

Application and Admissions

How to Apply

Applications for our courses must be made through UCAS (Universities and Colleges Admissions Service). You can apply from the 1st September for entry in the following September. Your school or college will be registered with UCAS and therefore will be able to advise you regarding the application practices and procedures. The standard application process is that you fill out an online application form and then submit this to one of your teachers. Your teacher will then check through your details and fill out the reference section, the school/college will then submit the completed application online to UCAS.

If you are not currently at school or college, or have difficulty obtaining relevant literature, UCAS can be contacted at the address below. You are responsible for paying the full application fee and for obtaining the academic reference before submitting your form online. As you will not be able to rely on advice from teachers or careers advisers, you may want to consult with the School of Computing, Informatics and Media Recruitment Office who would be happy to guide you through the applications process. Please

telephone **01274 235963** for further information.

If you are applying from outside the UK (EU and worldwide), advice can be sought from the British Council Offices and other overseas advice centres. Please telephone the University of Bradford's International Office to find out information about where your nearest centre is.

Please refer to the website www.bradford.ac.uk/international/ or Tel: **+44 1274 235954** Fax: **+44 1274 235953** Email: international-office@bradford.ac.uk

Further Information

UCAS Application requests
Rosehill
New Barn Lane
Cheltenham
Gloucestershire
GL52 3LZ
Tel: **0871 468 0468**
Email: enquiries@ucas.ac.uk
Website: www.ucas.com

Application materials can also be requested online via the UCAS website (www.ucas.com).

The UCAS code for Bradford is **BRADF B56**
all the course codes are given separately on each course page.

For further information regarding admissions and the application process please telephone the Informatics Recruitment Office on **01274 235963**, email: ugadmissions@scim.brad.ac.uk or visit www.scim.brad.ac.uk

Students with Disabilities

The University of Bradford has always encouraged applications

from students with disabilities, whose applications are considered on the same academic grounds as all other candidates. If you have any concerns you may contact the Recruitment and Marketing Manager before you apply, to discuss any special needs you may have. If you indicate a disability on your UCAS form, you will be invited to discuss your particular requirements with

the University's Disability Service, and will receive information about our facilities and on the Disabled Students' Allowance (DSA). For more information, help or advice, please contact the Disability Service.

Tel: **01274 233739**
Minicom: **01274 235094**
Fax: **01274 235340**
Email: disabilities@bradford.ac.uk

Point Scores						
BTEC Nationals			Points	GCE/VCE		
Award	Certificate	Diploma		AS Level	A Level	AVCE
D	DD	DDD	360	A B C D	A B C D E	AA AB BB BC CC CD DD DE EE
		DDM	320			
		DMM	280			
		MMM	240			
			220			
	DM	MMP	200			
			180			
		MM	160			
			140			
		MP	120			
M	PP		100			
			80			
			60			
			50			
			40			
P			30			
			20			

Entry Requirements

Bradford Media School and the Department of Creative Technology courses – BSc **260 points**, BA **240 points**
Department of Computing and the Department of Mathematics – BSc/BEng **240 points**
Foundation Degrees – **120 UCAS Tariff points** and normally we are looking for applicants who have significant relevant work experience. See individual course pages for full details

Application and Admissions

www.scim.brad.ac.uk

Entry Requirements

Bradford Media School and the Department of Creative Technology BSc 260 points [e.g. B,C,C or D,M,M from BTEC National

Diploma] including 160 points from two GCE A levels, two 6-unit VCE A levels or one VCE Double Award in relevant subjects. We have no specific subject requirements at GCE A level, though subjects

involving numeracy, art or design may be an advantage. Relevant VCEs are acceptable. AS or A-level General Studies points as well as Key Skills (Level 3) may also be included in your points total. We also require Mathematics and English GCSE at least at C grade.

BA 240 points [e.g. C,C,C or M,M,M from BTEC National Diploma] including 160 points from two GCE A levels, two 6-unit VCE A levels or one VCE Double Award in relevant subjects. We have no specific subject requirements at GCE A level, though subjects involving numeracy, art or design may be an advantage. Relevant VCEs are acceptable. AS or A-level General Studies points as well as Key Skills (Level 3) may also be included in your points total. We also require Mathematics and English GCSE at least at C grade.

If applicants have a strong portfolio, we encourage you to mention this in your personal statements – in some cases we can make a reduced offer based on the standard of the portfolio.

The Department of Computing and Department of Mathematics BSc/BEng 240 points [e.g. C,C,C in A levels or M,M,M from BTEC National Diploma] including 160

points from two GCE A levels, two 6-unit VCE A levels or one VCE Double Award in relevant subjects. If you are taking GCE A levels it is desirable, although not essential, that you undertake study at GCE A-level standard in related subjects such as computing, ICT, Mathematics or other science subjects. However, please note that for **Computational Mathematics** we **do** require A-level Mathematics. AS or A-level General Studies points as well as Key Skills (Level 3) may also be included in your points total. We also require Mathematics and English GCSE at least at C grade.

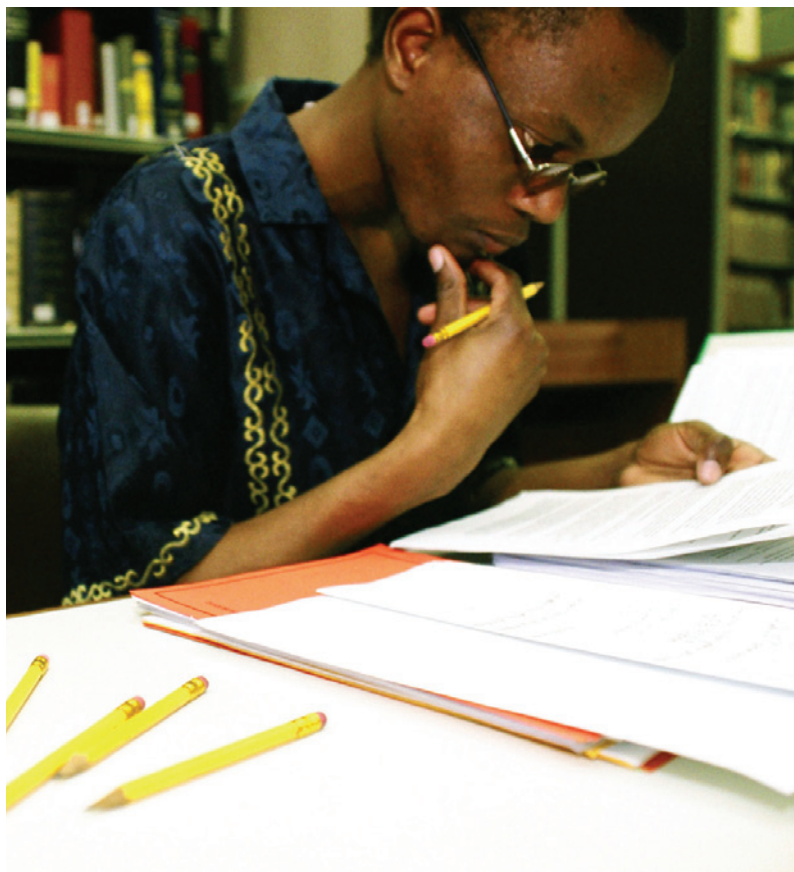
Other Qualifications

We also accept a range of other qualifications such as the International Baccalaureate. We will also consider applicants with other qualifications (for example, Access course or a Foundation Course in Art and Design or Computing) on their individual merits. Many European and overseas qualifications are also acceptable. If your first language is other than English, a good score in a recognised English language qualification (such as IELTS at minimum of 6, or TOEFL computer-based test minimum 220) is essential.

We welcome applications from mature candidates with practical experience, and we are keen to recruit from social groups who have not fully participated in higher education in the past. We accept a range of Access courses. If in doubt, please email or send us full details of your qualifications before making a formal application. Higher National Diplomas/Certificates are recognised for possible entry to Year 2, please contact the Recruitment and Marketing Manager for further information on **01274 235963**.

Open Days

Our initial selection is made on the basis of the information contained on your UCAS form. If we make you an offer, we will invite you to attend one of our Applicant Visit Days, several of which are organised between December and April each academic year. If you want to visit the University before you decide to apply, you can attend one of the University's Open Days. Call the Informatics Recruitment Office on **01274 235963** or email ugadmissions@scim.brad.ac.uk for the next available dates.



New Route, The Bradford Way: Part Time Courses

www.scim.brad.ac.uk

Some of the undergraduate courses offered by the School are also available as part time courses via the 'New Route, The Bradford Way' programme.

With 'New Route', the study hours are longer than most part-time courses but shorter than full-time so you can gain your qualification in a timeframe that suits you, normally in 4 ½ years. You study the same curriculum as the full-time pathways and because study sessions take place during the day, you can still enjoy the full University experience. However, studying on a part-time basis could allow you to combine study with part-time work or fit study around family responsibilities.

Courses Available

Currently, the following courses are available via the 'New Route' programme:

- BA Computer Animation
- BSc Computer Animation and Special Effects
- BSc Computer Science
- BSc Digital Media
- BA Graphics for Games

- BSc Interactive Systems and Video Games Design

- BA Media Studies

Details about the above courses can be found on their dedicated pages within this booklet.

How to Apply

New Route applications are made directly to the University, rather than through UCAS. Details of how to apply can be found online at: www.brad.ac.uk/new-route/apply-now/ or contact our admissions office on **0800 073 1225**.

Please note: Due to restrictions regarding visa regulations, these courses are only available to Home or EU students who do not require a visa to study in the UK.

Entry Requirements

Offers are made following detailed consideration of each individual application. Entry requirements for the courses are outlined in full on Applications and Admissions page of this booklet. However, please note that a requirement for all the courses is that students must have a minimum of a Grade C in GCSE English Language or equivalent qualification.



Welcome from the Dean of the School of Computing, Informatics and Media

The School of Computing, Informatics and Media has a long history of being at the forefront of new developments in the fields of computing and media, and at the interface of these two convergent areas. The definition of 'Informatics' relates to the study of information, and we use this definition in its widest sense: our activities and courses cover areas as diverse as Computational Mathematics and Media Studies. What underpins all these activities is the belief that information, its creation, processing, transmission and interpretation, is at the heart of everything that we do, from the development of the latest piece of software to the production of the next Hollywood movie.

This belief is based on our track record. We were one of the first universities in the UK to offer degrees in computing and are the only university to deliver degree programmes in collaboration with the National Media Museum. A pioneering spirit that is echoed by the City as Bradford has just become the world's first UNESCO City of Film. We are engaged in exciting and forward-looking programmes of teaching, research, and links with industry - at a local, national and international level.

Our motto is "creative innovation" at all levels of our activity - from the design of new courses to their implementation and delivery, through to our research and our links with professional bodies and industry. We have a number of stimulating opportunities for school-leavers, mature and part-time students in a range of subjects. If you're interested in computer science, artificial intelligence, computer games, animation, special effects, digital media, television, or media or information technology of any kind, I'm sure we have the right course for you.

The School continues to develop innovative new interdisciplinary courses to meet the needs of industry. Recent examples include a new Foundation Degree in Digital and Creative Enterprise and a BSc Computer Science for Games, both of which build on our existing strengths but move us into new and exciting areas. The Foundation Degree gives you the chance to develop your skills and knowledge of digital media whilst gaining experience of working in a professional setting. The Computer Science for Games degree has been developed for the student to learn about and appreciate the role of

each member of a multidisciplinary computer games design team, and the 'big picture' of game development. Please check our website at www.scim.brad.ac.uk for the latest information.

The inclusion of computing expertise alongside creative aspects of media production gives us tools and expertise to help shape tomorrow's digital future. You can read our Mission Statement at www.inf.brad.ac.uk/home/mission.php

To support this mission, the School is well equipped with IT and media facilities and offers mobile and wireless networking for staff and students. We are fully committed to the University's developing e-strategy - to ensure that communication is facilitated to enhance the student learning experience, and that student support services are flexible and agile. I hope that the information on these pages reflects this vision and will motivate you to learn more about us with a view to participating in our programmes - whether as a student, a member of staff, or industry collaborator or sponsor. If you have opportunity to visit us in person, you are assured of a warm welcome at our Open Days or Applicant Visit Days, or at other times.



The University of Bradford

www.scim.brad.ac.uk

Ranked No1 for Graduate Employment in Yorkshire*, with a history spanning the last century, the University of Bradford's values are built on firm foundations with the strong ethos of 'Making Knowledge Work™'

* Times Good University Guide 2009



The University is constantly investing in the future of its students through world-class teaching and facilities.

Strong roots

Back in 1966, when England were winning the World Cup, Bradford Institute of Technology became the University of Bradford and Harold Wilson, the long-serving British Prime Minister, became our first Chancellor. Over 40 years on and the University has moved from strength to strength.

1882: The University started out as Bradford Technical College. Bradford was the textile capital of the world, its renowned products reaching the four corners of the globe

1966: The University was granted its Royal Charter which makes it one of the 'old' universities

2005: In April 2005, Imran Khan was appointed as Chancellor of the University of Bradford succeeding Baroness Betty Lockwood on her retirement

2006: The University celebrated its 40th Anniversary and the opening of a grand new front to the campus; the vibrant Atrium in the Richmond Building, a magnificent student space

Library and Computer Centre

The Library and Computer Centre are based together in the J B Priestley building, just a few minutes' walk from all the city campus buildings. The Library houses around 600,000 volumes, over 1,100 printed periodical titles and over 7,000 electronic journals. The library system is accessible online 365 days a year, 24 hours a day.

The Computer Centre offers a host of IT facilities and has been highly praised for the internet access it offers: the *Student Book Universities Guide* found the University of Bradford one of the best in the UK at getting students online.

The University has recently extended wireless access to all its major

buildings. There is an attractive laptop rental scheme for students, with plenty of cheap and useful software.

The University's high-speed Broadband network extends to every bedroom in University-owned halls of residence, giving students **free** access to the internet as well as campus and library services.

Accommodation

A place in University accommodation is available for all first-year students who need it. This will mean your own single study-bedroom, in a self-catering hall. You can download further information about accommodation from www.bradford.ac.uk/accommodation

In subsequent years most students choose to live in furnished houses, flats or bed-sitters in the city. Student accommodation is cheaper, easier to find and more conveniently located in Bradford than in most other university cities. Many

students live within five minutes of their lectures! For details of privately rented accommodation contact the Unipol Accommodation Bureau ([visit www.unipol.org.uk/bradford](http://www.unipol.org.uk/bradford)).

Facilities

Most departments are on the city campus, as is the sports centre, Students' Union, Theatre, Music Centre and Art Gallery, and student accommodation. The Students' Union runs over 80 clubs and societies, and has a shop on campus, and a print shop. The newly refurbished 'Unique: Fitness & Lifestyle' has a 25-metre swimming pool, climbing wall, and a new gym with the very latest in fitness equipment. You can enjoy cafe bars around the campus, offering a range of facilities including food, hot and cold drinks, pool tables, video games, and a big screen TV. The University has recently brought the full range of student support services together into one area in the Richmond Building, known as The Hub.

City of Bradford

www.scim.brad.ac.uk



Friendly and familiar but with a thriving urban centre, Bradford is the city that has it all.

The cosmopolitan mix, booming social scene and host of thriving cultural venues create a vibrant modern atmosphere that sits perfectly alongside the imposing architecture of the nineteenth century. Bradford is set amongst some of the most beautiful countryside in England. At the same time it is one of the most affordable places to live. Bradford lies right in the middle of the country, with easy links by road, rail and air north to Scotland, west to Manchester and Liverpool, east to Leeds and York and south to London.

The University campus is situated in the heart of the city's 'west end' – with many new pubs, clubs and restaurants within a few minutes' walk from the halls of residence. Bradford can also offer a thriving cultural scene, including the National Media Museum, with its huge IMAX screen, as well as galleries, theatres and museums of art, crafts and technology. Further information of all that is on offer in Bradford can be found on the Web at www.visitbradford.com, and at www.bradford.ac.uk/bradford.



Alhambra Theatre and Yorkshire Dales

Eating Out

As every student will soon discover Bradford has earned the right to be famous for its curries. There are over 20 curry houses within five minutes' walk of the campus, where you can find a good meal for around £5. There are many other inexpensive restaurants, shops and supermarkets nearby, as well as the excellent value markets, specialist shops and chain stores in the city centre.

Sport

Local sporting clubs are always keen to welcome student members, not forgetting the University's own range of sporting teams and activities. If you enjoy watching rather than participating, there's football at Bradford City and Super League rugby with Bradford Bulls.

Spectacular Surroundings

Bradford is surrounded by some of the most spectacular and picturesque countryside anywhere in the country. The Pennines, Yorkshire Moors, Yorkshire Dales, Lake District and Derbyshire Peak District are all within easy travelling distance.

You can take advantage of the host of outdoor sporting activities available in the area or just enjoy the peace and quiet.

Employment, Placements and Further Study

www.scim.brad.ac.uk

Once you have graduated from the School of Computing, Informatics and Media, you will need to decide whether to take the leap into professional life and find yourself a job or to continue your studies onto postgraduate level. Hopefully the information presented over this page will help you to make that decision.

The University of Bradford is ranked by *The Times* as No1 for Graduate Employment in Yorkshire*. *The Times' Good University Guide* distinguishes between those who are in 'graduate-type' jobs from those who are not. In other words, the figures only include students who are working in positions that require, or expect, degrees based on the average level of qualifications held by employees in those occupations.

The sectors that our graduates are seeking careers in are strong, with national employment rates for our Bradford Media School graduates and our Department of Creative Technology graduates at 74.5% and IT/Computing graduates 75% in 2008, six months after graduating.**

Overall, 75% of our 2008 graduates in the School of Computing, Informatics and Media found employment, or went on to further study, within six months of graduating.

Our degree programmes are highly focused on equipping you for employment, with many of our courses leading to professional accreditation. Around a quarter of our students are on 'sandwich' courses, which involves a significant period of their studies spent on industrial placements. Our continued high ranking for graduate employment also owes a great deal to our award-winning careers service whose hard work ensures students are supported both during and after their degrees. We also have initiatives to support graduates who might want to set up their own small businesses or work as freelancers.

With a long history of giving graduates the skills and knowledge they need to be successful in their careers, the University's values are built on the strong ethos of 'Making Knowledge Work'.

Placements and Work Experience

All of the degree programmes in the School of Computing, Informatics and Media are available either as three-year continuous courses or four-year sandwich courses, with a year in paid employment between the second and final years. This allows you to apply the skills that you have learnt in the School to a commercial organisation. This practical training gives you a fresh insight into your academic work, and it often helps with career opportunities after graduation. On successful completion of your placement year you will be awarded a Diploma of Industrial Studies. We get lots of information from employers about possible placements, and we provide help and support, but it's up to you to actually apply for and get the job.

The School has excellent links with leading companies, and we are currently working on research and consultancy with *Lucent Technologies, Siemens, Ericsson, Cable and Wireless, Marconi, ECI Telematics* and *Nortel*. Through our Associate Dean (Employer Engagement), we are also involved with a number of multimedia, e-business, games, media

production and telecoms initiatives, increasing our network of contacts with industry and opportunities for students.

The placement is integrated into the course by being designed to develop your self-motivation, report writing, presentation, interpersonal and professional skills, as well as gaining work experience. Your interpersonal and professional skills are enhanced by exposing you to the professional working environment under the supervision and guidance of your line manager and/or mentor. The line manager is responsible for 50% of your assessment. The other skills are taught in the Department prior to the placement and assessed by the Placements Tutor who also supervises you during the year. The assessment for the other 50% is based on monthly diaries, submission of a final report and a presentation to fellow students during the final year. Students are monitored by email, the monthly diary, a six-monthly questionnaire to both student and supervisor, and a visit to the placement at the end of the year. Any problems are addressed immediately by the Placements Tutor in consultation with you and your line manager. Currently about a third of computing students choose to

take a placement - it is a useful way to broaden your practical experience and to get some idea about the sort of career you might wish to follow, as well as earning some money!

In areas of media production, animation and games, placements have always been much harder to come by, and so we ensure that you also have an opportunity to experience industrial working practices in final-year project work under supervision from media professionals. From time to time you can also have the opportunity to work on live briefs from real clients or to work on in-house media productions. We will also support those of you who want to take up part-time work within the growing media industry in and around Bradford or who want to volunteer in the various local community media organisations such as *RamAir* or *Bradford Community Broadcasting*.

* The Times Good University Guide 2009

** www.prospects.ac.uk

Employment, Placements and Further Study

www.scim.brad.ac.uk

Postgraduate Courses

School of Computing, Informatics and Media undergraduates are eligible for a 10% discount off their postgraduate tuition fees.

The programmes of study on our Master's courses aim to enable you to develop advanced-level knowledge, skills and understanding within your chosen field of study, in order to equip you to become a well-qualified professional in existing and emerging technologies. A Master's degree can also enhance your earning potential and help to accelerate your career.

Our Master's courses also provide the opportunity for you to apply specialist skills and knowledge across specific areas of study, and to demonstrate critical judgement, research ability and proficiency in project management.

The **MA/MSc in Advanced Computer Animation and Special Effects** builds on the knowledge and skills gained within our undergraduate programmes in animation and effects and those from similar degrees.

The **MA/MSc in Computer Animation and Special Effects** is designed for students graduating from related disciplines within 'arts' or 'computing' based subjects.

The **MSc in Visual Computing** aims to equip you with state-of-the-art technologies in the fields of image processing, computer vision and graphics and their different real-life applications

MSc in Artificial Intelligence (AI) for Games is about the techniques needed to create artificial game-playing agents and non-player characters. Students will learn advanced techniques in Artificial Intelligence.

The **MA in Digital Arts and Media** programme is specifically designed for students intending to expand their creativity and critical awareness in the area of Digital Arts and Media at an advanced level.

MA in Digital Cinema is an innovative course which will engage students in the production of digital cinema utilising the exciting convergence of film, video, photography, digital technologies and mobile communications.

Our **MA in Media Studies** course enables you to study the media from a range of cultural, social, political and philosophical perspectives. A particular emphasis is placed on how new technology is transforming media production and consumption.

The **MSc in Mobile Applications** course aims to train graduates to develop applications for the new generations of mobile and ubiquitous systems.

MSc in Internet, Computer and System Security was launched in September 2004, meeting the needs for advanced study in this area.

MSc in Networks and Performance Engineering (was Computing and Performance Engineering) was the first of its kind anywhere in the world.

Our new **MSc in IResearch** degrees are an initiative from the School of Computing, Informatics and Media which allows students to obtain the qualification of MSc using a combination of taught modules and a substantial research-based project.

The Department of Computing's **MSc in Computing** (conversion) course was established over 40 years ago and has built a deserved reputation with industry and government bodies for providing excellent graduates.

Our new **MSc in Advanced Computer Science** provides students who already possess a degree in computer science with the opportunity to specialise in some of the current directions in the field.

Our **MSc in Mobile Computing** looks at Third Generation (3G) Mobile Systems and current 4G principles.

MSc in Forensic Computing has been provided to serve the growing demand for specialists in this area.

The **MSc in Multidisciplinary Computing** is designed for students who wish to enhance their skills in computing and gain specialist knowledge in the fields of multimedia, cultural studies or biomedical sciences.

Our long-standing **MSc in Software Engineering** is an advanced course providing students who already possess a thorough grounding in the principles of computing with knowledge of current best practice in the principles and methods of software engineering.

The School has its own network based on powerful servers running UNIX, accessed by clusters of PC workstations running Microsoft and Linux operating systems. The system can also be accessed from across the campus and beyond.