



The  
University  
Of  
Sheffield.

**University of Sheffield  
School of Architecture.**

The Graduate School.

Welcome.

The Graduate School encompasses the Doctoral and Taught Masters programmes of the University of Sheffield School of Architecture, a leading centre of research in architecture and the built environment. It was awarded a '5' rating in the 1996 and 2001 national Research Assessment Exercises (RAE), the only UK school to maintain this highest rating in both assessments, and the results of the 2008 RAE demonstrate that the school has continued to maintain this leading position. In 2011 the School of Architecture has moved back to the newly refurbished Arts Tower, where the Graduate School is housed within purpose built accommodation to be shared with the Department of Landscape with which we are closely linked.

The Graduate School plays an important part in the culture and ethos of our community. We place emphasis on the social, environmental, cultural and political aspects of architecture, as we believe that architects have an ethical role to play in our rapidly changing global context. We are committed to producing and disseminating significant, original, and rigorous knowledge that will allow us to both criticise and influence the changes that we see in the world around us.

We wish a warm welcome to all PhD and MSc students, research fellows, and visiting scholars to our school!

Professor Flora Samuel  
Head of Department

## About the Graduate School.

Professor Doina Petrescu  
Director of the Graduate School

[architecture.pgr@sheffield.ac.uk](mailto:architecture.pgr@sheffield.ac.uk)

With currently over 60 PhD students and 111 MA students (home and overseas), the School has one of the largest cohorts of architecturally based research students in the UK, reflecting our pre-eminence in the field. Our current students come from all around the world - China, Mexico, Canada, Nigeria, Libya, Egypt, Thailand, Saudi Arabia, South Korea, Taiwan, Malaysia, Cyprus, Turkey, Serbia, Iran, and Vietnam – in addition to those from the UK.

Our postgraduate research is intrinsically inter-disciplinary and is open to students with an interest in any aspect of architectural research. We sit within the Faculty of Social Sciences which means that there is constant exchange with a range of related disciplines. Leading specialists, supervisors and mentors with international reputations cover research areas from environmental design to histories and theories of architecture. A more detailed list would include lighting, acoustics and the thermal environment, sustainability and structures, practices and politics of architecture, design processes and user behaviour, healthcare architecture, conservation, urban design and development, community design and participation, places and place-making, children's environments, feminist approaches and transformative education, computer-aided design, emergent systems and complexity, as well as socio-technical systems related to sustainable energy technologies. We also encourage proposals for research by design, a PhD in which a theorised design project becomes a commentary on the role of the architect and architecture in society today.

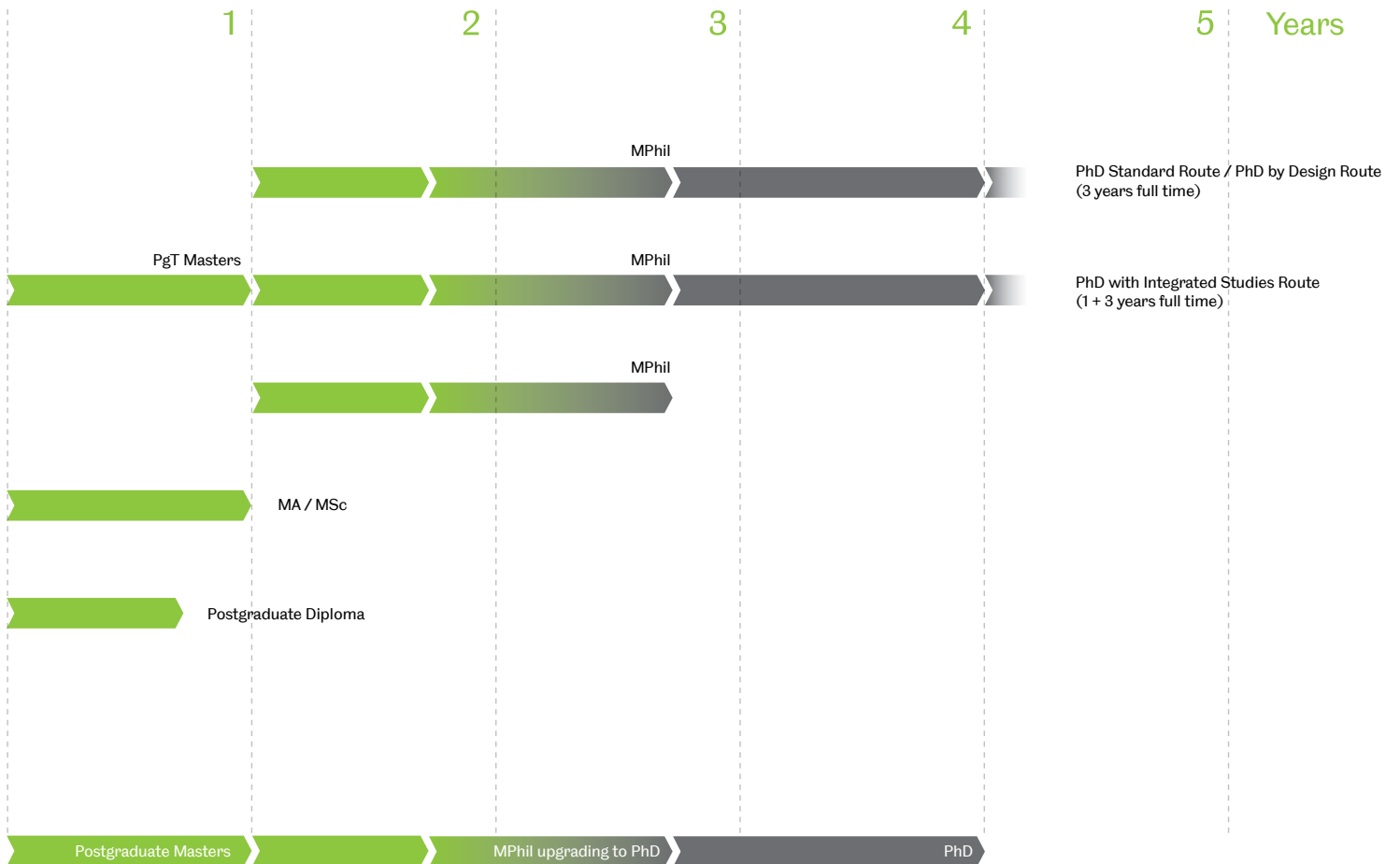
We also offer Taught Masters in areas including Architectural Design, Conservation and Regeneration, Designing Learning Environments, Urban Design, Sustainable Architecture and Computer Aided Environmental Design. The modular teaching system of the MA and MSc allows students to choose routes which combine in different ways the various programmes on offer. We are exploring and developing other forms of training such as Continuing Professional Development.

All students undertake a research training programme which includes both in house events and those provided by the Faculty of Social Sciences. Research students are encouraged to take part in conferences and academic life both inside and outside the University. With its tradition in innovative education, our school encourages student-led initiatives and exchanges. We have a lively postgraduate

student society, which organises social events and seminars, and a student-staff committee that discusses issues relevant to the postgraduate student community. Graduate students may be involved in teaching within the Undergraduate programme and it is sometimes possible to undertake teacher-training whilst researching for a PhD.

The School offers a rich research environment, sustained by interactive research groups and regular international conferences. The school involves itself in collaborations with industry, other departments, and doctoral centres within the University. International collaborations exist with Sweden, Norway, China, Hong Kong, Malaysia, the Czech Republic, Ireland, Singapore, France, Germany, Canada, Spain, Turkey, Mexico, Holland, and the USA, and others are under development.

## Routes in Postgraduate Studies.



All information is correct at the time of printing (May 2010). Please check for updates at <http://www.sheffield.ac.uk/architecture/>

University of Sheffield  
School of Architecture.

## Postgraduate Research.

Professor Steve Fotios  
PhD Admissions Tutor

[architecture.phd@sheffield.ac.uk](mailto:architecture.phd@sheffield.ac.uk)

A PhD is the highest level of degree that can be awarded. It is the normal foundation for a career as a senior academic or researcher. The degree is awarded upon satisfactory completion of an extended piece of original written research, the thesis, a document that makes a unique contribution to knowledge and should be worthy of publication. It is developed with the help of the Supervisorial Team and usually takes three or four years to complete. In addition to the written PhD, we also offer a PhD by Design and a PhD with Integrated Studies.

### PhD by Design

The PhD by Design route is intended for students who are interested in the examination and redefinition of architecture and practice through a project or built work. This may include looking at interdisciplinary and collaborative ways of working, examining and testing assumptions, and exploring new knowledge and understanding of design. The programme is suited to mature professional architects and designers as well as graduate architecture students who wish to theorise their design work further.

### PhD with Integrated Studies

This route is intended for PhD candidates who want to progress to doctoral research following completion of one of the Taught Masters programmes in the School.

### Admissions

As a prior requirement for PhD study, students will need a good honours degree in an appropriate subject such as architecture, building, engineering, science or a related discipline. Students will be required to register initially for an MPhil. Transfer to PhD registration takes place after one year, upon successful completion of an upgrading report. Those who already have an MPhil qualification can register for the PhD directly. Applicants will need to demonstrate sufficient skill in written and spoken communication in the English language. Students can register on a full time or part time basis. There are also two formal schemes allowing for research away from the University for Overseas/EU candidates the Remote PhD (full time) and the Joint Location (part-time).



## Research Topics.

Our research staff offer supervision on a wide range of topics:

### Dr Hasim ALTAN

[h.altan@sheffield.ac.uk](mailto:h.altan@sheffield.ac.uk)

Sustainable architecture, environmental design, energy efficient building design, low carbon impact buildings.

### Lucy CARTLIDGE

[l.cartlidge@sheffield.ac.uk](mailto:l.cartlidge@sheffield.ac.uk)

The sociology of sustainable architecture, eco-housing, participatory design, planning and power, governmentality, self-build, environmental campaigns and activist geographies.

### Dr Cristina CERULLI

[c.cerulli@sheffield.ac.uk](mailto:c.cerulli@sheffield.ac.uk)

Knowledge in design processes, emergence and complexity, non conventional practice, management and procurement.

### Prue CHILES

[p.chiles@sheffield.ac.uk](mailto:p.chiles@sheffield.ac.uk)

Architectural new futures, participative processes, learning environments, contemporary architectural practice, home environments, and research by design.

### Dr Rachel CRUISE

[r.cruise@sheffield.ac.uk](mailto:r.cruise@sheffield.ac.uk)

Structural engineering, Life Cycle Costing and Life Cycle Assessment, methodologies

of design, fabrication and production processes.

### Professor Steve FOTIOS

[steve.fotios@sheffield.ac.uk](mailto:steve.fotios@sheffield.ac.uk)

Research in lighting, research methods for visual psychophysics, building services, and environmental design.

### Professor Peter Blundell JONES

[p.blundelljones@sheffield.ac.uk](mailto:p.blundelljones@sheffield.ac.uk)

Architectural history and theory of the 19th and 20th centuries, architectural anthropology, urban history, writing and criticism.

### Professor Jian KANG

[j.kang@sheffield.ac.uk](mailto:j.kang@sheffield.ac.uk)

Computer simulation for room acoustics and environmental noise control, auralisation, urban soundscape and acoustic comfort, acoustic scale modeling, acoustic materials.

### Dr Florian KOSSAK

[f.kossak@sheffield.ac.uk](mailto:f.kossak@sheffield.ac.uk)

Urban history, contemporary urbanism, urban design, experimental mediation of architecture.

### Dr Jo LINTONBON

[j.lintonbon@sheffield.ac.uk](mailto:j.lintonbon@sheffield.ac.uk)

Urban history and theory of the 19th and 20th centuries, building conservation and conservation-led urban regeneration, design approaches within the historic built environment.

### Dr Marc MEAGHER

[m.meagher@sheffield.ac.uk](mailto:m.meagher@sheffield.ac.uk)

Augmented environments, digital forms of making, smart materials, information visualization, architecture and social media.

### Dr Rosie PARNELL

[r.parnell@sheffield.ac.uk](mailto:r.parnell@sheffield.ac.uk)

Children and young people's environments, learning environments, the user in design and education.

### Dr Chengzhi PENG

[c.peng@sheffield.ac.uk](mailto:c.peng@sheffield.ac.uk)

Digital design modelling, interactive urban visualisation modelling, augmented heritage, and computer supported design collaboration.

### Professor Doina PETRESCU

[d.petrescu@sheffield.ac.uk](mailto:d.petrescu@sheffield.ac.uk)

Feminist theory and practice, participation in architecture, contemporary theory, activist praxis and education, culture and resilience.

### Dr Michael PHIRI

[m.phiri@sheffield.ac.uk](mailto:m.phiri@sheffield.ac.uk)

Architecture of healthcare environments, architecture and wellbeing, evidence-based healthcare design, infrastructure planning and major capital project implementation, post-occupancy evaluations.

### Prof. Flora SAMUEL

[f.samuel@sheffield.ac.uk](mailto:f.samuel@sheffield.ac.uk)

Architectural history and education, the home, issues of quality and value, architectural and urban design, detail design, analytical psychology.

### Dr Tatjana SCHNEIDER

[t.schneider@sheffield.ac.uk](mailto:t.schneider@sheffield.ac.uk)

Production and political economy of the built environment ( in particular housing); reframing of architectural practice, architecture as spatial agency; collaboration.

### Professor Fionn STEVENSON

[f.stevenson@sheffield.ac.uk](mailto:f.stevenson@sheffield.ac.uk)

Sustainable design, building performance evaluation, housing occupancy feedback, occupant behaviour, bioregionality, ecological construction materials and products, design for usability.

### Dr Renata TYSZCZUK

[r.tyszczuk@sheffield.ac.uk](mailto:r.tyszczuk@sheffield.ac.uk)

The contemporary city, experimental practice, reframing sustainability.

### Dr Stephen WALKER

[s.j.walker@sheffield.ac.uk](mailto:s.j.walker@sheffield.ac.uk)

Contemporary theory, art and architecture. Urban histories, theories, the contemporary city.

### Prof. Sarah WIGGLESWORTH

[s.wigglesworth@sheffield.ac.uk](mailto:s.wigglesworth@sheffield.ac.uk)

The architectural profession, gender and architecture.



## What We Have to Offer.

### Facilities

PhD students are provided with study space in the Graduate School for three years. The University has an excellent collection of books and journals for architectural research. The Information Commons (<http://www.sheffield.ac.uk/library/libsites/ic.html>) which opened in 2007, is available 24 hours per day, seven days per week. PhD students are given photocopying credit for use in the libraries. Small internal grants are available for travel and conferences. For students studying architectural science, there are laboratories and research facilities in lighting, acoustics, ventilation, environmental monitoring, and thermal simulation.

### Supervision

Students are allocated a primary supervisor with whom they share regular meetings to review progress and plan forthcoming stages of work, and a secondary supervisor to provide back up at critical moments in the evolution of the thesis. Occasionally, a student may be asked to work with two supervisors due to the cross-disciplinary nature of the project. PhD supervision normally takes the form of supervisory meetings or tutorials on a regular basis. The exact frequency

of meetings or tutorials is determined by agreement between the student and the supervisor(s). A formal record must be kept of each supervisory meeting, summarising the key points discussed and a list of actions to be undertaken by the student and/or the supervisor(s). The School operates within the University's Code of Conduct for research supervision.

### PGR Progress Monitoring

A formal procedure for reviewing progress exists both at Departmental and at University level. Within the School of Architecture each student is required to submit a progress report jointly with the supervisor(s) following each semester, so there are two progress reports per academic year. The student and supervisor(s) are also required to submit a progress report to the University's Research Office on an annual basis. These scheduled reviews are designed to identify any problems experienced by the student and/or supervisor(s) so that these can be addressed and resolved in a timely manner.

## Our PhD Programme.

### Undertaking Doctoral Development Programme (DDP) Modules.

Research training is designed to provide students with the skills, knowledge, and methodologies required to undertake academic research. Each PhD student must undertake a number of DDP modules offered by the School of Architecture or by other departments at the University. The set of modules to be undertaken as part of the doctoral development programme is decided by the student in consultation with the supervisor(s) through training needs analysis .

### MPhil Leading to PhD Upgrading

Every student entering the doctoral programme is registered with the status of MPhil leading to PhD at the beginning of the first year. Each PGR student is required to submit an Upgrading Application after the twelfth, but not later than the eighteenth, month of their project. At least two senior academic staff from the School of Architecture are appointed to review the application, which includes the supervisor's statement, a summary statement about the scope and content of the proposed PhD (2-4 A4 pages), and a detailed report of around 10,000 words.

All students are entitled to two attempts at upgrading. A successful upgrading application means that the progress made by the student is satisfactory, and that it is probable that the research objectives will be achieved within the remaining time allocated to the PhD.

Students who have made two unsuccessful attempts are not allowed to continue to PhD.

### Thesis Submission and Oral Examination (Viva)

All full-time PhD students are expected to submit their final thesis for examination within the normal time span of 36-48 months. An External Examiner and Internal Examiner are then appointed subject to the approval of the Research Committee of the Faculty of Social Sciences. An oral exam (viva) is expected to take place within ten weeks of the examiners receiving their copies of the thesis. Students and supervisors are informed of the exam results informally after the viva. The examiners make a joint formal recommendation to the Faculty. There can be various outcomes, but in the common case of Minor Corrections, the student is issued with a list of corrections to be made within a period specified by the examiners, and the revised thesis is read again by the examiners to reach a final decision.

### Awarding of Degree

The degree of PhD (or MPhil) is awarded to the student after a successful thesis submission and examination. A formal letter of degree award is sent to the student from the University's

Research Office as soon as the exam recommendation has been approved by the Faculty. Students are invited to attend the degree ceremony held at the University's Octagon Centre.

### The Code of Practice for Research Degree Programmes

This handbook contains a wide range of information which may be required by students and their academic departments between the point of registration for a higher degree by research, and the point of award.

For more information, visit [http://www.sheffield.ac.uk/ris/staff\\_students\\_visitors/forms.html](http://www.sheffield.ac.uk/ris/staff_students_visitors/forms.html)



## How to Apply for the PhD Programme.

Information on applying, including application forms, can be found on <http://www.sheffield.ac.uk/postgraduate/research/apply/>

Admissions decisions are based on the student's academic achievements to date and on the submission of a research proposal. This is a description of what the student would like to study and how this study would be carried out. The proposal is used to identify potential supervisors.

In some cases interviews may be held in person or by telephone.

### Language Requirements

If the applicant's first language is not English, we normally ask for a suitable language standard validated through a test in Academic English. Minimum scores accepted by the School of Architecture are IELTS 7.0 (with a minimum of 6.5 in each component) or a qualification equivalent to this.

If the application is successful, an offer letter is sent to the applicant. When the student receives a conditional offer, this usually means that we require

confirmation of qualifications or fulfillment of language requirements before the place can be confirmed. Once the applicant has received the offer we need to be informed as soon as possible whether it is accepted. This helps in arranging the paperwork needed by some applicants to obtain a visa. The letter of offer informs the prospective student of the supervisor we consider best suited to their project. All students are invited to make contact with their supervisors in advance of arrival so that they can begin their research as quickly as possible.

### Start Date

The start date is decided by the student. It is important that once having accepted an offer the student arrives in Sheffield and registers during the month for which the start date is set.

### Funding

Some studentships from both the University of Sheffield and external sources are available for new postgraduates to help cover tuition fees and living expenses.

For more information visit <http://www.sheffield.ac.uk/postgraduate/research/apply/> and <http://www.sheffield.ac.uk/postgraduate/research/scholarships>

## Postgraduate Taught Masters.

Dr Renata Tyszczyk

Director of the Postgraduate Taught Masters Programmes

architecture.pgtmaster@sheffield.ac.uk

The School of Architecture offers several Postgraduate Taught Masters programmes. Each is tailored to meet the specific needs and interests of its students and builds on the strengths of the contributing academic staff. These range from computer aided design, participatory urban design, conservation and regeneration, design for education and healthcare, to sustainable architectural design. The programmes draw on the School of Architecture's intellectual ethos which emphasizes social and environmental responsibilities in relation to the design and production of the built environment. Each of the Masters courses includes training in research methods in relevant areas for students wishing to continue study to PhD level. PhD candidates can progress to doctoral research following completion of one of the Taught Masters programmes on the PhD with Integrated Studies route. Successful completion of one of the Taught Masters programmes familiarises the student with research areas in the School and with likely supervisory staff, as well as resulting in a post-professional MA or MSc qualification.

Our programmes assume the following aims:

- To expose students to meaningful conversations and collaborations with researchers and professionals engaged in all aspects of the built environment.
- To allow students to develop specialist design skills, but in a manner in which allows those skills to be understood within a broad social, environmental and economic context.
- To help students develop a portfolio of architectural skills and knowledge drawn from the full range of cognate disciplines relevant to Architecture and their chosen area of study.
- To help students engage at an advanced level with the most innovative ideas in the area of knowledge being covered by each course.
- To provide the advanced research skills needed within the research areas covered by the specific courses.
- To develop in students the analytical skills needed to complete independent research at advanced level.
- To equip students with the knowledge and skills for international careers in academia, research, practice, and other commercial or professional fields where an advanced understanding of the built environment is needed.

We offer the following Taught Masters courses:

- MA in Architectural Design
- MA in Conservation and Regeneration
- MA in Designing Learning Environments
- MSc in Sustainable Architecture and Computer Aided Environmental Design
- MSc in Sustainable Architecture Studies
- MA in Urban Design

The Postgraduate Taught Masters programmes run in parallel with our professionally recognized MArch in Architecture (RIBA Part 2) with which they share some modules. However, none of the courses give exemption from ARB/RIBA professional examinations.

### Course Structure

All courses are for a full 12-month study period (24 months if taken part-time). The Masters degree is obtained by passing, at the appropriate standard, assignments or examinations related to taught course elements of the degree, and also through the submission of advanced project work (either a text dissertation or design project). In total 180 credits must be accumulated for the masters degree; this will normally comprise 120 credits from taught courses and 60 credits from the Advanced Project.

A student who is awarded one hundred and twenty credits in respect of taught course units (excluding the advanced project) may be eligible for the award of a Postgraduate Diploma in one of the following: Sustainable Architecture Studies, Sustainable Architecture and Computer-Aided Environmental Design, Urban Design, Designing Learning Environments, Conservation and Regeneration, or Architectural Design (according to degree undertaken).

A student who is awarded sixty credits in respect of taught course units (excluding the advanced project) may be eligible for the award of the Postgraduate Certificate in one of the following: Sustainable Architecture Studies, Sustainable Architecture and Computer Aided Environmental Design (according to degree undertaken).



## MA in Architectural Design.

Dr Renata Tyszczyk

r.tyszczyk@sheffield.ac.uk

The MA in Architectural Design is a design-based Masters course focusing on knowledge of design approaches and processes. It encourages students to develop a distinctive design practice.

The programme builds on the department's acclaimed research and teaching expertise in the area of architectural design, complementing the work done in ARB/RIBA accredited programmes of the School of Architecture. These consider architectural design within a broad social, environmental and economic context. Students on the MA in Architectural Design programme are encouraged to explore, challenge, and inform contemporary architectural design practice through seminars, research, studio project work, field trips, and participation in design-led practice, teaching and learning innovations – for example the pioneering 'Live Projects'.

Graduates have pursued careers both in architectural and design practice and in academia. The MA in Architectural Design also supports the PhD by Design programme, providing an appropriate entry-level one-year Masters course as a foundation for doctoral research.

The MA in Architectural Design is open to students only as a full-

time course. Full-time students are registered for one full year (October to September).

### Core Modules

- ARC 552 Special Design 1 'Live Project' (15 credits)
- ARC 6986 Design Project (15 credits)
- ARC 6987 Design Project 2 (30 credits)
- ARC 6853 Theory and Research in Design (15 credits)
- ARC 6854 Environment and Technology in Design (15 credits)
- ARC 6989 Reflections on Architectural Design (15 credits)
- ARC6988 Thesis Design Project (60 credits)

In consultation with a postgraduate tutor, students also choose an optional module (15 credits) aimed either to enhance understanding of a specific field of interest, or to develop the area of study in which the dissertation and /or subsequent PhD study will be based. Options may be chosen from the full range of option modules offered in the School of Architecture or, with permission of the programme coordinator, from another programme in the Faculty of Social Sciences.

## MA in Conservation and Regeneration.

Dr Jo Lintonbon

j.lintonbon@sheffield.ac.uk

The MA in Conservation and Regeneration specialises in the theory and practice of building conservation and conservation-led urban regeneration. Designed for students from a variety of academic and professional backgrounds, the programme takes an interdisciplinary approach, drawing on expertise in historic built environments, urban history and theory, contextual design approaches and community engagement, to explore the relationship between building conservation practice and urban regeneration.

The programme addresses a national and international need for skilled practitioners who are able to steward built heritage and to mediate between the numerous stakeholders in the historic built environment. Students are encouraged to explore and develop their own approaches in practice through seminar discussions, independent study, and conservation studio project work. The programme has been developed with reference to the Institute of Historic Building Conservation Areas of Competence, and we are currently seeking IHBC course recognition.

The MA in Conservation and Regeneration is open to students

on either a full-time or part-time basis. Full-time students are registered for one full year (October to September). Part time students complete their studies over two years.

### Core Modules

- ARC6710 Advanced Study and Research Methods 1 (15 credits)
- ARC6871 Conservation and Regeneration Project 1 (15 credits)
- ARC6872 Conservation and Regeneration Project 2 (30 credits)
- ARC6873 Conservation and Regeneration Policy and Law (15 credits)
- ARC6874 Conservation and Regeneration Principles and Approaches (15 credits)
- ARC6875 Conservation Materials and Techniques (15 credits)
- ARC6876 Dissertation (Conservation and Regeneration) (60 credits)

Students choose one further option module according to their individual interests from a list of approved modules and by agreement with the programme co-ordinator.

## MA in Designing Learning Environments.

Dr Rosie Parnell

r.parnell@sheffield.ac.uk

The MA in Designing Learning Environments is a multi-disciplinary course exploring the relationship between pedagogy and spatial design. It is informed by Sheffield's cutting edge research into international educational design and into the UK's current major school (re) building programme.

This design-focused programme addresses the relationship between learning and educational environments. It takes a multi-disciplinary approach, drawing on international theory and practice and the expertise of Sheffield's team of educational design researchers and practitioners. The emphasis is on school and kindergarten environments, but there is scope also for exploration of other educational settings. Students are encouraged to explore, challenge, and inform contemporary approaches to spatial design for education, through seminars, research, and design work. Coursework can be related to students' individual professional settings and students from a variety of design, educational, and other professional contexts are invited to share practice, co-create knowledge and build new understandings. The MA in Designing Learning Environments is open to students on either a full-time or part-time basis.

Full-time students are registered for one full year (October to September). Part time students complete studies over two years.

### Core Modules

- ARC6710 Advanced Study and Research Methods 1 (15 credits)
- ARC6861 History and Theory of Learning Environments (15 credits)
- ARC6862 Learning Pedagogy Space (15 credits)
- ARC6863 Contemporary Policy and Practice Learning Environments (15 credits)
- ARC6864 Participation in Architectural Design (15 credits)
- ARC6865 Learning Environment Design Project (15 credits)
- ARC6866 Advanced Research Project Learning Environments (60 credits)

In consultation with a postgraduate tutor, students also choose an optional module (15 credits) according to the individual focus of study. This module can be selected from a wide range of option modules offered by the School of Architecture subject to availability and by agreement with the programme co-ordinator.

## MA in Urban Design.

Dr Florian Kossak

f.kossak@sheffield.ac.uk

The MA in Urban Design programme is characterised by its strong design focus, the integration of participation and participatory design processes, and an international relevance combined with regional application.

The emphasis on participatory design of this MA is unique amongst national and international courses in Urban Design. It combines two of the most topical issues in the discourse regarding the production of the built environment – participation and urban design. The course draws strongly on the Sheffield School of Architecture's intellectual ethos, which emphasises social and environmental responsibilities in relation to the design and production of the built environment.

The MA in Urban Design further builds on the department's acclaimed research and teaching expertise with its international reputation for the political and strategic focus of its work.

The MA in Urban Design is open to students on either a full-time or part-time basis. Full-time students are registered for one full year (October to September). Part time students complete their studies over two years.

### Core Modules

- ARC 6980 Urban Design Project I (30 credits)
- ARC 6981 Urban Design Project II (30 credits)
- ARC 6983 Participation in Architecture and Urban Design (15 credits)
- ARC 6984 History and Theory of Urban Design (15 credits)
- ARC 6985 Reflection on Urban Design Practice (15 credits)
- ARC 6982 Urban Design Project III Thesis Project (60 credits)

In consultation with a postgraduate tutor, students also choose an optional module (15 credits) according to the individual focus of study. This module can be selected from a wide range of option modules offered by the School of Architecture, the Department of Landscape Architecture and the Department of Town and Regional Planning subject to availability and by agreement with the programme co-ordinator.

## MSc in Sustainable Architecture and Computer Aided Environmental Design.

Lucy Cartlidge

l.cartlidge@sheffield.ac.uk

This Masters Degree programme in the School of Architecture allows the opportunity to study computational design in conjunction with effective environmental design. One of the main emphases of the course is on the integration of techniques into the design of buildings and their surroundings.

The MSc in Sustainable Architecture and Computer Aided Environmental design is open to students on either a full-time or part-time basis. Full-time students are registered for one full year (October to September). Part time students complete their studies over two years.

### Core Modules

- ARC6700 Interactive Urban Visualisation Modelling (15 credits)
- ARC6710 Advanced Study and Research Methods 1 (15 credits)
- ARC6770 Climate Sensitive Environmental Design (15 credits)
- ARC6780 Building Environmental Simulation and Analysis (15 credits)
- ARC6790 Integrated Design Project (15 credits)
- ARC6848 Introduction to Computational Design

(15 credits)

- ARC6849 Advanced Computational Design (15 credits)
- ARC6990 Advanced Project (60 credits)

In consultation with a Programme Director, students also choose an optional module (15 credits) according to the individual focus of study from a range of modules offered in the School of Architecture.

## MSc in Sustainable Architecture Studies.

Lucy Cartlidge

l.cartlidge@sheffield.ac.uk

The MSc in Sustainable Architecture Studies programme allows students to develop a portfolio of sustainable architectural skills and knowledge in a range of architectural areas.

It aims to give a broad education in the area of sustainable architectural design.

The degree includes training in research methods which is particularly relevant to students wishing to pursue further study to PhD level in the area of Sustainable Architecture or Building Science.

The programme provides an opportunity to specialise in a subject area in which the School of Architecture possesses particular expertise.

The MSc in Sustainable Architecture Studies programme is open to students on either a full-time or part-time basis. Full-time students are registered for one full year (October to September). Part time students complete their studies over two years.

### Core Modules

- ARC6710 Advanced Study and Research Methods 1 (15 credits)
- ARC6990 Advanced Project (60 credits)

In consultation with a postgraduate tutor, students choose modules to the value of 105 credits from:

- ARC6700 Interactive Urban Visualisation Modelling (15 credits)
- ARC6750 Computer Aided Architectural Design (15 credits)
- ARC6770 Climate Sensitive Environmental Design (15 credits)
- ARC6771 Future Climates in Architecture (15 credits)
- ARC6780 Building Environmental Simulation and Analysis (15 credits)
- ARC6800 Applied Design Project (15 credits)
- ARC6810 Architecture and the Design Process (15 credits)
- ARC6821 Materials for Low Impact Buildings: Theory (15 credits)
- ARC6822 Materials for Low Impact Buildings: Practical (15 credits)

- ARC6840 Renewable Energy (15 credits)
- ARC6848 Introduction to Computational Design (15 credits)
- ARC6849 Advanced Computational Design (15 credits)
- ARC6855 Histories of Sustainability in Architecture (15 credits)

Up to 30 credits may be taken from other unspecified School of Architecture modules and are unrestricted in choice but subject to approval by the programme director.

## How to Apply for the Postgraduate Taught Masters Programme.

You can find further information about application and application forms at:

<http://www.sheffield.ac.uk/apply/pgcourse.html>

Or you can write to:

The Graduate Office  
Recruitment and Admissions  
The University of Sheffield  
9 Northumberland Road  
Sheffield S10 2TT

Tel. +44 (0)114 222 1410  
Fax +44 (0)114 222 1415  
Email [grad.school@sheffield.ac.uk](mailto:grad.school@sheffield.ac.uk)

### Entry Requirements

The normal entry requirement to all Postgraduate Taught Masters programmes is an upper-second-class honours degree or above in Architecture or a related discipline, or an equivalent recognised qualification. Applicants with a degree from non-design based courses or with substantial professional design or other relevant experience will also be considered. Please refer to individual programme pages for more detailed entry requirements.

Applicants will be asked to submit a statement of interest and, if resident in the UK, may be called

for interview. Where a portfolio is required, this should comprise examples of previous design work or other relevant material in support of the application. The portfolio should be no larger than A4 (hardcopy) and a maximum of 20 pages. A pdf/ppt is acceptable for online applications.

All application forms, together with 2 academic references, a transcript of previous university qualifications (with certified translation in English where appropriate) together with a small A4 portfolio and/or illustrated statement of interest, should be submitted, in the first instance, to The Graduate Office, Recruitment & Admissions.

### International Students

We welcome applications from international students. However, if your education has not been in English, you must have a suitable language qualification, such as IELTS. Normally a score of 7.0 with 6.5 in each component (or an equivalent) is required. Applicants with disabilities We are committed to responding to any additional support you may require. If you would like further information about our facilities, please contact the Disability and Dyslexia Support Service on 0114 222 1303.

### Bursaries and Studentships

For more information about studentships please see:

<http://www.sheffield.ac.uk/postgraduate/research/scholarships>

### Career Development Loans

A Career Development Loan (CDL) can help you gain the experience, training and qualifications you need to improve your job skills or even launch a new career. You can take out a CDL whether you are employed, self-employed, or unemployed. CDLs are available through an arrangement between the Learning and Skills Council (LSC) and three high street banks.

Further details are available at:

<http://www.direct.gov.uk/EducationAndLearning/AdultLearning/fs/en>

### International Scholarships

The University recognises that studying overseas is a major undertaking, both personally and financially, and aims to assist international students who require financial assistance with scholarships and awards specifically for International students. Further details are available at:

<http://www.sheffield.ac.uk/international/>

### Other Funding for Overseas Applicants

Overseas students may be able to obtain financial support if they are nominated by their governments for scholarships which may be available from the British Council, the United Nations, or other international agencies.

## Contact Directory.

Graduate School  
General Enquiries  
architecture.pg@sheffield.ac.uk

The University of Sheffield  
International Office provides  
advice for international students  
international.students@  
sheffield.ac.uk  
+44 (0) 114 222 1267

Postgraduate Research  
MPhil/PhD  
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For specific details, please  
contact:

PhD Admissions Tutor  
Standard MPhil/PhD  
Professor Steve Fotios  
PhD Admissions Tutor  
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PhD Admissions Tutor  
MPhil/PhD by Design  
Prue Chiles  
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## Notes.

MA in Architectural Design  
(MAAD)  
Dr Renata Tyszczyk  
r.tyszczyk@sheffield.ac.uk

MA in Conservation and  
Regeneration (MACR)  
Dr Jo Lintonbon  
j.lintonbon@sheffield.ac.uk

MA in Designing Learning  
Environments (MADLE)  
Dr Rosie Parnell  
r.parnell@sheffield.ac.uk

MSc in Sustainable Architecture  
Studies  
and  
MSc in Sustainable Architecture  
and Computer Aided  
Environmental Design  
Lucy Cartlidge  
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MA in Urban Design (MAUD)  
Dr Florian Kossak  
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All information is correct at the time of printing (May 2010). Please  
check for updates at <http://www.sheffield.ac.uk/architecture/>

University of Sheffield  
School of Architecture.



The  
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