International Postgraduate Study

2020-21
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Welcome

We are delighted that you are considering postgraduate study at Brighton and Sussex Medical School (BSMS), whether as the next step in your own career or to develop your staff and trainees.

BSMS is one of the most highly regarded medical schools in the UK and is consistently ranked among the top medical schools in the top student survey. As a partnership between the Universities of Sussex and Brighton and the NHS, we pride ourselves on providing high-quality clinical and professional healthcare training in a nurturing learning environment.

Over the last few years we have worked closely with our colleagues in the region to expand the scope of our postgraduate offering and have added several new areas of study.

Visit bsms.ac.uk/postgraduate/international for more details.

Our aim is to enable you to deliver high-quality healthcare – be it regionally, nationally or globally. We look forward to meeting your professional development needs.

Studying in another country is an exciting prospect, with many new experiences awaiting you. At BSMS you will be part of a diverse international community, which will enrich your learning experiences. We hope you enjoy your time studying here.

The Universities of Sussex and Brighton are immensely proud of the success of our medical school. BSMS has developed a strong and diverse portfolio of postgraduate courses, informed by high-quality research, relevant to the workplace and multidisciplinary in nature.

Our graduates are gaining significantly from this experience and are increasingly well prepared to meet the challenges of an evolving healthcare sector. We are committed to high academic and professional standards, as well as to meeting the needs of students as individuals. We welcome you in considering BSMS.

Professor Malcolm Reed
Dean, BSMS

Professor Gordon Ferns
Head of the Department of Medical Education, BSMS

Professor Adam Tickell
Vice-Chancellor, University of Sussex

Professor Debra Humphris
Vice-Chancellor, University of Brighton
What BSMS postgraduate courses offer

Enabling better healthcare – regionally, nationally and globally

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<th>Clinical and professional combined</th>
<th>Strong multidisciplinary learning</th>
<th>Nationally and globally relevant</th>
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<td>All our clinical courses include professional modules as standard, ensuring that students develop the skills and knowledge to meet the challenges of changing health and social care.</td>
<td>Our courses bring together a vibrant mix of professionals from a variety of health and social care backgrounds. As a result, students gain valuable insights into other disciplines, leading to stronger team working – and, ultimately, to better patient care.</td>
<td>Our courses are delivered by high-level practitioners, who base their teaching on the latest research and case studies. Prominent guest lecturers add to the student experience. This ensures the knowledge is relevant and translatable to both national and international healthcare settings.</td>
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<th>Academic support</th>
<th>Benefit of two universities and local NHS trusts</th>
<th>Conveniently located with excellent transport links</th>
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<td>To help you develop and understand the different aspects of studying in the UK, key sessions in academic practice, writing assignments and developing and carrying out a research proposal for your dissertation are organised for all international students.</td>
<td>BSMS is a partnership between the Universities of Sussex and Brighton with local NHS providers. All courses are validated by both universities, which have a strong reputation in medical and healthcare teaching and research. Some clinical courses also take place in NHS trusts which work closely with both universities.</td>
<td>BSMS is just over an hour from London, and 45 minutes from Gatwick Airport. Most courses are delivered at the main campus at Falmer or at nearby NHS centres. The vibrant city and seafront of Brighton are just four miles away.</td>
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The vibrant seaside city of Brighton and Hove offers an impressive array of restaurants, bars, specialist shops, museums, galleries and other attractions.

The city has a very rich and diverse cultural life and boasts many theatres, cinemas and music venues. The Brighton Festival takes places in May every year and is the second largest arts festival in the UK, showcasing a wide variety of art, music and performance.

Brighton and Sussex Medical School (BSMS) is located across two university campuses at Falmer, four miles north of Brighton. Most postgraduate teaching takes place on the University of Brighton Falmer campus. Falmer is very well served by public transport, with regular rail and bus services running directly into both campuses, and is easily accessed by road. The village of Falmer is located on the edge of the South Downs National Park, with beautiful countryside just minutes away.

BSMS is run in partnership by the Universities of Sussex and Brighton, and all postgraduate courses lead to joint awards. Our students are full members of both universities and are entitled to make use of the facilities each institution has to offer.
Support and facilities

Campus facilities
There are a number of catering outlets on both campuses, from small café bars to self-service restaurants. The Students’ Union runs a shop and café on the Brighton campus during term time. A number of facilities are available on the Sussex campus including a bank, post office, supermarket, pharmacy, GP surgery and dentist.

Student Services
Student Services provide a range of support to students throughout their courses to help ensure they get the most out of their experience. They offer professional support and advice on career development, finance and welfare, along with counselling services.

Student accommodation
The University of Brighton guarantees an offer of halls of residence to all first-year BSMS postgraduate students providing it is their first time studying with us.

Learning resources and libraries
BSMS students have access to the full range of learning resources and facilities at the University of Sussex, the University of Brighton, and Brighton and Sussex University Hospitals NHS Trust. Resources include libraries, media centres and computer rooms.

Sport
As members of the University of Sussex and the University of Brighton, BSMS students can use the sporting facilities offered by both universities. These include sports halls, fitness rooms, dance classes and studios, squash and tennis courts, and football, rugby and floodlit astroturf pitches.

Childcare
Both universities offer nurseries and students may enquire and apply for a nursery place.

Disability and dyslexia
BSMS believes that every student should have an equal opportunity to acquire knowledge and prove their ability. The Disability and Dyslexia team at the University of Brighton is on hand to discuss the specific needs of students and reasonable adjustments can be made to teaching and learning delivery. The team is able to offer advice on all aspects of studying with a disability or dyslexia.

For more detailed information on the support and facilities offered please visit the following websites:

University of Brighton: brighton.ac.uk

University of Sussex: sussex.ac.uk
Exceptional education

At BSMS we place the quality of the student’s learning experience at the heart of all our activities, in an environment which is intellectually challenging and enjoyable for a diverse body of students and staff.

We deliver an exciting, relevant, balanced and well-taught range of postgraduate courses which emphasise the importance of research, both to inform teaching and also as a key skill for students.

Subject leadership is offered by professionals of the highest academic calibre, supported by a wide selection of high-quality speakers who are leading experts in their fields. BSMS is characterised by outstanding personal support for students and a commitment to listen and respond positively to student feedback.

“In 2018 BSMS was granted a Silver Athena SWAN award, demonstrating our success in taking action to improve gender equality at BSMS. Our Inclusivity team looks at issues across the diversity strands to improve the working environment for everyone at the school.”

**Jenny Holmes**
Project Officer (Diversity and Inclusivity)

Ensuring equality and diversity

Our medical school is based on fundamental values of friendliness, kindness and community allied to excellence in education and deliberately chosen areas of research.

We believe that all people involved with our school should feel welcome and respected, and be valued for the positive contributions they can make.

The school has a commitment to equality and diversity, including protected characteristics such as sex, race, disability, religion and belief, age, gender reassignment, pregnancy and maternity, marriage and civil partnership and sexual orientation.

BSMS strives to provide a higher education environment that is intellectually challenging and enjoyable for a diverse body of students and staff, underpinned by a culture of mutual respect.

We believe that, as a result, we are helping equip students to provide best medical practice in a complex and changing healthcare environment.
BSMS offers a range of full-time (one year) courses up to Masters level in subjects relevant to medicine and healthcare and the delivery of the national curriculum framework for specialist training.

Courses are modular and lead to the following awards:

- **Masters (MSc)**
  Successful completion of a minimum of four to six taught modules plus a dissertation

- **Postgraduate Diploma (PGDip)**
  Successful completion of four to six taught modules

- **Postgraduate Certificate (PGCert)**
  Successful completion of three taught modules.

Unless otherwise stated on the relevant course page of our website, successful completion of a module is awarded 20 Masters level credits and requires 200 hours of student input, mainly through independent study. Every module has its own method of presentation and assessment.

**Mode of study**

Modules are taught either extensively over a semester or intensively in blocks of two to five days (see relevant course web page).

**Dissertation**

All Masters courses include a research-based dissertation on a relevant topic of interest, which students are encouraged to publish. Students are supported by a dissertation supervisor and by an extensive programme of research skills workshops that include: interview skills, analysing qualitative data, statistical analysis, and sampling and sample size.
International student programme

BSMS provides a range of benefits for international students, including preparation in language and study skills and dedicated support from tutorial staff.

International students generally study full-time courses over a one-year period. Courses may be taken on a part-time basis, subject to visa requirements.

For further information and details of available courses please visit: bsms.ac.uk/postgraduate/international

International students are invited to attend an induction day, where they can meet and talk together with their academic co-ordinator and other key members of staff. It is a great opportunity to bring up any questions and begin to plan work over the coming term.

The day also includes a presentation on the organisation and management of the National Health Service (NHS) in the UK.

Most of the lecturers work in the NHS and it is important to understand how the system is structured and run, as examples and good practice will often be based in this organisation.

The international student programme at BSMS offers excellent support including:

- preparation in language and study skills*
- an introduction to healthcare and life in the UK
- dedicated support services and a member of staff as a first contact point
- a personalised learning experience, with small group seminars and workshops
- research training relevant to the needs of international students
- professional modules in leadership, communication, learning and teaching, in which a wide range of international students study together
- in-depth study at the cutting edge of clinical and health practice
- a research dissertation in an area relevant to improving healthcare in the student’s home country.

BSMS also provides a number of additional workshops throughout the year to support students with their studies. These include subjects such as:

- key regulations and academic conduct
- planning assignments
- planning and preparing a dissertation proposal and project.

“Studying my Masters in Public Health at BSMS was the best decision I made regarding my professional career. It helped me understand health from a broader perspective, one that wasn’t extensively explored in my medical degree. I look forward to the career opportunities this course will help me achieve.”

Mais Tattan
MSc Public Health graduate from Syria

*For further information and details of language skills programmes please visit: brighton.ac.uk/international/study-with-us/courses-and-qualifications/brighton-language-institute
MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Leader
Dr Sean O’Nunain

Deputy Course Leader
(international recruitment)
Dr Poothirikovil Venugopalan

Entry requirements
The course is open to post-registration doctors and qualified practitioners in any profession allied to medicine.
A minimum IELTS score of 7.0 is required.
About this course

This internationally recognised course is designed to train healthcare professionals to be the clinical leaders of the future by providing a mix of clinical and professional knowledge relevant to the practice of cardiology in contemporary healthcare. Learning in key professional domains includes service leadership and development, research, commissioning and communication and teaching. The cardiology content provides comprehensive learning to meet the professional development needs of a wide range of practitioners working in cardiology.

Who is it for?

The course is designed to provide advanced professional education for a wide range of practitioners with a career interest in cardiology. It is suitable for doctors aspiring to specialist positions.

The course has a multiprofessional focus and is also suitable for nurses, pharmacists, paramedic practitioners, radiographers and cardiac physiologists who wish to develop a specialist interest in cardiology at Masters level.

Key areas of study

- Communication, learning and teaching in health and social care
- Acute cardiology principles and practice
- Fundamentals of cardiac diagnostic procedures and investigations
- Invasive and interventional cardiology
- Research methods and critical appraisal
- Leadership and change management in clinical services
- Quality, safety and service improvement in clinical services

What are the benefits?

On completion of the course, students will have developed a broad and systematic understanding of cardiovascular medicine and will be equipped to translate this knowledge into good practice. Students will also have acquired a portfolio of advanced research, leadership, and communication and learning skills to support the development of a specialist interest in cardiology and enhance their future career opportunities.

“The Acute Cardiology module definitely had a positive effect on my practice in cardiology. It allowed me to review and discuss the main topics which I am most likely to encounter working in this field.”

Ebrahim Alskaf
MSc Cardiology student
Clinical Professional Studies

PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Leader
Ms Jackie Knight

Entry requirements
Entry is open to all medical trainees, physician associates, locally employed doctors, specialty associate doctors and other healthcare professionals including, for example, nurses, midwives and paramedics. It is expected that international students will have at least one year of professional clinical practice in their home country before entering the course.

A minimum IELTS score of 7.0 is required.

Further information +44 (0) 1273 643529 • bsms.ac.uk/clinical-professional-studies
About this course
The PGCert will provide a rounded education to prepare senior specialists for clinical practice, taking into account their academic and professional development needs. Participants will study both theory and practical skills in a range of subjects that cover the three core domains of research, leadership and education.

Who is it for?
The course is designed to meet the career development needs of healthcare professionals, in particular: medical, surgical, psychiatry and GP trainees; physician associates; locally employed doctors and specialty associate doctors.

Key areas of study
Three professional modules:
• Research methods and critical appraisal
• Leadership and change management in clinical services
• Communication, learning and teaching in health and social care

It is possible to substitute another module from the Department of Medical Education portfolio for one of the above modules.

What are the benefits?
The course will help develop the careers of medical and healthcare professionals, supporting them to become better-rounded clinical professionals. The knowledge, skills and practice they gain will enable them to be more effective senior clinicians, preparing them to undertake greater leadership roles in the future.

“This course provided me with a detailed insight into communication in both clinical practice and educational activities. I found it really valuable to be in a group with such a diverse range of professionals, and I have been able to incorporate the learning into my practice.”

Rachel Thompson
Clinical Professional Studies student
Dementia Studies

MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Leader
Dr Naji Tabet

Entry requirements
Applicants should have a qualification equivalent to a UK first or upper second-class undergraduate honours degree in an area in the neurosciences, psychology or social sciences or a demonstrated interest in the dementia field through work (paid or voluntary), education, or research experience.

Or the successful completion of at least three years’ basic medical science at a UK medical school (having gained at least 360 credits).

A minimum IELTS score of 7.0 is required.

Further information +44 (0) 1273 643529 • bsms.ac.uk/dementia-studies
About this course
Dementia is a growing problem globally. This course comprises a set of educational initiatives which enable healthcare professionals to improve the quality of life of dementia patients by building expertise in generating and delivering better care. The comprehensive, holistic, theoretical and practical framework for understanding dementia enables a broad understanding of the impact on the individual and society. Clinical knowledge is blended with developing skills in communication for health and social care, research and leadership learning.

Who is it for?
The course is aimed at a wide range of professionals who are in a position to deliver improvements to the health and care of people with dementia. This includes nurses, doctors, psychologists, occupational therapists and managers and staff in nursing and residential homes.

Key areas of study
- Understanding dementia
- Assessment and treatment of dementia
- Psychological and social perspectives of dementia
- Research methods and critical appraisal
- Leadership and change management in clinical services
- Quality, safety and service improvement in clinical services
- Communication and learning in health and social care

What are the benefits?
Students will be empowered to deliver significant improvements in the quality of services provided. Successful completion of the course will provide specialised knowledge and expertise which will be invaluable in improving the prospect of employment in the field and will enhance the likelihood of career progression.

“This course has been really enjoyable. It has brought me up to date on the latest understanding and research into dementia and the ways in which we can best assess, diagnose, treat and support people affected by the condition. The range of topics and extremely knowledgeable and engaging lecturers have really increased my knowledge of and passion for the subject. Involving people living with dementia in the teaching of some of the modules was a real highlight too.”

Lauren Wonnacott
MSc Dementia Studies student
Global Health

MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Principal
Professor Melanie Newport

Course Leader
Dr Anne Gatuguta

Entry requirements
Applicants should have a qualification equivalent to a UK first or upper second-class undergraduate honours degree in any global health-related subject (eg, development studies, anthropology, nursing, political sciences, geography, psychology, biomedical sciences, etc) or the successful completion of at least three years’ basic medical science at a UK medical school (having gained at least 360 credits). Relevant global health experience is desirable but not essential. Global health experience includes any experience working on improving health and addressing health inequities through health-related interventions, education, policymaking, research etc.

A minimum IELTS score of 7.0 is required, with no less than 6.5 in each section.

Further information +44 (0) 1273 643529 • bsms.ac.uk/global-health
About this course

The Global Health course brings together experts from medicine, the health sciences, pharmaceutical sciences, development studies, anthropology, economics and political sciences among others in order to deliver a stimulating and vibrant programme. We combine traditional didactic teaching with dynamic and interactive methods, using case studies alongside evidence and insights from the various disciplines to facilitate students’ critical understanding of current global health issues, their complex determinants and their potential solutions.

Who is it for?

The course is suitable for anyone interested in global health who would like to take an inter, multi and cross-disciplinary approach to health and ill health.

It develops students’ understanding of the complex determinants of health issues in a globalised world and their potential solutions in order to help them contribute to the improvement of health equity and social justice worldwide.

Key areas of study

- Determinants of health and ill-health in a globalised world
- Global burden and management of disease and injury
- Access to medicines
- Neglected tropical diseases (NTDs)
- Health, poverty and development
- Global mental health
- Emerging infectious diseases and antibiotic resistance
- Sexuality, fertility and reproductive rights
- Conflict and violence
- Research practice in global contexts

What are the benefits?

Graduates will have the skills to work as global health practitioners, policy makers, consultants or researchers within national and international health and development agencies. They will have a sound understanding of the complex global health problems, their potential management strategies at different levels and the research approaches used to foster change. Previous graduates have gone into a range of careers, including working for international non-governmental organisations, Public Health England or pursuing fully funded PhDs.

“BSMS staff encourage discussion, facilitate learning, and are always willing to help outside of lectures. I can honestly say I have learned so much more than I ever expected and now understand how to critically evaluate health from multiple perspectives.”

Renee Donner
MSc Global Health graduate from the US
MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Leader
Dr Sarah Marshall

Entry requirements
Applicants should have a qualification equivalent to a first or upper second-class undergraduate honours degree in a relevant subject – for example pharmacy, pharmaceutical sciences, biomedical sciences, biochemistry or neuroscience.

A minimum IELTS score of 7.0 is required, with no less than 6.5 in each section.
The Global Pharmacy course develops students’ understanding of how pharmacy can impact global health. Students are provided with a foundation in the complex determinants of health and the global burden and management of disease. The curriculum then focuses on the twin strands of pharmaceuticals and pharmacists, and their role in improving global health, with a particular emphasis on addressing health inequities. The course brings together experts from many disciplines to deliver a vibrant and stimulating programme.

Who is it for?
The course is suitable for anyone interested in taking a multidisciplinary approach to the relationship between pharmacy and global health.

It is particularly relevant for pharmacists, those working in the pharmaceutical industry and pharmaceutical policy makers, as well as others interested in how global health and pharmacy intersect.

Key areas of study
- Social determinants of health and ill health
- Global burden and management of disease
- Access to good quality medicines
- Affordability of medicines
- Supply chain management
- Rational use of medicines
- The role of the pharmaceutical industry in global health
- Pharmacy and global health
- Pharmacy and humanitarian responses
- Research practice in global contexts

What are the benefits?
This course equips students to apply their specialist knowledge and skills to make a unique contribution to improving global health through pharmacy. It has a particular focus on overcoming health inequities: the avoidable differences in health globally. Graduates will have the skills to work as global pharmacy practitioners, policy makers, consultants or researchers, with international health and development agencies or in global health-related areas of the pharmaceutical industry.

“The module was filled with enthusiastic and knowledgeable speakers from around the globe. I can’t imagine having access to such a variety of expertise on any other course!”

Karin Remmelzwaal
Access to Medicines module student from South Africa
Healthcare Leadership and Commissioning

MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Leader
Ms Breda Flaherty

Entry requirements
Applicants will normally have clinical, managerial or leadership experience and/or be educated to the equivalent of a UK undergraduate degree. Students are normally in practice in the health and social care field. Full-time students, or students not in healthcare practice, will be supported with a tutorial process.

or:
Successful completion of at least three years’ basic medical science at a UK medical school (having gained at least 360 credits) with a guaranteed place to continue medical studies on completion of the MSc.

A minimum IELTS score of 7.0 is required.

Further information +44 (0) 1273 643529 • bsms.ac.uk/healthcare-leadership-and-commissioning
About this course
With an innovative blend of leadership theory, contemporary healthcare policy and active application to practice, we equip clinicians, leaders, commissioners and managers to develop their knowledge and understanding of healthcare leadership. Uniquely, we focus on clinical expertise and clinical contexts in depth, alongside research and implementing change in practice.

Who is it for?
Our multidisciplinary approach brings clinicians, leaders, commissioners and managers together from all parts of the health and care system, offering a rich learning environment to build links with colleagues from other professions and services.

Key areas of study
- Leadership and change management in clinical services
- Commissioning for quality care
- Quality, safety and service improvement in clinical services
- Principles and practice of public health
- Research methods and critical appraisal
- Economics of health and health-related behaviour

What are the benefits?
We have been offering in-depth academic study of healthcare leadership and commissioning at BSMS for over 10 years.

Our graduates will apply their range of specialist skills to real healthcare challenges. They will conduct research and enquiry into challenges to the dominant 20th century models of healthcare and shape the changes to healthcare for the 21st century.

“The course helped me to make sense of many experiences I had in the workplace by grounding theories and ideas to practice and government policy. It has had a very positive impact on my career.”

Matthew White
Deputy Director, Development and Partnerships, Sussex Community NHS Foundation Trust
Internal Medicine

MSc • PGDip • PGCert

Start date
• September 2020
• February 2021

Mode of study
Full-time: 1 year

Course Principal
Professor Kevin Davies

Course Leader
Dr Ursula Davies

Entry requirements
This course is open to medical trainees who have completed the equivalent to a primary medical qualification and MRCP Part 1. These requirements may be relaxed under special circumstances for applicants with substantial clinical experience (please enquire prior to application).

A minimum IELTS score of 7.0 is required.

Further information +44 (0) 1273 643529 • bsms.ac.uk/internal-medicine
**About this course**
Run in partnership with educators, commissioners and practitioners from throughout the region, the course has support from Health Education Kent, Surrey, and Sussex (HEKSS). It provides a rounded education in internal medicine, including current advances in medical sciences and their application in the clinical arena. Students will gain a detailed understanding of core research methodologies, critical evaluation, evidence-based approaches and the pathophysiology of conditions of clinical interest.

**Who is it for?**
The course is designed for medical trainees interested in professional and academic development in the field of internal medicine.
The course is also for those looking to build their portfolio and strengthen contacts for the future.

**Key areas of study**

**Clinical modules**
- Intensive medicine
- Auto-immunity
- Infectious diseases
- Frailty and elderly medicine

**Professional modules**
- Research methods and critical appraisal
- Leadership and change management in clinical services
- Communication, learning and teaching in health and social care

**What are the benefits?**
The course provides increased scientific awareness of pathophysiological processes and will prepare medical trainees for advanced practice and senior clinical posts. It will train students to be high-achieving consultants and clinical leaders by combining clinical knowledge with professional development learning in the three key domains of leadership; communication, learning and teaching; and the development of research and publishing skills. It will also prepare students who wish to engage in substantive research projects leading to MD or PhD.

“We are delighted to provide this unique opportunity for advanced education in Internal Medicine. Our postgraduate courses promote in-depth understanding of disease processes across a broad range of medical specialties, including their pathophysiology and latest research data. They ensure high-level diagnostic skills and expert management techniques for forward-looking consultant physicians of the future.”

**Dr Ursula Davies**
Course Leader
MRes • PGCert

Start date
September 2020

Mode of study
Full-time: 1-3 years

Course Leader
Dr Trevor Welland

Entry requirements
Applicants should have a qualification equivalent to a UK undergraduate honours degree plus a stated desire to develop as a researcher.

or:
Evidence of involvement in an ongoing research programme, award of a research grant or employer support for a research project.

or:
Successful completion of at least three years’ basic medical science at a UK medical school (having gained at least 360 credits) with a guaranteed place to continue medical studies on completion of the MSc.

A minimum IELTS score of 7.0 is required.
About this course
The course has been designed to develop and promote independent research skills in future principal investigators. Education and training is provided through classroom teaching, workshops, self-directed learning and the development and application of research skills. Students engage with a supervised research project and are encouraged to develop their autonomy in research project design, management, governance and reporting. All students are expected to give presentations and publish their research work.

Who is it for?
The MRes is aimed primarily at anyone who wants to develop their skills as a researcher in a medical, clinical or health context. Applications are welcome from those who work in a setting in which medical research is part of their day-to-day activity. Successful applicants have included BSMS Academic Clinical Fellows, intercalating students and NHS trainees in medicine and surgery. Independently funded applicants may also apply. Individuals who do not wish to pursue the full MRes course may consider the PGCert with the potential to transfer to the MRes or a PhD later should they wish.

Key areas of study
This course is research focused and core and optional modules explore:
• Research methods and critical appraisal of research literature
• Essential statistics for health and medical research
• Evidence-based practice
• Advanced research skills (eg, interview and focus groups; systematic reviews; statistical analysis; qualitative data analysis)
• Epidemiology

What are the benefits?
The course can be a useful stepping stone to PhD level study and collaborative or independent research in the future. Course graduates will be research literate, research skilled and equipped to be research active in their careers. It is expected that they will present their studies at conferences and publish research papers in appropriate professional and academic journals.

“The modules in the MRes in Medical Research have definitely helped me develop as an academic doctor. I feel more confident with statistics, and more able to write scientific literature. The course leader has been extremely friendly and helpful as well.”

Dr Dev Katarey
Medical Research MRes graduate
Paediatrics and Child Health

MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Principal
Professor Somnath Mukhopadhyay

Course Leader
Dr Kamal Patel

Deputy Course Leader
(international recruitment)
Dr Poothirikovil Venugopalan

Entry requirements
Applicants should have a qualification equivalent to a UK degree in medicine or any of the allied health professions (such as nursing, dietetics, physiotherapy, occupational therapy). Applicants should be working in paediatrics and child health and/or interested in pursuing a career in this specialty.

A minimum IELTS score of 7.0 is required.

Further information +44 (0) 1273 643529 • bsms.ac.uk/paediatrics-and-child-health
About this course
The course provides a detailed understanding of core research methodologies, critical evaluation, evidence-based approaches and the scientific basis of childhood disease. A key feature is its multiprofessional nature, which is considered essential for professional practice in paediatrics and child health. The uniqueness of this course is its emphasis not only on the clinical aspects of paediatric care but also on the provision of such care, which will be embedded within the clinical modules.

Who is it for?
This multidisciplinary course is designed for all allied health professionals with a career interest in paediatrics and child health. It is suitable for specialty trainee doctors in paediatrics and other healthcare professionals working with children and young people.

Key areas of study
- Acute and emergency paediatrics
- Management of long-term conditions in children
- Developmental paediatrics
- Research methods and critical appraisal
- Communication, learning and teaching in health and social care
- Leadership and change management in clinical services

What are the benefits?
The course will train students to be high-achieving consultants and clinical leaders of the future. This is achieved by blending clinical knowledge with learning in the three key multiprofessional domains of leadership, communication and learning and teaching, along with the stimulation of innovative thinking and the development of research and publishing skills.

“...The course has empowered me to accomplish my career prospects in terms of both clinical knowledge and professional confidence. There was a very clear structure and supportive guidance throughout and I’ve felt very inspired and positively driven by all my professors and assisting staff.”

Elisa Camponeschi
Physiotherapist and MSc Paediatrics and Child Health graduate
MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Leader
Dr Priya Paudyal

Entry requirements
Applicants should have a qualification equivalent to a UK first or upper second-class undergraduate honours degree or equivalent in any public health-related subject.

Or successful completion of at least three years’ basic medical science at a UK medical school (having gained at least 360 credits) with a guaranteed place to continue medical studies on completion of the MSc.

A minimum IELTS score of 7.0 is required, with no less than 6.5 in each section.
About this course
This established Masters programme has been running successfully for over 15 years in a strong interdisciplinary and inter-professional learning environment. The course reflects recent advances in public health medicine, innovations in learning technology and the need for diverse methods of student assessment. Course content includes the techniques required to undertake epidemiological studies, approaches to environmental impact on health matters, mechanisms of partnership working to achieve health gain and wider issues of the health of the population.

Who is it for?
The course is aimed at graduates who intend to practise in public health or related fields, and professionals who are in a position to deliver improvements in the health of communities and populations. Participants typically include public health managers, infection control nurses, intercalating medical students, screening specialists, doctors and other graduates. Students are encouraged to share their personal public health knowledge within the academic environment.

Key areas of study
- Principles and practice of public health
- Epidemiology
- Research methods and critical appraisal
- Essential statistics in health and medical care
- Health protection
- Global public health
- Health economics
- Nutrition in public health

What are the benefits?
The course is designed to meet the educational needs of those delivering and managing the public health and/or environmental agenda. Teaching sessions are delivered by academics and practitioners who are active in the field, empowering course participants to develop public health practice which has a positive impact on their community. The course prepares students to pursue careers related to public health in a range of national and international public and non-governmental organisations.

“The MSc Public Health course went beyond my expectations for a Masters course, and was definitely what I hoped for when I took the decision to study at BSMS. The course is designed to reflect research practices in real-world contexts as it is delivered by experts who are already working and making significant contributions to public health research. I am now able to walk into a research environment with increased confidence because of the skills that I have gained during the course.”

Joshua Tendai Matizanadzo
MSc Public Health graduate from Zimbabwe
MSc • PGDip • PGCert

Start date
September 2020

Mode of study
Full-time: 1 year

Course Principal
Professor Malcolm Reed

Course Leader
Ms Anouk van der Avoirt

Entry requirements
Applicants should have the equivalent to an undergraduate medical degree, and should be able to demonstrate an ability to study at this level. It is expected that students will be in clinical practice throughout the programme.

Applications will also be considered from other professionals in appropriate clinical practice (theatre and surgical practitioners and physician associates).

A minimum IELTS score of 7.0 is required.

Further information +44 (0) 1273 643529 • bsms.ac.uk/surgical-studies
**About this course**
This course is designed to provide and prepare trainee surgeons for advanced posts and practice. It is modular and comprises six one-week teaching blocks. The course is not designed to duplicate the preparation for the Royal College exams; instead it will cover topics not routinely covered by standard training or included in mainstream textbooks. The emphasis is on acquiring knowledge and skills which will prepare students for advanced practice in surgery.

**Who is it for?**
Designed for surgical trainees, the course is also suitable for other practitioners wanting a more in-depth understanding of the field of surgery and all that it encompasses.

**Key areas of study**
Three clinical modules:
- Advanced professional issues in surgery
- Perioperative care in surgery
- Principles and practice of simulation in surgery

Three professional modules:
- Research methods and critical appraisal
- Leadership and change management in clinical services
- Communication, learning and teaching in health and social care

Research-based dissertation

**What are the benefits?**
This course will support the professional who is looking to become a better-rounded surgical expert. It will marry theory with practical skills in a variety of subjects to produce a thorough learning experience. The professional modules encompass the three crucial areas of research, leadership and education to equip the surgical leaders of tomorrow with the knowledge and skills necessary for their jobs.

“We are excited about the development of this new course at BSMS. We have designed it to go beyond normal training opportunities to provide insights and learning which you can’t get from textbooks. We want to promote surgery as an advanced clinical and academic discipline within future healthcare.”

**Ms Anouk van der Avoirt**
Course Leader
Research programme

At BSMS postgraduate research ranges from basic science through clinical projects to medical ethics and social science. Our academic departments and research environment provide postgraduate students with opportunities for interdisciplinary interactions.

BSMS postgraduate research degrees are jointly awarded by the University of Sussex and the University of Brighton. We offer the degrees of Doctor of Philosophy (PhD) and Doctor of Medicine (MD). Our academic supervisors cover a wide span of research interests, from laboratory-based research and medical imaging to clinical or epidemiological studies. Other projects may see a focus on medical ethics or interdisciplinary research.

The neighbouring Schools of Life Sciences and Psychology at the University of Sussex and Pharmacy and Biomolecular Sciences at the University of Brighton ensure a lively research environment. Some of our students are part of larger research centres of the two universities, such as Sussex Neuroscience, the Brighton Centre for Regenerative Medicine and Devices and Centre for Stress and Age-Related Disease.

We have PhD students from all over the world, including China, Cyprus, Ethiopia, France, Sudan and many other countries.

Career opportunities
A PhD at BSMS aims to develop the necessary skills to work as a researcher. Our PhD and MD graduates have progressed into clinical academic careers, are working in biomedical science companies or continue to work in academic science.

Specialist facilities
Our Medical Research Building provides an outstanding resource for around 50 medical research scientists. Laboratory facilities include molecular biology equipment, tissue culture labs, advanced microscopy equipment and flow cytometry. Our Clinical Imaging Sciences Centre offers state-of-the-art MRI scanners and psychology laboratories for research in neuropsychiatry, neuroinflammation and neuroscience.

We run a vibrant global health research programme with academic links around the world via the Wellcome Trust Brighton and Sussex Centre for Global Health Research and the NIHR Global Health Research Unit for Neglected Tropical Diseases.

Faculty research interests
- Cancer
- Cell and developmental biology
- Elderly care and stroke
- Global health
- Imaging
- Infection and immunology
- Medical education
- Medical ethics
- Digital health
- Neuroscience, psychiatry and dementia studies
- Paediatrics
- Primary care and health services
- Rheumatology

Current PhD thesis titles include:
- Analysing Neuroinflammation and Neurodegeneration in Amyotrophic Lateral Sclerosis; Quantitative Imaging in a Clinical Trial.
- Using high quality HCP (Human Connectome Project) MRI to investigate effects of mild inflammation on brain function in ME/CFS.
- Host immune responses and their role in the pathogenesis of podoconiosis.
- Pathophysiology and prognosis of septic and dengue shock in Vietnam.
- Interoception and preventative intervention for anxiety in adults with autism.
- New drugs for MDR-TB; characterisation of efflux pumps and their inhibitors.
- Novel roles for ribonucleases in cell proliferation: understanding the role of RNA stability in control of cell proliferation.

“My PhD at BSMS allowed me to engage in top-level research and to publish four papers that helped me secure a postdoctoral position at the University of Oxford.”

Dr Ilaria Cervellini
Postdoctoral Research Fellow
Our teachers

**Professor Kevin Davies**
Course Principal
Internal Medicine

Kevin Davies is a Consultant Rheumatologist and Head of the Department of Clinical and Experimental Medicine at BSMS. In addition he is Special Project Advisor for Europe for the Royal College of Physicians and is actively engaged in developing closer links with European medicine, both clinically and academically. Kevin helped establish BSMS in 2002.

**Dr Ursula Davies**
Course Leader
Internal Medicine

Ursula Davies is a Consultant Physician and Rheumatologist at Surrey and Sussex NHS Trust and Honorary Clinical Senior Lecturer at BSMS. She is Training Programme Director in Internal Medicine for Health Education England (London and South East) and a member of the Royal College of Physicians Internal Medicine Specialty Advisory Committee. Ursula also has a Masters in Postgraduate Medical Education.

**Breda Flaherty**
Course Leader
Healthcare Leadership and Commissioning

Breda Flaherty is a faculty lead for the Aspiring Chief Executives Programme at the NHS Leadership Academy, and a former Leadership Associate at the Kings Fund. Breda focuses on developing leaders in clinical and care settings and changing organisations. The BSMS Healthcare Leadership and Commissioning course attracts multidisciplinary staff from across the NHS in clinical, managerial, commissioning and service improvement roles.

**Dr Anne Gatuguta**
Course Leader
Global Health

Anne Gatuguta has a background in clinical medicine and worked in the private and public health sectors in Kenya for over 10 years. Prior to joining BSMS, she completed a PhD in Public Health and Policy at the London School of Hygiene & Tropical Medicine. Anne has also been involved in teaching undergraduate and postgraduate courses in epidemiology, research and public health, as well as conducting healthcare research.

**Caroline Hopper**
Senior Lecturer
Healthcare Leadership and Commissioning

As an Executive Director in the NHS for over 12 years, Caroline Hopper has extensive experience in the fields of health policy, strategy and service improvement and systems change. In teaching at BSMS, Caroline is particularly interested in supporting postgraduate students to integrate their academic learning with their professional roles in order to develop themselves and their service. She also works as a consultant in health and social care.

**Jackie Knight**
Course Leader
Clinical Professional Studies

Jackie Knight has a combined experience of healthcare provision and academic management. She has clinical specialisation in mental health and psychiatric practice. Jackie’s areas of expertise include healthcare leadership and management; change management and workforce development; medical and healthcare education; work-based and experiential learning; service improvement and professional development.
Our teachers

**Dr Muzaffar A Malik**  
Senior Lecturer  
Essential Statistics

Muzaffar Malik has worked in clinical research and public health for over two decades in roles with the NHS, the World Health Organisation, the medical industry and academia. Muzaffar has been lecturing on medical statistics and research methods since 2006. His areas of expertise are applied medical statistics and clinical epidemiology. Muzaffar also has a special interest in clinical research related to the new European medical device regulations.

**Dr Sarah Marshall**  
Course Leader  
Global Pharmacy

Sarah Marshall has worked in community and hospital pharmacy, clinical trials, and academia in the Middle East, the Netherlands and the UK. Her PhD looked at developing new medicines for malaria from plant remedies. Other interests include access to medicines and the role of pharmacy in humanitarian responses.

**Professor Somnath Mukhopadhyay**  
Course Principal  
Paediatrics and Child Health

Somnath Mukhopadhyay is Chair of Paediatrics at the Royal Alexandra Children’s Hospital. His principal interest lies in exploring new, more personalised therapeutic approaches to improve care in children with asthma and allergy, and the progress of his research has been widely reported by the national and international press.

**Dr Sean O’Nunain**  
Course Leader  
Cardiology

Sean O’Nunain is a Consultant Cardiologist/Electrophysiologist at the Sussex Cardiac Centre, Brighton. His specialist interests are in ablation for the treatment of supraventricular and ventricular arrhythmias and complex devices including implantable cardioverter defibrillators and cardiac resynchronisation therapy.

**Dr Kamal Patel**  
Course Leader  
Paediatrics and Child Health

Kamal Patel works full time as a Consultant Paediatrician and is the Clinical Lead for Level 2 Paediatric Critical Care; he developed the unit’s expertise in paediatric acute non-invasive ventilation, leading to two national Innovation Safety awards in 2016 and the Kent Surrey and Sussex Leadership award in Quality and Safety in 2017. Kamal is an enthusiast for holistic care, which has led him to develop expertise in several complementary and alternative medicine approaches.

**Dr Priya Paudyal**  
Course Leader  
Public Health

Priya Paudyal previously worked as a researcher at Peninsula Medical School and the University of Aberdeen. Her current research interests are in the field of migration and respiratory disease. She is particularly interested in the health and wellbeing of migrant workers and their left behind families. She has methodological expertise in evidence synthesis and has published several systematic reviews in the areas of asthma, cancer and complementary therapies.
Our teachers

Dr Naji Tabet
Course Leader
Dementia Studies

Naji Tabet’s clinical and academic interests and expertise are in the field of dementia. He is the Clinical Lead for the Dementia Research Unit at Sussex Partnership NHS Foundation Trust, which is dedicated to advancing the treatment of Alzheimer’s disease and other dementia disorders. Dr Tabet is also researching non-pharmacological interventions for Alzheimer’s disease.

Ms Anouk van der Avoirt
Course Leader
Surgical Studies

Anouk van der Avoirt has always had a particular interest in teaching and training, she has been the local Programme Director for Higher Surgical Trainees for many years, and was Training Programme Director for Core Surgical Training in KSS for seven years. She is responsible for the undergraduate paediatric surgical curriculum at BSMS. Anouk also runs the Care of the Critically Ill Surgical Patient (CCrisp) course in Brighton, to which her Masters students will have priority access.

Dr Poothirikovil Venugopalan
Deputy Course Leader
(Cardiology; Paediatrics and Child Health)

Poothirikovil Venugopalan is a Consultant Paediatrician who has worked in paediatrics and child health for 30 years. He has participated in a number of clinical research projects and authored around 100 Medline indexed publications. He is also the Chair of the Diploma of Child Health Clinical Examinations and Paediatricians with the Cardiology Expertise Special Interest Group.

Dr Trevor Welland
Course Leader
Medical Research

Trevor Welland is a Sociologist, and has taught research methods at UCL Medical School and at the Institute of Psychiatry, KCL. At BSMS Trevor teaches research methods to postgraduate students. He also co-ordinates dissertations and supervises PhD students. Trevor’s research and publications profile are predominantly linked to his interest in occupational socialisation.
How to apply

All applications for BSMS postgraduate taught courses are managed by the University of Brighton.

STEP 1

Apply online for your chosen course via the ‘Apply now’ link on the BSMS course web pages.

bsms.ac.uk/postgraduate/apply-now

After submitting your application, the University of Brighton will send you an acknowledgement email. You will also receive an email inviting you to activate your University of Brighton IT user account, which will allow you to track and manage your application online.

STEP 2

Your application will be reviewed by an admissions panel. Shortlisted applicants are normally interviewed via Skype.

If you require a TIER4 visa to study in the UK, you will need to complete a CAS questionnaire on your Student Central account. You will also be required to pay the international tuition fee deposit.

For information about visas please visit: brighton.ac.uk/international/applying-here//visas-and-immigration

If your application is successful you will receive an offer of a place on the course.

STEP 3

Once you have firmly accepted your offer you will receive further information about enrolment and induction.

For all enquiries except Global Health and Global Pharmacy:
• +44 (0) 1273 643529
• brighton.ac.uk/enquiries
• bsms.ac.uk/postgraduate

For Global Health and Global Pharmacy enquiries:
• +44 (0) 1273 876670
• globalhealthteaching@bsms.ac.uk

For research degrees:
• researchdegrees@bsms.ac.uk

For general information on studying at the Universities of Sussex or Brighton, please visit sussex.ac.uk and brighton.ac.uk.

View this prospectus as a pdf at bsms.ac.uk/postgraduate/international

Course fees

Where courses are taken part-time over more than one academic year, fees are usually charged pro-rata for the modules taken during each academic year. There may be a small increase in fees each year in line with inflation.

Fees in 2019/20:

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The course fees have not yet been agreed for 2020/21. Please check the BSMS website for current fee information.
How to find us

See bsms.ac.uk for directions

Distance from BSMS:

- **Gatwick Airport** – 28 miles
  - 35 minute drive
  - 45 minute train

- **Heathrow Airport** – 64 miles
  - 1 hour 10 minute drive
  - 2 hour train

- **Central Brighton** – 4 miles
  - 15 minute drive
  - 10 minute train

- **Central London (Victoria)** – 53 miles
  - 1 hour 30 minute drive
  - 1 hour 20 minute train

BSMS makes every effort to ensure the accuracy of all information in this prospectus. However, at the time of going to press some finer points of curriculum planning, fees and other school procedures remain under development. Visit bsms.ac.uk/postgraduate/international for the latest developments.

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Cardiology
Clinical Professional Studies
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Global Health
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Internal Medicine
Medical Research
Paediatrics and Child Health
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