Our Oxfordshire location puts us at the centre of the ‘hub’ for clean automotive and related industries, enhancing the work we do and providing student placement opportunities.

We are situated on the Wheatley campus in a purpose-built £9m facility, equipped to the highest industry standards. This creates an environment in which technical expertise is enhanced by creativity and imagination. We have a friendly, close-knit community, with around 700 students supported by experienced and well qualified academic and technical staff. Our staff also spend a significant proportion of their time working with outside organisations, many global, as practitioners in their discipline. We also have excellent student support staff.

On our programmes you will develop practical skills, giving you an advantage in securing your desired career path. For example, in addition to essential theory and techniques in mathematics and statistics, we teach modern and interesting applications of the subject areas. This enables our students to see the relevance and importance of the material in their degree programmes. You will be equipped to identify and implement solutions to real-world problems in a professional manner. We support student activity such as the Formula Student Team: students design, build and then race their car at Silverstone.

All of our courses equip you with specialist knowledge and skills in the latest technology and specialist software packages. This is recognised by many employers, especially in Formula 1, who recruit a significant number of our graduates. Many of our students also receive sponsorship. We seek to widen participation by working in close partnership with a range of colleges in the region to support foundation degrees.

In our teaching, research and knowledge transfer we strive to help students, staff and our partners reach their full potential.

Gareth Neighbour,
Head of the Department of Mechanical Engineering and Mathematical Sciences
If you want to study engineering, but you don’t have the right qualifications to enter a university degree course, then the Foundation Course in Engineering might be just what you need. This one-year course is designed to improve your skills in physical science and engineering and, if you complete it successfully, you can then progress onto a BSc, BEng or MEng degree course.

The foundation course covers core subjects in electronic and mechanical engineering principles, and also helps to develop your mathematical skills. Additional modules are available in media technology and computing. The material is of A-level standard and provides opportunities for you to improve your technological knowledge before entering industry. It can also prepare you for higher degrees in technological subjects such as mechanical and automotive engineering.

You will have access to state-of-the-art workshops, laboratories and computers, and study in an environment which combines technical expertise with creativity and imagination.

TYPICAL OFFERS
- The equivalent of DD at A-level in terms of A-level, Vocational A-level and AS-level.
- BTEC National Diploma with 3 passes.
- International Baccalaureate 24 points.
- Advanced Diploma at grade D.

Mature students with relevant experience, including a substantial period of suitable employment, are welcome to apply.

SPECIFIC ENTRY REQUIREMENTS
GCSE: Maths at grade B minimum and English Language at grade C minimum

This course is intended for students who are at least 18 years old and hold either:
- recognised non-science qualifications to A-level standard
- recognised science qualifications to A-level standards, but with grades insufficient to qualify for an engineering degree or diploma course.

Please also see the University’s general entry requirements.

www.brookes.ac.uk/undergraduate/courses/eng_found
TECHNOLOGY FOUNDATION

If you want to study a technological subject, but you don’t have the right qualifications to enter a university degree course, then the Foundation Course in Technology is for you. The one-year course is a broad course designed to improve your general skills in science, computing, mathematics and technology. If you complete the course successfully, you can then progress onto a BSc (Hons) degree course.

The course covers core subjects in electronic and mechanical engineering principles, and helps to develop your mathematical skills. Additional modules are available in media technology and computing. The level of the material is of A-level standard and provides opportunities for you to improve your technological knowledge before entering industry. It can also prepare you for higher degrees in a broad range of subjects such as media technology and software design.

There is plenty of practical work too: the course uses laboratory and practical sessions to provide real hands-on experience. Surgery sessions are held in mathematics to help you to bridge any gaps in your mathematical skills.

TYPICAL OFFERS
- The equivalent of DD at A-level in terms of A-level, Vocational A-level and AS-level.
- BTEC National Diploma with 3 passes.
- International Baccalaureate 24 points.
- Advanced Diploma at grade D.

ADMISSION REQUIREMENTS
The course is intended for students at least 18 years old, who hold either:
- recognised non-science qualifications to A-level standard
- recognised science qualifications to A-level standards but with grades insufficient to qualify for a degree or diploma course.

Please also see the University’s general entry requirements.

www.brookes.ac.uk/undergraduate/courses/tech_found
To succeed on this course, you should want to become a designer of cars. You will need an aptitude for practical engineering, perhaps with some experience of building, driving, maintaining or designing automotive-related products.

About the course
You will benefit from the strong links we have forged with the automotive industry. These companies support the course in many ways and are actively involved in shaping its content and style. The course takes three years of study, or four years if you choose the sandwich option.

There is a lot of practical work – from dismantling, studying and re-building a racing car, through driver training to joining the Formula Student racing team.

We have active research interests in vehicle design and refinement, considering issues such as vehicle aerodynamics, powertrain, suspension dynamics, noise vibration and harshness, fuels, engine emissions and environmental impact.

The course is taught in our purpose-built premises which house the latest industrial-standard test facilities. We have specialist facilities such as a four post rig, damper dyno and drop tube furnace. We use a range of industry-standard software in teaching, giving our students the skills to contribute to innovation and growth in the industry.

Our graduates design the world’s best cars, most go into motorsports but many also design performance road cars. Students who complete the course and appropriate matching section will be eligible to apply for the chartered CEng status during their career.
Year 1
As well as studying mathematics, engineering principles, design and management during your first year, you will work in small groups to strip a car and rebuild it, to gain familiarity with automotive systems.

Year 2
In the second year you will develop your analytical skills through a study of dynamics, thermodynamics and stress analysis, and then apply them in design.

Year 3
In your final year you will study specialised automotive engineering subjects. For example, you will learn to use software to analyse the dynamic behaviour of a car when it undertakes manoeuvres. As well as studying automotive aerodynamics and automotive engines, you will be able to choose from a range of optional modules. You will also select a project of personal interest from our research and industrial activities.

Many students undertake a work placement between the second and final years, and all students may apply to join our internationally successful Formula Student Team.

If you wish to extend your degree you may seek selection for the four-year MEng course. The first three years of the MEng run parallel with the BEng course, while the final year of the MEng allows you to broaden and deepen your studies. You may enrol on either course when joining the university but progression onto the MEng is only possible for the most able students. You can also apply from elsewhere to join our MEng in the third year.

After you graduate
Professional accreditation
The MEng has been fully accredited by the Institution of Mechanical Engineers (IMechE) under the Engineering Council’s guidelines (UK SPEC). It provides complete exemption from the Engineering Council exams parts one and two.

The IMechE has given the BEng course the maximum accreditation level available to a BEng course under the Engineering Council’s guidelines (UK SPEC). Upon graduation you will have fully satisfied the academic requirements for Incorporated Engineer status and have a well-defined path to Chartered Engineer status with the IMechE and the Engineering Council.

Career prospects
The UK motor industry employs thousands of graduates each year and has a highly successful autosports industry. Whether it’s a rallying, F1, Indycar or touring car race, the chances are that a British car will be the winner. On the other hand your aspirations may lead you to design the next new Mini or the latest executive saloon with an international pedigree. These are the career paths to which our undergraduates aspire, and our degree in Automotive Engineering provides the right balance of education and practical experience to equip you for this exacting profession.

www.brookes.ac.uk/undergraduate/courses/automotive

TYPICAL OFFERS
- A-level: BBC (for BEng)/ABB (for MEng)
- IB diploma: 30 points (BEng)/33 points (MEng) to include minimum grade 5 (6 for MEng) in HL Maths and Physics.
- Advanced Diploma: For BEng, Engineering grade B, including A-level Maths Grade B. For MEng, grade A, including A-level Maths grade A.
- BTEC National Diploma in an Engineering subject, with a DDM profile (BEng)/DDD profile (MEng) including a distinction grade in the Further Maths for Technicians unit for both BEng and Meng.

For BEng, A-levels should include A-level Maths grade B and Physics.

For MEng, A-levels should include A-level Maths grade A and Physics.

SPECIFIC ENTRY REQUIREMENTS
- A-level: Mathematics and Physics, plus a third subject, preferably Chemistry or Design Technology.
- GCSE: English language grade C minimum.
Computer-based engineering is all about designing, creating and testing useful products by means of computers. In many engineering projects there is a need for engineers who are able to take the design ideas from a scheme and express them as computer models. This may range from simple models through to more complex three-dimensional parametric models; alternatively they may be models which simulate the motion of parts, allowing the user to study a working system before it is manufactured.

This course offers you the chance to learn the essential computer-based engineering and business skills required by industry and covers a wide range of engineering practice areas. We use a range of industry-standard software in teaching, providing our students with the skills to contribute to innovation and growth in industry.

About the course

You will study the basic principles that engineers use to turn design possibilities into real problem-solving solutions. You will learn how to use computer-based packages to produce design solutions of your own, enabling you to build up a portfolio of work.

By the time you reach the final year you will have the skills to tackle a typical industry-based problem and produce a complete design solution, including computer models of how the solution will look and how it will function and be manufactured.

The department employs a range of advanced engineering software for undergraduates to use, including:

- a collection of CAD packages
- stress and dynamics analysis packages
- fluids and engine simulation software
- specialised vehicle simulation software.

Students have the chance to develop the skills needed to use and apply these packages creatively to produce designs their customers want, employing processes that return profits.

After you graduate

Our graduates have an excellent preparation for the world of work. The Computer Aided Mechanical Engineering degree is tailored to the current needs of industry, and our graduates work in all areas of engineering: design, manufacturing, service industries, consulting, and in the automotive and aerospace industries.

YEAR 1 MODULES

- Graphics and Design
- Automotive Materials and Manufacturing Techniques
- Basic Mechanical Engineering Technology (double)
- Basic Electrical Engineering
- Basic Mathematical Methods I
- Basic Mathematical Methods II
- Introduction to Engineering Management
- Basic Data Analysis
- Word-Processing and Spreadsheet IT Skills

YEAR 2 MODULES

- Introductory Mathematics
- Introduction to Engineering Mechanics
- Introduction to Engineering Thermo-Fluids
- New Product Development
- Sensors and Data Logging
- Mechanical Engineering Design and Computer Aided Engineering
- Automotive Electronics
- Micro-Processors
- Control Technology

FINAL YEAR MODULES

- Engineering Dynamics I
- Stress Analysis I
- Engineering Thermo-Fluids
- Computer Aided Animation
- Advanced CAD/CAM
- Motorsport Engine Technology
- Advanced Automotive Electronics
- Materials Engineering
- Project (double)
- Group Design Study

www.brookes.ac.uk/undergraduate/courses/came
TYPICAL OFFERS
- A-level: BBC or equivalent
- IB Diploma: 30 points, preferably including science
- Advanced Diploma: Advanced Diploma Engineering at grade B including science A-level at grade C
- BTEC National Diploma in a relevant subject with a DDM profile
- Science subjects preferred

SPECIFIC ENTRY REQUIREMENTS
- GCSE: Mathematics grade B minimum, English Language grade C minimum
- Please also see the University’s general entry requirements.
MATHEMATICS
BSc (Hons) SINGLE OR COMBINED
Recognised by the Institute of Mathematics and its Applications (IMA)

Mathematics is an exciting and elegant subject encompassing structures and techniques which underpin science and technology. Oxford Brookes offers mathematics courses which focus on modern applications of the subject. Career prospects for mathematics graduates are excellent. Our graduates gain skills which are highly sought after by employers.

About the course
You may choose to take mathematics at Oxford Brookes as a single honours course or combine it with another subject.

If you particularly enjoy mathematics, you can study mathematics as a single honours course. You will develop a firm foundation in mathematics and statistics, then study mathematics in depth, with the opportunity to extend your skills in statistics.

If you enjoy mathematics but want to combine it with another subject at degree level, the modular course at Oxford Brookes University provides a choice of subjects to combine with Mathematics. Some students opt for a closely related combination such as Mathematics with Statistics, Computing or Business; others opt for a contrasting subject, such as Music. This gives you the flexibility to develop mathematical skills and also to follow your other interests.

As Mathematics is a National Curriculum subject, a combined or single honours Mathematics degree will equip you to proceed directly to a teaching qualification. Mathematics is still a shortage subject in the teaching profession so employment prospects are excellent.

YEAR 1 MODULES
For single honours
- Applied Probability
- Statistical Inference
- Algebra and Calculus (double)
- Introductory Mathematics
- Basic Survey Methods
- Modelling and Computation
- Word-Processing and Spreadsheet IT skills

For combined honours
- Algebra and Calculus (double)
- Introductory Mathematics
- Applied Probability
- Modelling a Computation
- Word-Processing and Spreadsheet IT skills
Year 1
You will develop essential knowledge and skills in pure mathematics, mathematical methods and mathematical modelling (and statistics in the single honours course).

Years 2 and 3
On the single honours course, you will spend most of your time on mathematics, with the opportunity to study some statistics at advanced level. On the combined honours course, modules in mathematics are complemented by those in your other field of study. Throughout the course we will encourage you to acquire and develop your computing abilities through the extensive use of up-to-date mathematical (and, for single honours, statistical) software.

After you graduate
Recent research has shown that graduates in mathematical disciplines enjoy one of the highest earning potentials of all graduates. Employers recognise that mathematical knowledge and skills are essential to the solution of many current problems, not only in science and technology but also in business and commerce.

As well as using their knowledge directly in scientific research and teaching, graduates in Mathematics go on to develop careers in accountancy, computing, actuarial, market research or management work where they can use their numeracy and skills such as problem-solving and statistical modelling. Many of our graduates also progress to postgraduate study, both MSc and PhD.

Graduates in mathematics are particularly well equipped for a career in information technology and related areas. For example, demand is strong for graduates capable of developing error-free software that is mathematically based and also for those who can exploit sophisticated software and technology effectively.

TYPICAL OFFERS
For the single honours course
- The equivalent of BBC at A-level in terms of A-level, Vocational A-level and AS-level, including at least grade B in A-level Mathematics.
- BTEC National Diploma with one distinction and two merits plus a minimum of grade B in A-level Mathematics.
- International Baccalaureate 31 points, to include at least 6 in Standard Mathematics.
- Advanced Diploma at grade B, including A-level Maths at grade B.

For the combined honours course
- The equivalent of BCC at A-level in terms of A-level, Vocational A-level and AS-level, including at least grade B in A-level Mathematics.
- BTEC National Diploma with three merits, plus at least grade B in A-level Mathematics.
- International Baccalaureate 30 points, to include at least 6 in Standard Mathematics.
- Advanced Diploma at grade C, including A-level Maths at grade B.

For combined honours, normally the offer will lie between the requirements quoted for each subject.

SPECIFIC ENTRY REQUIREMENTS
- Grade C minimum in GCSE English Language.
- Please also see the University’s general entry requirements.

YEAR 2 AND FINAL YEAR MODULES (SINGLE AND COMBINED HONOURS)
- Graph Theory (s & c)
- Further Discrete Mathematics (s & c)
- Numerical Analysis I (s & c)
- Geometry (s & c)
- Ordinary Differential Equations (s & c)
- Numerical Analysis II (s & c)
- Partial Differential Equations (s & c)
- Applied Algebra (s & c)
- Independent Study in Mathematics (s & c)
- Mathematics Project (double) (s & c)
- Mathematics for Decision Making (s & c)
- Quantitative Research Methods
- Linear Algebra and Analysis I (s & c)
- Linear Algebra and Analysis II (s & c)

YEAR 2 AND FINAL YEAR MODULES (SINGLE HONOURS ONLY)
- Honours Topics in Mathematics (double)
- Time Series Analysis
- Sampling and Surveys
- Communicating Statistics
- Simulation and Modelling
- Linear Regression Models
- Honours Topics in Statistics
- Medical Statistics
- Independent Study in Mathematics
- Mathematics for Decision Making
- Mathematics Project (double)
- Mathematics Interdisciplinary Project

www.brookes.ac.uk/undergraduate/courses/maths
Do you enjoy mathematics and want to extend your knowledge of the subject from A-level? Our single honours course in Mathematical Sciences will develop your logical, analytical and problem-solving abilities and particularly focuses on increasing your awareness of the use of the mathematical sciences as problem-solving tools in a wide range of application areas.

**About the course**

The course will encourage you to adopt a critical and independent approach to your learning. It is designed to provide a satisfying educational experience and to equip you with the mathematical knowledge and understanding you will need for a career in the many fields where mathematical skills are highly valued.

We use a wide range of teaching methods, including lectures, problem-solving classes and group work, as well as guided reading and research. Lecturers will generally supply extensive handouts and booklets during sessions. Our experienced staff provide tutorial support in practical classes and on a one-to-one basis where required.

Coursework is an important element in assessment and is highly valued by students for the feedback it provides. Most modules are assessed using a combination of coursework and examination, although some rely solely on coursework. Assessment methods include individual work, group assignments, presentations and project work.
Year 1
You will build essential knowledge and skills in pure mathematics, mathematical methods, mathematical modelling and statistics. Your computing abilities will develop through a specialist module in mathematical software and the integrated use of up-to-date computer packages throughout the course.

Year 2
You will have the opportunity to shape your programme of study as your knowledge and interests develop. You may choose to specialise in mathematics or statistics, or follow a broader programme in the mathematical sciences. Your choice will be guided by personal tutors and by literature showing recommended pathways.

Year 3
In the final year you can choose from specialised modules, covering topics such as coding and cryptography, medical statistics and geometry. You will also have the opportunity to work on an individual project, or to take a specialist module with a range of topics. These are particularly valuable as they further develop your analytical and problem-solving skills, and provide experience in the use of a range of communication skills.

After you graduate
Recent research has shown that graduates in mathematical disciplines enjoy one of the highest earning potentials of all graduates. Employers recognise that mathematical knowledge and skills are essential to the solution of many current problems, in science, technology business and commerce.

Graduates in Mathematical Sciences may use their subject knowledge directly in scientific research and teaching, or develop careers in accountancy, computing, actuarial, market research or management work where they can use their numeracy and problem-solving skills. Many of our graduates also progress to postgraduate study, both MSc and PhD.

TYPICAL OFFERS
- The equivalent of BCC at A-level in terms of A-level, Vocational A-level and AS-level, including at least grade C in A-level Mathematics.
- BTEC National Diploma with three merits, PLUS at least grade C in A-level Mathematics.
- International Baccalaureate 30 points, to include at least 5 in Standard Mathematics.
- Advanced Diploma at grade C, including A-level Mathematics at grade C.

SPECIFIC ENTRY REQUIREMENTS
- Minimum grade C in A-level Mathematics.
- Minimum grade C in GCSE English Language.

YEAR 1 MODULES
- Applied Probability
- Statistical Inference
- Algebra and Calculus (double)
- Introductory Mathematics
- Basic Survey Methods
- Modelling and Computation
- Word-Processing and Spreadsheet IT skills

YEAR 2 AND FINAL YEAR MODULES
- Time Series Analysis
- Quantitative Research Methods
- Sampling and Surveys
- Communicating Statistics
- Simulation and Modelling
- Linear Regression Models
- Honours Topics in Statistics
- Medical Statistics
- Graph Theory
- Further Discrete Mathematics
- Numerical Analysis I
- Geometry
- Ordinary Differential Equations
- Numerical Analysis II
- Partial Differential Equations
- Applied Algebra
- Mathematics for Decision Making
- Linear Algebra and Analysis I
- Linear Algebra and Analysis II
- Honours Topics in Mathematics
- Statistics Project (double)
- Mathematical Sciences Project (double)
- Independent Study in Statistics
- Independent Study in Mathematics

www.brookes.ac.uk/undergraduate/courses/ms
MECHANICAL ENGINEERING
BEng/MEng
Accredited by the Institution of Mechanical Engineers (IMechE)

This course will prepare you for a career in any area of mechanical engineering, either as a specialist in a particular field or as an engineer with a broad range of responsibilities. The course is enhanced by the involvement of several local companies offering training and industrial placement opportunities to sandwich students.

About the course
We have active research interests in engineering product design, CAD/CAM, materials, composites, joining technology, dynamics, reliability and risk management, manufacturing, and automotive and motorsport engineering. There is a strong design theme to the course and students learn to use the latest computer technology and programs to produce their designs in virtual reality. The designs can then be tested and optimised before being made. All this is backed up by a sound theoretical knowledge built up steadily over the duration of the course. Students end the course knowing the principles they need to propose new and imaginative solutions to design problems, able to model, analyse and optimise designs and turn them into successful commercial products.

Year 1
This covers fundamental work in engineering science, applied mathematics, manufacturing techniques and ancillary subjects such as electronics, graphics and design.

Year 2
You will build on these subjects to gain an understanding of how basic principles can be applied to more complex problems, and to develop analytical techniques.

Year 3/industrial placement
Our work placement programme has been commended by professional bodies as a model of excellence. We have placement opportunities with local automotive and product manufacturing companies.

Year 4/final year
In the final year you will select a project of personal interest from the varied research and industrial activities available. The final year also allows you to select modules to extend your specialist knowledge in core fields of interest and to broaden your engineering experience.

4 year master's degree option
If you wish to extend your degree you may seek selection for the four-year MEng course. The first three years of the MEng run parallel with the BEng course, while the final year of the MEng allows you to broaden and deepen your studies. You may enrol on either course when joining the university but progression onto the MEng is only possible for the most able students. You can also apply from elsewhere to join our MEng in the third year.

Successful students on this course are imaginative and keen to use technology to create working products and solutions that don’t merely ‘do the job’ but which will become market leaders in their field. You should be creative and have a desire to see your ideas become a reality.

www.brookes.ac.uk/undergraduate/courses/mech_eng
After you graduate

The MEng has been fully accredited by the Institution of Mechanical Engineers (IMechE) under the Engineering Council’s guidelines (UK SPEC). It provides complete exemption from the Engineering Council exams parts one and two. The IMechE has given the BEng course the maximum accreditation level available to a BEng course under the Engineering Council’s guidelines (UK SPEC). Upon graduation you will have fully satisfied the academic requirements for Incorporated Engineer status and have a well-defined path to Chartered Engineer status with the IMechE and the Engineering Council.

Our students are well prepared for the world of work, as the Mechanical Engineering degree is tailored to the current needs of industry. Our graduates work in all areas of mechanical engineering, such as design, aerospace, manufacturing, pharmaceuticals, and automotive and motorsport engineering, as well as in more general managerial and commercial roles.
If you are keen on motorsport and all that is required for successful professional practice, then this is the course for you. You will need an aptitude for practical engineering, perhaps with some experience of building, driving, maintaining or designing automotive-related products.

**About the course**

The content of this course is similar to our MEng/BEng in Automotive Engineering, but differs by including several motorsport specific options available only on this course. Students who complete the course and appropriate matching section will be eligible to apply for the chartered CEng status during their career.

You will benefit from the strong links we have forged with the local autosports industry. These companies support the course in many ways and are actively involved in shaping its content and style. The course takes three years of study (for the BEng), or four years if you choose the sandwich option.

We have active research interests in racing vehicle design, aerodynamics, chassis, powertrain, suspension, tyre dynamics, lap time simulation and racing engine design. The course is taught in our modern, purpose-built premises, which have impressive facilities. Our specialist facilities include a four post rig, damper dyno and high revolution engine test cells. We use a range of industry-standard software in teaching, giving our students the skills to contribute to innovation and growth in the industry.

**Year 1**

In your first year, as well as studying mathematics, engineering principles, design and management, you will also undertake relevant practical work to gain familiarity with motorsports systems and engineering manufacture.

**Year 2**

In your second year you will develop your analytical skills through studying dynamics, thermo-fluids, and stress analysis and design.

**Year 3/Final year**

You will study specialised automotive engineering and motorsport subjects, including aerodynamics, automotive engines and technology, motorsport vehicle performance and chassis engineering. You will also choose optional modules and select a project of personal interest.

If you wish to extend your degree you may seek selection for the four-year MEng course. The first three years of the MEng run parallel with the BEng course, while the final year of the MEng allows you to broaden and deepen your studies. You may enrol on either course when joining the university but progression onto the MEng is only possible for the most able students. You can also apply from elsewhere to join our MEng in the third year.

**After you graduate**

**Professional accreditation**

The MEng has been fully accredited by the Institution of Mechanical Engineers (IMechE) under the Engineering Council’s guidelines (UK SPEC). It provides complete exemption from the Engineering Council exams parts one and two.

The IMechE has given the BEng course the maximum accreditation level available to a BEng course under the Engineering Council’s guidelines (UK SPEC). Upon graduation you will have fully satisfied the academic requirements for Incorporated Engineer status and have a well-defined path to Chartered Engineer status with the IMechE and the Engineering Council.

**Career prospects**

The United Kingdom is the home of the motorsport industry and it employs many graduates each year. Several generations of our students are in F1 companies as race engineers, designers, aerodynamicists, and chassis and powertrain engineers.

www.brookes.ac.uk/undergraduate/courses/motorsport_beng
### Typical Offers

- **A-level**: BBC (for BEng)/ ABB (for MEng).
- **IB Diploma**: 30 points (BEng)/ 33 points (MEng) to include minimum grade 5 (6 for MEng) in HL Maths and Physics.
- **Advanced Diploma**: For BEng, Engineering grade B, including A-level Maths grade B. For MEng, grade A, including A-level Maths grade A.
- **BTEC National Diploma**: in a relevant subject with a DDM profile (for the BEng) / DDD profile (for the MEng), including a distinction grade in the Further Maths for Technicians unit for both BEng and MEng.

### Specific Entry Requirements

- For BEng, A-levels should include A-level Maths grade B and Physics.
- For MEng, A-levels should include A-level Maths grade A and Physics.

### Year 1 Modules

- Introduction to Mathematics for Engineers (double)
- Introduction to Engineering Thermo Fluid Dynamics
- Introduction to Engineering Mechanics
- Graphics and Design
- Automotive Materials and Manufacturing Techniques
- Basic Electrical Engineering
- Introduction to Engineering Management
- Programming the Virtual World

### Year 2 Modules

- Materials Engineering
- Stress Analysis I
- Engineering Dynamics I
- Engineering Mathematics
- Engineering Thermo-Fluids
- Automotive Engineering Design and Computer Aided Engineering (double)
- Automotive Electronics

### Year 3 Modules

- New Product Development
- Stress Analysis II
- Chassis Engineering
- Motorsport Vehicle Performance
- Automotive Engines
- Vehicle Aerodynamics
- Advanced CAD/CAM
- Motorsport Group Design Study
- Motorsport Engine Technology
- Project (double)
- Engineering Dynamics II

### Year 4 (MEng) Modules

- Formula Student Design and Build Project
- Laptime Simulation and Race Engineering
- CAD/CAM
- Engineering Reliability and Risk Management
- Advanced Engineering Management
- Vehicle Crash Engineering
- Advanced Vehicle Aerodynamics
- Advanced Materials Engineering and Joining Technology
- Advanced Strength of Components
- Data Acquisition Systems
- Racing Engine Design

### Year 4 (MEng) Modules

- Formula Student Design and Build Project
- Laptime Simulation and Race Engineering
- CAD/CAM
- Engineering Reliability and Risk Management
- Advanced Engineering Management
- Vehicle Crash Engineering
- Advanced Vehicle Aerodynamics
- Advanced Materials Engineering and Joining Technology
- Advanced Strength of Components
- Data Acquisition Systems
- Racing Engine Design

### Year 4 (MEng) Modules

- Formula Student Design and Build Project
- Laptime Simulation and Race Engineering
- CAD/CAM
- Engineering Reliability and Risk Management
- Advanced Engineering Management
- Vehicle Crash Engineering
- Advanced Vehicle Aerodynamics
- Advanced Materials Engineering and Joining Technology
- Advanced Strength of Components
- Data Acquisition Systems
- Racing Engine Design
If you are interested in practical technical involvement in motorsports and in computer-aided design for racing cars, and have a passion for making racing cars perform, then this is the course for you. We equip students with the engineering skills they need to excel in the profession.

About the course
This course covers the fundamentals of motorsport technologies and lasts for three years (or four if you include the optional placement year). The disciplines covered range from CAD/CAM, stress and dynamic analysis, and thermo-fluids to business and management. You will be exposed to all aspects of racing and road car design, gaining an understanding of the entire design process and learning how to turn your ideas into well-prepared design proposals.

You will benefit from the strong links we have forged with the local motorsports industry. These companies support the course in many ways and are actively involved in shaping its content and style.

We have active interests in racing vehicle design, aerodynamics, chassis, powertrain, suspension, tyre dynamics, lap time simulation and racing engine design. We have specialist facilities such as a four post rig for chassis analysis, a damper dyno and high-revolution engine test cells. We use a range of industry-standard software in teaching, enabling our students to contribute effectively to innovation and growth in the industry.

All students on the course are eligible to join our Formula Student team – a project that will challenge you to design, build, test and race a single-seater racing car. The competition is held annually and around 50 universities compete.

After you graduate
The UK motor industry employs thousands of graduates each year and has a highly successful autosports sector. Whether it’s a rallying, F1, Indycar or touring car race, the chances are that a British car will be the winner. On the other hand, your aspirations may lead you to design the next new Mini or the latest executive saloon with an international pedigree.

These are the career paths to which our undergraduates aspire, and Motorsport Technology provides the right balance of education and practical experience to equip you for this exacting profession.

### TYPICAL OFFERS
- A-level: BBC or equivalent.
- IB diploma: 30 points preferably including Science.
- Advanced Diploma: Engineering grade B including Science A-level grade C.
- BTEC National Diploma in a relevant subject with a DDM profile. A-levels will preferably include science subjects and/or Design and Technology.

### SPECIFIC ENTRY REQUIREMENTS
- GCSE: Maths grade B minimum and English Language grade C minimum.

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**YEAR 1 MODULES**
- Graphics and Design
- Automotive Materials and Manufacturing Techniques
- Basic Mechanical Engineering Technology (double)
- Basic Electrical Engineering
- Basic Mathematical Methods I
- Basic Mathematical Methods II
- Introduction to Engineering Management
- Basic Data Analysis
- Word-Processing and Spreadsheet IT Skills
- Programming the Virtual World

**YEAR 2 MODULES**
- Introductory Mathematics
- Introduction to Engineering Mechanics
- Introduction to Engineering Thermo-Fluids
- New Product Development
- Sensors and Data Logging
- Automotive Engineering Design and Computer Aided Engineering
- Automotive Electronics
- Micro-Processors
- Control Technology

**FINAL YEAR MODULES**
- Engineering Dynamics I
- Stress Analysis I
- Engineering Thermo-Fluids
- Computer Aided Animation
- Advanced CAD/CAM
- Motorsport Engine Technology
- Advanced Automotive Electronics
- Motorsport Vehicle Performance
- Materials Engineering
- Project (double)
- Motorsport Group Design Study

[www.brookes.ac.uk/undergraduate/courses/motor_tech](http://www.brookes.ac.uk/undergraduate/courses/motor_tech)
If you want to work in a wide and varied area, understanding data and communicating it to different audiences, then this course is for you. Statistical analyses play a central part in the creation of new developments in business, medicine, science and the environment, psychology and health. Statistics can only be taken as part of a combined honours degree, with a related subject, such as Mathematics, or with one of a range of subjects that make use of statistics.

About the course
The combined honours course in Statistics at Oxford Brookes provides skills in statistical techniques and IT that can be used in many areas of employment. The course is suitable whether you want to become a statistician or develop skills in data analysis that can be used in another career. We focus on applying statistics in real-life situations.

Career prospects for graduates in statistics are excellent. Our graduates go into industry, government work or research, benefiting from the skills they developed while on the course at Oxford Brookes.

Year 1
In your first year you will develop your ability to present statistical information to detect misuses of statistics in the media and understand the statistical theory that provides a basis for further study.

Year 2
From your second year onwards you will learn to analyse data from a wide range of sources, such as medical research, forecasting, opinion polls, market research and scientific experiments, learn how to draw conclusions and how to communicate complex results to a wide range of audiences.

Final year
You can choose to undertake a project, applying the statistical knowledge and skills you have gained to a real-world problem, or you may choose to enhance your skills by taking further taught modules in advanced topics.

After you graduate
Statistics graduates are highly employable. There are opportunities in business (e.g. business analysis, market research, pharmaceutical companies), in government (e.g. National Statistics Office) and in research (e.g. medical statistics, economic statistics). As a graduate of Statistics you will be able to offer employers a range of transferable skills as well as specialised statistical knowledge. The high levels of numeracy and computer literacy which you will gain are valuable assets in the job market.

Some graduates go straight into employment; others go on to study for higher degrees (MSc or PhD) or to take a PGCE as preparation for a career in teaching.

YEAR 1 MODULES
- Applied Probability
- Statistical Inference
- Introductory Mathematics
- Basic Survey Methods
- Word-Processing and Spreadsheet IT skills

YEAR 2 AND FINAL YEAR MODULES
- Quantitative Research Methods
- Time Series Analysis
- Sampling and Surveys
- Communicating Statistics
- Simulation and Modelling
- Linear Regression Models
- Honours Topics in Statistics
- Medical Statistics
- Independent Study in Statistics
- Statistics Interdisciplinary Project
- Statistics Project (double)

TYPICAL OFFERS
- A-level: BCC or equivalent.
- IB diploma: 30 to include at least 5 in Standard Mathematics.
- Advanced Diploma: Grade C, including A-level Mathematics at grade C.
- BTEC National Diploma with three merits, plus grade C minimum in A-level Maths.

SPECIFIC ENTRY REQUIREMENTS
- GCSE: grade C minimum in English Language.

www.brookes.ac.uk/undergraduate/courses/stats
CONTACT INFORMATION

Undergraduate applications
For advice about undergraduate applications contact:
query@brookes.ac.uk
+44 (0) 1865 484848

International applications
For information about applying as an International Student please visit:
www.brookes.ac.uk/international

More information
For more information about the Department visit:
www.mems.brookes.ac.uk

Follow us on twitter
@OBU_MEMS

Follow us on YouTube
www.youtube.com/oxfordbrookes

Department of Mechanical Engineering and Mathematical Sciences
Wheatley Campus
Wheatley
Oxford
OX33 1HX
PLANNING

Undergraduate courses from the Department of Planning

- Built Environment Foundation course
- City & Regional Planning BA (Hons)
- Planning & Property Development BA (Hons)
- City & Regional Planning MPlan (Hons)
We are the largest planning department in the country, with an excellent national and international reputation, and were the first to be awarded the maximum score for teaching quality by the government’s Quality Assurance Agency. We have continued to maintain a leading position in this field and receive consistently high ratings in university league tables.

In addition to undergraduate, postgraduate and research degree programmes, the department performs a leading role in research and consultancy with clients and projects covering subjects from local concerns to multi-national organisations, government and industry.

Our City and Regional Planning courses are fully recognised by the Royal Town Planning Institute (RTPI) for entry into the planning profession and the four-year MPlan offers full Royal Institution of Chartered Surveyors (RICS) accreditation. Our Planning and Property Development course offers full RICS accreditation and when combined with the MSc in Spatial Planning is also eligible for full RTPI accreditation.

**Employment prospects**

As well as working in local authorities and government, planners work as consultants with architects and surveyors, and for charities and in the private sector.

Career prospects are excellent. Planning careers include design consultancy, spatial planning, leisure planning, property development, transport consultancy, green tourism, town centre management or urban regeneration.

Alternatively, you could opt for postgraduate study on one of our MA or MSc courses in areas such as urban design, environmental impact assessment, regeneration, tourism, spatial planning, climate change or historic conservation. We also offer research degrees at MPhil or PhD level.
If you don't meet our formal entry requirements, or if you didn't do as well at A-level as you had expected, there is no need to give up hope. This foundation programme could be just what you are looking for, as successful completion will guarantee you a place on one of our degree courses in the department.

Equally, if you want to return to study after working for a while, but lack confidence, this programme is designed to bring you up to speed. If you are an overseas student, or if your first language is not English, you will also find this programme ideally suited to your needs as it will introduce you to our way of learning. In addition, you will find an excellent range of English language courses on offer at Brookes.

Whatever your background, the Foundation programme will give you a good introduction to university life, widen your horizons and open up a host of exciting career and life opportunities.

Qualifications
We are looking for students who show they have the potential to benefit from a university education. Your personal statement is your chance to convince us of your enthusiasm for study. Showing us that you have a passion and commitment to embark on degree-level study is taken in conjunction with your existing qualifications. You should also indicate which degree within the faculty you hope to progress onto.

You will need at least one (preferably two) A-level at D or above grade and in any subject, or a BTEC qualification or vocational A-level, plus GCSE Maths and English at grade C. If you are unsure whether you have the qualifications to start, contact us for a chat.

Progression to a BA or BSc
Successful completion of the Foundation course can lead you onto one of the degree courses within the school. Our courses include Architecture BA, City and Regional Planning BA or MPlan, Construction Project Management BSc, Interior Architecture BA, Planning and Property Development BA, Quantity Surveying and Commercial Management BSc and Real Estate Management BSc.

All of the courses will have specific progression rules which will be highlighted to you during your induction programme. We will also provide you with advice and guidance on how you can meet the progression rules.

Why choose Oxford Brookes?
When asked what they value about their Brookes experience, most students are agreed on one thing – the quality of our staff. They help us to deliver courses that are centred around the needs of our students.

You will find that our staff will be on your side from the start, and prepared to work with you to bring out the best in you. Our aim is to prepare you thoroughly for undergraduate study.

While studying varying aspects of the built environment, you will also be able to gain a wide range of skills, including communication skills, such as writing, group working, and the ability to make presentations, and learning how to use computers and access library facilities. Academic staff from our Departments of Architecture, Planning and Real Estate and Construction will all take an active role in ensuring the Foundation programme brings out the best in you.
Are you concerned about the future of city centres and green belts? Would you like to explore what might be done to create more sustainable cities for the future? Do inner-city problems motivate you to help make cities better places for everyone to live?

The City and Regional Planning course is unique in the range of choice offered, the integrated framework in which subjects are taught and applied, and the way in which it enables students to combine academic, practical, professional and vocational knowledge and skills.

Throughout the course a variety of teaching methods is used to encourage active learning. We combine formal teaching with projects, group exercises and seminars. You will be encouraged to develop a range of skills, including written, verbal, design, IT and computing skills. Projects are a key element in many modules, often involving site visits and conducting surveys. Assessment for modules is through a combination of examination and coursework, although many modules rely solely on coursework. Coursework assignments may include simulations, design and graphic presentations, writing essays and reports, seminar papers and group projects.

Why choose Oxford Brookes

We are one of the top-rated planning departments in the country and have been consistently awarded top marks by government assessors for the quality of our teaching. We have many specialist areas of research that makes it a very lively place in which to study. You will also find plenty to stimulate and inspire you in Oxford, a city rich in history with many examples of modern architecture and planning – good and bad!
COURSE MODULES

**Year 1**

The first year introduces you to the range of knowledge and skills needed by planners. Students will discover the intricacies of the British planning system and develop an understanding of environmental debates and urban development processes.

Students will acquire and apply knowledge of Planning, Urban Design and Development, Economics, Valuation, Social Geography and Environmental Studies, and how these are managed, and will develop the skills required in working and communicating with others.

**Year 2**

The second year is focused on the further development of knowledge and skills related to the discipline. The design, economics, valuation and environmental aspects of the first year of the course are further developed and focused in addition to the introduction to Research Design, Politics and Geographical Information Systems.

Students are expected to develop as independent learners and to acquire knowledge and skills which will enhance their employability and prepare them for professional roles in the built environment.

**Year 3**

In the third year, students will develop their knowledge in areas such as development control, urban design, strategic planning, planning thought and cities and society.

Students will write a dissertation as part of the honours element of their programme. This provides an opportunity for long-term, self-generated study and research, under supervision. The dissertation is supported by a structured programme aimed at leading students through the key stages in its development, focusing on the importance of research and research methods, as well as individual supervision. The dissertation is usually between 8,000 and 10,000 words long.

YEAR 1 MODULES
- Economics of Built Environment
- Introduction to Valuation and Commercial Management
- Introduction to Spatial Planning
- City Design and Development (double module)
- The City, People and Diversity (double module)
- Environmental Sustainability

YEAR 2 MODULES
- Compulsory modules
  - Urban Development Processes and Finance
  - Politics and Planning
  - Geographical Information Systems
  - Research Design and Data (double module)
  - Designing the City

2/3 optional modules
- Environmental Decision Making
- Global Environmental Resource Policy
- Transport and Society

YEAR 3 MODULES
- Compulsory modules
  - Local Planning and Development Control (double module)
  - Urban Design and Development
  - Regional and Strategic Planning
  - Planning Thought and Practice
  - Cities and Society
  - Independent Study in Planning
  - Research Project (double module)

ADMISSION REQUIREMENTS
- GCSE Mathematics and English grade C or above.
- Please also see the University’s general entry requirements and standard English language requirements.

TYPICAL OFFERS
- A-level grades BBC
- 2 A-levels plus 2 AS-level equivalent
- 1 12-unit vocational A-level (any programme) plus 1 A-level or 2 AS-levels
- International Baccalaureate minimum 31 points
- Advanced Diploma at grade B, including A-level at grade C.

www.brookes.ac.uk/undergraduate/courses/crp

See page 7 for the City and Regional Planning MPlan
Before you came to Brookes what did you study and where?
I was at Princethorpe College 6th form in Rugby, studying A-levels in Art, English Literature, Geography and French.

What made you choose Brookes as a place to study?
I liked it when I came on a visit to the university and the modules on the course covered a number of topics I was interested in. I also wanted the opportunity to gain both RTPI and RICS accreditation which particularly made me interested in the course at Brookes, as this is possible by taking specified Real Estate Management modules.

What do you think of the course now you're here?
The course covers a broad subject area giving you a good grounding on a number of topics. The lectures are usually fairly small and so you get to know your peers and lecturers very well, which makes it much easier to settle in. The Department of Planning as a whole is very friendly and there is always someone happy to help you with any problems you might have.

How did your scholarship or bursary enhance your experience of the course?
My scholarship helped me to purchase many course-related books and generally helped towards living costs.

What are your plans for when you've completed your course, for work or further study?
I hope to continue at Brookes to do an MA in Urban Design to gain full accreditation for RTPI.

What are the best bits of studying at Brookes?
Oxford is a great city to live in as a student, with plenty of social events to suit everyone. By studying at Brookes I will be able to gain accreditation from two professional bodies which is becoming ever more desirable by employers who look for a broad range of skills and knowledge from graduates.

What advice do you have for others?
Enjoy first year as it is the best opportunity to meet new people and socialise. I would recommend going into halls as it’s a great way to get to know people and experience Oxford fully.

For more student profiles visit:
http://planning.brookes.ac.uk/media/profiles.html
CITY AND REGIONAL PLANNING MPLAN

Fully accredited by the Royal Town Planning Institute (RTPI)
Fully accredited by Royal Institution of Chartered Surveyors (RICS)

This four year undergraduate master’s degree adds an extra year to the City and Regional Planning BA in order to obtain full RTPI and RICS recognition.

The first three years are similar to the BA in City and Regional Planning.

In the fourth year, further specialisation will take place and students are required to choose between Urban Design, Environmental Impact Assessment, Historic Conservation, Urban Planning in Developing and Transitional Regions, Tourism Planning, Transport Planning or Urban Regeneration. The focus during this year is on Planning in Practice.

ONE SPECIALIST PATHWAY CHOSEN FROM:
- Urban Design Studio 1
- Urban Design Theory 1
- Urban Design Theory 2
- Urban Design Development Seminars
- Environmental Assessment
- Environmental Law and Decision Making
- Design for Conservation
- Historic Conservation in Context
- Conservation Economics
- Development and Urbanisation
- Urban Land Policy and Urban Management
- Sustainable Tourism Planning
- Destination and Event Development
- Transport Policy
- Contemporary Issues in Transport Planning Practice
- Introduction to Regeneration
- Regeneration of Neighbourhoods

AND ONE OPTION MODULE FROM:
- Globalisation, Environment and Development
- Globalisation: Global Institution
- International Transport Planning: Policy and Process
- Principles of Environmental Assessment and Management
- Strategic Environmental Assessment

COMPULSORY MODULES:
- Research Seminars
- MPlan Dissertation

While every effort is made to ensure this list is up to date, specialist pathways may be added or removed from this list depending on staff expertise. Please check online for the most recent list.

www.brookes.ac.uk/undergraduate/courses/crp
PLANNING & PROPERTY DEVELOPMENT
BA (HONS)

Fully accredited by Royal Institution of Chartered Surveyors (RICS). Accredited by the RTPI when combined with the Postgraduate Diploma in Planning and the post-graduation Assessment of Professional Competence (APC).

This new course has been designed to reflect the growing synergies and collaborations between the planning and property development professions.

Both professions are interlinked. Planners need to be aware of the pressures for development, the financial models that underpin such development, and the philosophy that drives the surveying profession. Equally, surveyors and property developers need understanding of social, environmental and political climate in which they are required to work, notions of the public realm, and the role of the planner as mediator and interpreter of the public good.

Both professions need to recognise each others’ aims and concerns in order to respond constructively to the challenges that arise. Students who are equipped with a rounded education and training in both professional areas will be able to function effectively and survive radical changes in the course of their professional careers.

Interdisciplinary culture

This course benefits from the close links between the Department of Planning and the Department of Real Estate and Construction, both located in the same building on the Gipsy Lane campus.

Our academic members of staff work closely with each other not only in teaching but also in our overlapping research areas.

The Department of Planning is widely recognised as a leading educator in environment, design and development subjects and is the largest planning department in the country (see page 2 for more).

The Department of Real Estate and Construction has strong and extensive links with the property and construction industry sectors and engages leading industry figures of international standing as visiting professors and lecturers. Many students are sponsored by major property and construction companies.

www.brookes.ac.uk/undergraduate/courses/ppd
**ADMISSION REQUIREMENTS**

GCSE Mathematics and English grade C or above. Please also see the University’s general entry requirements.

**TYPICAL OFFERS**

- A-level grades BBC.
- 2 A-levels at BB/BC plus 1 A-level or 2 AS-levels
- 1 12-unit vocational A-level at BC plus 1 A-level or 2 AS-levels at C
- International Baccalaureate 31 points.
- Advanced Diploma at grade B, including A-level at grade C.

**COURSE MODULES**

**Year 1**

The first year of the course is concerned with the fundamental knowledge and skills required to understand the concepts of Planning and Property Development and how these interrelate.

Students will acquire and apply knowledge of Spatial Planning, Valuation and Commercial Management, Economics, Real Estate and Construction Law and Environmental Studies. In a less specific sense, students will develop the skills required in working and communicating with others.

**YEAR 1 MODULES**

- Economics of Built Environment
- Real Estate and Construction Law *(double module)*
- Introduction to Valuation and Commercial Management
- Introduction to Spatial Planning
- City People and Diversity *(double module)*
- Environmental Sustainability

**Year 2**

The second year is focused principally upon further development of knowledge and skills related to the disciplines. Both law and valuation is provided through modules in Landlord and Tenant Law and Statutory Valuation and a further module, Urban Development Processes and Finance, is provided which links Development and Valuation directly to public sector as well as private sector finance frameworks and disciplines.

A politics module is included in order to set the wider socio-political climate in which planning and property decision making takes place and a further module introducing geographical information systems.

Finally, a double module in Research Data and Design introduces students to the approaches to independent research work including statistical methods, survey design and ethical issues.

**YEAR 2 MODULES**

- Statutory Valuation
- Landlord and Tenant Law *(double module)*
- Urban Development Processes and Finance
- Politics and Planning
- Geographical Information Systems
- Research Design and Data *(double module)*

**Year 3**

In the third year, students will again build on their existing knowledge base from earlier years. The themes of Local Planning and Development Control, Planning Thought, Regional and Strategic Planning, Advanced Valuation and Real Estate Investment are explored.

There is also a requirement for students to draw upon and synthesise their skills and knowledge from the rest of the course in formulating an independent research project in a relevant area that particularly interests them. The techniques employed will draw upon the Research Data and Design module from the second year of the course. For the research project, students will have individual guidance from a supervisor drawn from the Department’s staff chosen on the basis of appropriateness and availability.

**YEAR 3 MODULES**

- Advanced Valuation
- Real Estate Investment
- Local Planning and Development Control *(double module)*
- Urban Design and Development
- Regional and Strategic Planning
- Planning Thought and Practice
- Research Project *(double module)*
- Independent Study in Planning

**YEAR 3 MODULES**

- Advanced Valuation
- Real Estate Investment
- Local Planning and Development Control *(double module)*
- Urban Design and Development
- Regional and Strategic Planning
- Planning Thought and Practice
- Research Project *(double module)*
- Independent Study in Planning
I was originally interested in doing a Geography degree, but then I decided I wanted to do something more vocational to get me directly into a job and so City and Regional Planning offered me a nice balance. I was attracted to Brookes for three main reasons; the flexibility of the course, the emphasis on sustainability and the environment – I also thought Oxford would be a great place to live and I wasn’t disappointed.

Something that was really good was the strong links the University has with Oxfordshire County Council, including opportunities for work placements over the summer. I did one summer in a planning department and another summer in research which offered really good practical experience.

There’s a good mix of teaching styles too, including lectures, seminars and workshops as well as guest speakers, which was great as you got to hear what things were like in practice.

In my view this degree opens the door to a range of jobs in planning and the built environment and there’s a huge variety in the scale of the work involved – local, regional, national and some opportunities to work abroad too.

Oxford is a great city, there’s a huge amount going on. Lots of events, great social scene and the region itself is really nice with little villages within easy reach if you want to escape the city for the day. It’s also really well linked with London and Bristol. You could certainly never get bored in Oxford.
LIVE PROJECTS

Engaging with local communities is one of the many teaching and learning activities in the delivery of design-based modules.

Examples include students working in partnership with the local Regeneration Officer for Rose Hill in Oxford. Students developed design ideas for improving the quality of the main open space in the neighbourhood. The best proposals were published in the local community paper which generated a great deal of debate amongst the residents.

Design-based students also worked together with a group of young people from Blackbird Leys in Oxford to develop design ideas for a new Youth Development Centre. These projects provide evidence that the involvement in real-life projects helps the development of a more critical understanding of both the subject and the skills necessary for their professional development.
CONTACT INFORMATION

Undergraduate applications
For advice about undergraduate applications contact:
query@brookes.ac.uk
+44 (0) 1865 484848

International applications
For advice about international applications contact:
international@brookes.ac.uk

More information
For more information about the Department visit:
www.planning.brookes.ac.uk

Follow us on twitter
@OBUplanning

Find us on YouTube
www.youtube.com/oxfordbrookes

Department of Planning
Oxford Brookes University
Headington Campus
Gipsy Lane
Oxford, UK
OX3 0BP

Oxford Brookes promotes equality of opportunity for all who study, work and visit here. For more details please visit www.brookes.ac.uk/services/hr/eod or phone +44 (0) 1865 485929.

To obtain a large-print copy of this publication or to enquire about other formats please contact +44 (0) 1865 484848 or email query@brookes.ac.uk
REAL ESTATE & CONSTRUCTION

Undergraduate degrees from the Department of Real Estate and Construction

- Built Environment Foundation course
- Real Estate Management BSc (Hons)
- Construction Project Management BA (Hons)
- Quantity Surveying & Commercial Management BSc (Hons)
We aim to give students a firm foundation and prepare them for long-lasting and rewarding careers in the property, construction and related industries. We offer a range of courses at both undergraduate and postgraduate levels developed in collaboration with industry to meet current and future societal needs. We maintain strong links with the professions and our courses are accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

We have developed strong and extensive links with the property and construction industry sectors and engage leading industry figures of international standing as visiting professors and lecturers. Many of our students are sponsored by the major property and construction companies. Our graduates are highly sought after by industry both nationally and internationally. Our undergraduate and postgraduate programmes are consistently ranked as excellent in both student surveys and independent quality assessments.

Employment prospects

The Department of Real Estate and Construction has an outstanding employment record for its graduates. Local and national construction companies, developers, project managers, house-builders, surveyors and housing associations regularly recruit our graduates. Many of these companies visit the department annually to meet and interview students for both placement and graduate positions.

Our graduates are recognised as having an excellent level of communication, presentation and problem-solving skills as well as practical experience from their industrial placement year. Our construction courses are custom designed for students wishing to enter the world of professional practice with the skills they need to hit the ground running.
BUILT ENVIRONMENT FOUNDATION

If you don't meet our formal entry requirements, or if you didn't do as well at A-level as you had expected, there is no need to give up hope. This Foundation programme could be just what you are looking for, as successful completion will guarantee you a place on one of the related degree courses in the Faculty.

Equally, if you want to return to study after working for a while, but lack confidence, this programme is designed to bring you up to speed. If you are an overseas student, or if your first language is not English, you will also find this programme ideally suited to your needs as it will introduce you to our way of learning. In addition, you will find an excellent range of English language courses on offer at Brookes.

Whatever your background, the Foundation programme will give you a good introduction to university life, widen your horizons and open up a host of exciting career and life opportunities.

Qualifications

We are looking for students who show they have the potential to benefit from a university education. Your personal statement is your chance to convince us of your enthusiasm for study. Showing us that you have a passion and commitment to embark on degree-level study is taken in conjunction with your existing qualifications. You should also indicate which degree you hope to progress onto.

You will need at least one (preferably two) A-level at D or above grade and in any subject, or a BTEC qualification or vocational A-level, plus GCSE Maths and English at grade C. If you are unsure whether you have the qualifications to start, contact us for a chat.

Progression to a BA or BSc

Successful completion of the Foundation course can lead you on to one of the related degree courses in the Faculty.

Our courses include:
- Architecture BA
- City and Regional Planning BA
- Construction Project Management BSc
- Interior Architecture BA
- Quantity Surveying and Commercial Management BSc
- Real Estate Management BSc.

All of the courses will have specific progression rules which will be highlighted to you during your induction programme. We will also provide you with advice and guidance on how you can meet the progression rules.

Why choose Oxford Brookes?

When asked what they value about their Brookes experience, most students are agreed on one thing – the quality of our staff. They help us to deliver courses that are centred around the needs of our students.

You will find that our staff will be on your side from the start and prepared to work with you to bring out the best in you. Our aim is to prepare you thoroughly for undergraduate study.

While studying varying aspects of the built environment, you will also be able to gain a wide range of skills, including communication skills, such as writing, group working, and the ability to make presentations, and learning how to use computers and access library facilities. Academic staff from our School of Architecture, Department of Planning and Department of Real Estate and Construction will all take an active role in ensuring the Foundation programme brings out the best in you.
CONSTRUCTION HONOURS DEGREES

Accredited by the Royal Institution of Chartered Surveyors (RICS) and Chartered Institute of Building (CIOB) for part-time/sandwich modes of study.

As building design has become more daring and processes more novel, demands have grown to cut energy consumption and avoid environmental impact. Projects include dramatic new buildings, refurbishment and conservation, urban regeneration, industrial, commercial retail, leisure industry developments and many more.

Links with industry

Our construction courses encourage students’ intellectual and personal development by providing them with a body of knowledge and industrial experience that will prepare graduates for a professional career in the construction industry. Through the industrial placements programme the courses have strong links with a variety of construction-based companies in addition to their professional accreditation. Every year we host a careers fair attended by major employers who want to encourage Brookes’ students to submit applications.

Sponsorship

Leadbitter Construction, based in Oxfordshire, offers a £6,140 sponsorship each year to a second-year student from each course and many companies employing students on placement offer sponsorship for the final year.
COURSES CONTENTS

Due to the courses having similar professional competency requirements and learning outcomes, the students of both construction courses study the same choice of modules in years one and two. In the final year of study (normally after a year of industrial experience) there will be a different choice of modules for each course.

The benefit of sharing the same modules until the final year of study is that students will be able to defer the decision on which course to graduate in until they have completed their third year Industrial Placement and are able to make a more informed decision about their future career progression.

As courses are reviewed regularly, the module list you choose from may vary from those shown in this brochure.

Year 1

You will acquire the fundamental knowledge required to understand the process of construction management. You will learn about building construction, materials, law, economics and processes, and how they are managed, while developing team working skills.

Lectures play a significant part in the teaching, together with demonstrations, small group tutorials, practical work, role plays, simulations, problem-solving exercises, and group and individual presentations.

Assessment methods for the modules vary and can include combinations of coursework assignments, laboratory and field practicals, class and web-based tests, oral presentations, group work and examinations.

Year 2

Technology studies will prepare you for your year in industry and include the processes of production, the provision of services and the principles and procedures of building design and construction.

Management modules cover analytical and quantitative techniques associated with planning, organisation and costs. There are also modules on construction law and contracts, practices and procedures. Integrative project modules provide an opportunity for you to practise and develop your skills through a series of simulated construction projects.

There is a European field trip aimed at broadening your understanding of construction design and management outside the UK.

YEAR 1 MODULES
- Introduction to Building Design and Construction
- Introduction to Construction and Property Management
- Integrative Project 1
- Economics of the Built Environment
- Foundation Real Estate and Construction Law
- Introduction to Valuation and Commercial Management
- Introduction to Spatial Planning

YEAR 2 MODULES
- Construction Practice and Procedure
- Quantity Surveying Practice
- Construction Technology
- Building Science and Environmental Systems
- Construction Procurement and Law
- Integrative Project 2
- Construction CIT

www.brookes.ac.uk/undergraduate/courses/construct    www.brookes.ac.uk/undergraduate/courses/quantity
Year 3 (work placement)
Students gain real-life experience through a work placement in the construction industry for a minimum of 36 weeks. The course has strong links with a variety of construction-based employers ranging from local housebuilders to international construction companies. Work experience offered to students ranges from managing the restoration of a country manor house to the project management of a multi-million pound city office development. Some students undertake their industrial placement year abroad.

Year 4
Independent learning and research are an important part of the course and you will complete a supervised dissertation on an approved construction or commercial-management subject of your choice.

EMPLOYER TESTIMONIALS

I think that students are very individual and can bring a lot of their personalities and skills to a company. However the solid grounding in the subject is delivered well through Brookes and it is why we have chosen it as one of the few universities that we take students from owing to the strength of the course.

Danielle Jackson, HR Officer, Bouyges UK

Having a recognised, top university associated with us is the value of our involvement with Brookes. By using Oxford Brookes University we are ensuring a high calibre of students are placed with us.

Izzy White, HR Advisor, Laing O’Rourke

YEAR 4 MODULES
- Innovation in Management and Technology
- Advanced Procurement and Dispute Management
- Facilities Management
- Languages modules

Compulsory modules for students on the Construction Project Management route:
- Project Management
- Construction Management Dissertation
- Project Development Feasibility

Compulsory modules for students on the Quantity Surveying and Commercial Management route:
- Project Financial Control
- Commercial Management Dissertation
- Financial Appraisal

ADMISSION REQUIREMENTS
GCSE Mathematics grade C or above.
Please also see the University’s general entry requirements.

TYPICAL OFFERS
- A-level grades BBC
- 2 A-levels plus 2 AS-level equivalent
- 1 12-unit vocational A-level (any programme) plus 1 A-level or 2 AS-levels
- BTEC national diploma DMM
- International Baccalaureate minimum 31 points
- Advanced Diploma at grade B, including A-level at grade B.

www.brookes.ac.uk/undergraduate/courses/construct www.brookes.ac.uk/undergraduate/courses/build
Before you came to Brookes what did you study and where?

Before coming to Brookes I studied for my A-levels (History, Geography, Applied Business, and General Studies) at King Alfred’s 6th Form in Oxfordshire.

What made you choose Brookes as a place to study?

I chose Brookes because of the smaller group size of the course compared to many of the other universities I visited. Also, I liked the idea of the compulsory work placement year as it would give me a better opportunity for finding work at the end of the degree. Also, a city like Oxford is perfect for enhancing my degree with the historical and modern architecture and the various building and restoration projects that are going on around Oxfordshire.

What do you think of the course now you’re here?

The course has been much more intense than I had originally thought, with a lot of hard work and study involved. I have still thoroughly enjoyed it and can’t wait to start the next year. This has been helped by supportive staff and a close-knit group of friends I have made on the course that have helped me with coursework and we have all encouraged each other to do well and get the work finished.

What are your plans for when you’ve completed your course, for work or further study?

After completing the course I plan to seek employment within a large construction firm. Hopefully this will be within the company where I do my placement year. If not, the experience I gain will put me above others when finding employment within another company. Then within this company I plan to become fully qualified and work my way up through the company.

What are the best bits of studying at Brookes?

Studying at Brookes gives me a first class education and hands-on approach to the construction industry. Many of the tutors have worked or still work in the industry so have first-hand experience and knowledge of the industry that is passed directly on to us. Also the facilities and archives available in the library are broad. The tutors are happy to help with problems and get them resolved quickly and will go out of their way to do so if need be.

What advice do you have for others?

Work hard but have fun and don’t give up! This is an intensive course but also very rewarding, don’t expect an easy ride because it isn’t, work hard and go to lectures and the first year will be over before you know it.
REAL ESTATE MANAGEMENT BSc (Hons)

Meets the academic requirements for membership of the Royal Institution of Chartered Surveyors (RICS)

Property is one of the most dynamic sectors in the UK and abroad. Real estate managers are concerned with all aspects of land and property, how land is acquired and developed, as well as how it is managed and conserved. Large amounts of money are tied up in the property sector and it attracts major investment. Estate management is a challenging area of work which requires a broad education and range of skills: you need to have expertise in law and economics, as well as planning and valuation.

Our course aims to equip you with the skills to work in this profession at the highest level. The rewards can be great, bringing high salaries and excellent prospects. It will also open up new areas you might not have thought about, such as the preservation of historic buildings or pioneering sustainable development.

This vocational course will prepare you thoroughly for a professional career. We have strong links with the property industry, and complement our academic teaching with input from practising professionals. It has been rated as the second best course of its kind in the country, bettered only by Cambridge.

It’s our aim to take you out of the classroom as much as possible to give you a real taste of what the profession is all about.

Throughout the three-year course, you will be looking at local development sites in and around Oxford, carrying out valuation exercises and making commercial decisions based on what you have learnt in the classroom. We create mock public enquiries, set up debates over current planning issues and give you maximum opportunity to research a topic that interests you in your final year. You will be asked to research case studies, prepare reports, make presentations and devise computer simulations. The course covers cutting-edge topics such as sustainable building. Our flexible course structure also gives you the opportunity to take language modules in addition to subject modules.

Year 1

During the first year you will be introduced to the wide range of core disciplines which underpin successful property management including building, planning, law, economics, information technology and management. We have excellent computing facilities and the growing importance of IT in the sector is reflected in our teaching.

Year 2

During your second and third years you will go on to examine real estate management in more depth by focusing on property investment, property development and property management. In both your first and second years, you will take a four week integrative module using all the various skills you have gained in a practical project. For example, you may carry out your own survey of a real site, exploring the possibilities for urban regeneration or the development of a new shopping complex.

Year 3

A special feature of the course is the unique professional practice module in your third year. Students spend a week away from Oxford, in a major city such as Manchester or Liverpool, applying what they have learned in the classroom to a real-life situation. This includes studying the property market in the chosen city and attending presentations by local developers. Students then make their own evaluation of a particular piece of property or land.

After you graduate

You will find job opportunities when you graduate, both at home and abroad. Your skills will be sought by leading firms of chartered surveyors and property developers such as Jones Lang Lasalle, King Sturge, GVA Grimley, and Knight Frank. Although most of our graduates go on to work in the property industry, the course also provides a solid foundation for careers in related areas, such as investment, housing, the public sector or management. You will also be prepared for work with a major property owner, such as a government organisation, university, hospital, or a charity such as the National Trust.

Accreditation and professional recognition

Graduates on our real estate degree programme qualify for exemption from the educational requirements of membership of The Royal Institution of Chartered Surveyors (RICS). The majority of our graduates go into a surveying practice and, after a minimum of two years, become eligible for membership by passing the RICS Assessment of Professional Competence, to become recognised as practising chartered surveyors.

www.brookes.ac.uk/undergraduate/courses/rem
ADMISSION REQUIREMENTS

GCSE Mathematics and English grade C or above. Please also see the University's general entry requirements.

Applicants will be required to attend an interview (usually between December and mid-March) before an offer is made. Offers and the level of offers are dependent on performance at interview and may be higher or lower than the typical offer.

TYPICAL OFFERS

- A-level grades ABB
- 2 A-levels plus 2 AS-level equivalent
- Advanced Diploma at grade B, including A-level at grade A
- International Baccalaureate minimum 33 points.

YEAR 1 MODULES

- Introduction to Building Design and Construction
- Economics of the Built Environment
- Foundation Real Estate and Construction Law (double module)
- Introduction to Construction and Property Management
- Introduction to Spatial Planning
- Introduction to Valuation and Commercial Management
- Integrative Project I

YEAR 2 AND 3 MODULES

- The Construction and Appraisal of Real Estate
- Real Estate Economics and Finance
- Statutory Valuation
- Land Law and Landlord and Tenant Law (double module)
- Town Planning Practice
- Integrative Project II
- Research Methods
- Property and Corporate Management (double module)
- Advanced Valuation
- Real Estate Investment
- Commercial and Residential Development
- Integrative Project III (Professional Practice Test)
- Dissertation (double module)
AN INTERVIEW WITH MATTHEW SWASH

BSc (Hons) Real Estate Management 2008 to 2011 (Full-time)

What made you choose Brookes as a place to study?
The course at Brookes was rated as one of the best places in the country to do Real Estate Management and is highly regarded by employers. In addition, the standard of teaching was rated as excellent, and these were the main reasons why I chose Brookes.

What are your plans for when you've completed your course, for work or further study?
Once I have completed my course, I hope to undertake the APC qualification in a bid to join the Royal Institution of Chartered Surveyors and become a professional in this area. Alternatively, I may undertake a Master’s degree if I feel it necessary.

What are the best bits of studying at Brookes?
The best bits about studying at Brookes are the excellent resources available to us, the ability to easily liaise with staff, and that my course is challenging, yet still enjoyable.

What do you think of the course now you’re here?
I believe the course at Brookes is excellent due to the wide range of topics it covers and the relevance it has in the working world. I found that when undertaking work experience, I was able to apply many skills I had learnt at university in differing departments, and this really helped me excel whilst in this environment.

AN INTERVIEW WITH TEH TZUN TZIN

BSc (Hons) Real Estate Management Alumnus

What made you choose Brookes as a place to study?
It is top rated for real estate in the UK.

What do you think of the course now you’re here?
The course has been fantastic, excellent lecturers and the course structure has been made to equip students with the necessary skills.

What are your plans for when you’ve completed your course, for work or further study?
I have been blessed with an internship with DTZ and will be continuing my studies with a postgraduate degree in MSc Real Estate Investment.

What are the best bits of studying at Brookes?
Excellent contacts and friends that you would make throughout the undergraduate studies.

What advice do you have for others?
Stay focused, work hard and at the same time reward yourself by playing hard.

For more student profiles visit: www.rec.brookes.ac.uk/students
INVALUABLE INDUSTRY NETWORKING OPPORTUNITIES

Our industry careers fair provides invaluable opportunities to network with leading real estate and construction companies.

Having a relationship with Oxford Brookes helps us to promote our company to the up-and-coming life blood of the construction industry. Such a relationship of give and take, placement and promotion, helps us to source our management for the future.

Charlie Barbara, Assistant Site Manager, Countryside Properties

The undergraduate and master’s courses run by Oxford Brookes University deliver candidates who show an in-depth technical knowledge of property coupled with an appreciation of how property fits into the wider business environment. This is a result of the unique combination of theory and practical experience they get whilst on the courses, which is aimed at capturing and enhancing these skills to the maximum.

Louise Saunders, Recruitment Manager, Knight Frank LLP

Real Estate and Construction companies who have attended careers fairs in the past include:
- Al-Futtaim Carillion
- Allsop LLP
- Balfour Beatty
- Berkeley Homes
- Bluestone
- BNP Paribas Real Estate
- Bouygues UK
- British Research Establishment
- Buckingham Group Contracting Limited (BGCL)
- Buro-Four
- British Research Establishment
- CB Richard Ellis
- Cluttons LLP
- Countryside Properties
- Croudace
- Cushman and Wakefield
- DZT
- Fitzpatrick
- Gardiner & Theobald
- Gerald Eve
- GVA Grimley LLP
- HBG Construction
- ISG Pearce Ltd
- Jones Lang LaSalle
- King Sturge LLP
- Kier Construction
- Killby & Gayford Ltd
- Kingerlee
- Laing O’Rourke
- Leadbitter Construction
- Mace
- Morgan Ashurst
- Morgan Sindall
- NB Real Estate Ltd
- Oakwood Builders
- PAYE Historic Facades
- Sir Robert McAlpine
- Savills
- Smiths Gore
- Taylor Woodrow

Careers fairs

Careers fairs provide a great opportunity to meet employers, obtain information about the job market and pursue career opportunities.

Every year the Department hosts a careers fair attended by companies seeking to recruit our graduates. This is a valuable opportunity for students, especially in the construction project management or real estate management fields, since companies in these industries are always well represented.
CONTACT INFORMATION

Undergraduate applications
For advice about undergraduate applications contact:
query@brookes.ac.uk
+44 (0) 1865 484848

International applications
For advice about international applications contact:
international@brookes.ac.uk

More information
For more information about the Department visit:
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