

Urology

Postgraduate Diploma and MSc Courses



**THE UNIVERSITY OF
BUCKINGHAM**



Postgraduate Diploma

Delivered over 1 year, the online, part-time, Postgraduate Diploma course is specially developed for busy health professionals. Formatted in 6 modules, each 6 weeks in duration; the course is designed to be practical and clinically focused.

MSc

The MSc runs over 2 calendar years, with the first year comprising of the Postgraduate Diploma. The second year begins with an 8-week focus on research methods, covering research techniques, evidence-based practice, and health evaluations. Students then develop a Professional Project (dissertation), considering the necessary ethical issues required by the University.

Why study Urology with us?

Our Urology programme will equip the individual with a systematic understanding of urology, and application of knowledge for direct patient benefit/service development and future study. Demonstrate the ability to lead complex tasks and processes in the delivery and advancement of clinical care using knowledge of urology

Our Urology programme will equip students with life-long learning and advanced problem-solving skills that they can apply knowledge of urology to clinical practice. Enabling graduates to deliver leadership to teams in multi agency, multi-cultural and/or international contexts.

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Our courses in Urology equips healthcare professionals with advanced skills to excel in rapidly evolving medical scenarios. This programme is ideal for those seeking to enhance their expertise in a geriatric care setting.

Prof Gareth Brown, Learna | Diploma MSc Programme Leader

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Urology Postgraduate Diploma

Course Modules

Our online Urology Postgraduate Diploma allows you to study for just one calendar year and is a part-time, online course. The course is worth 120 credits and comprises six modules of 20 credits, each running over a period of six weeks.

Module 1 - Lower Urinary Tract Symptoms

Aim of the module:

Apply an advanced understanding of lower urinary tract anatomy, physiology and pathophysiology to the clinical assessment, investigation and management of lower urinary symptoms.

Synopsis of module content:

- Anatomy, Physiology and pathophysiology of the Lower Urinary Tract
- Investigation and Diagnosis of the Lower Urinary Symptoms (LUTS)
- Conservative and pharmacological treatment of benign prostatic enlargement (BPE) and lower urinary tract symptoms (LUTS)
- Surgical treatments for benign prostate enlargement (BPE) and lower urinary tract symptoms (LUTS)
- Management of overactive bladder (OAB)
- Management of Nocturnal Polyuria

On completion of this module, students will be able to:

1. Develop a systematic understanding and critical knowledge of the anatomy, physiology and pathophysiology of the lower urinary tract as well as in the diagnosis, investigation and management of the person presenting with lower urinary tract symptoms.
2. Critically evaluate the evidence relating to the diagnosis, investigation and management of lower urinary tract symptoms.

Module 2 - Prostate and Bladder Cancers

Aim of the module:

To develop an in-depth understanding of the presentation, investigation and management of Prostate and Bladder cancer.

Synopsis of module content:

- Incidence, presentation and investigation of prostate cancer
- Diagnosis and staging of prostate cancer
- Treatment of prostate cancer
- Presentation and investigation of bladder cancer
- Diagnosis and staging of bladder cancer
- Treatment of bladder cancer

On completion of this module, students will be able to:

1. Develop a critical knowledge and understanding of the incidence, presentation, diagnosis, investigation and management of prostate and bladder cancer.
2. Critically evaluate current research and guidelines related to the diagnosis and management of prostate and bladder cancer.

Module 3 - Urinary Tract Infections

Aim of the module:

Develop a comprehensive understanding of the presentation, diagnosis and management of patients with urinary tract infections (UTIs).

Synopsis of module content:

- Incidence, risk factors and pathogens
- Investigation and diagnosis
- Management of urinary tract infections (UTIs)
- Recurrent urinary tract infections (UTIs)
- Prostatitis
- Epididymitis and Orchitis

On completion of this module, students will be able to:

1. Develop a critical knowledge and understanding of the diagnosis, investigation and management of urinary tract infections to include prostatitis, epididymitis and orchitis.
2. Critically evaluate the current research and guidelines relating to the presentation, diagnosis and management of urinary tract infections, prostatitis, epididymitis and orchitis.

Module 4 - Renal, Penile and Testicular Cancers

Aim of the module:

Develop an in-depth understanding of the presentation, investigation and management of renal, penile and testicular cancer.

Synopsis of module content:

- Renal cancer - Presentation, investigation and staging
- Renal cancer - Treatment
- Testicular cancer - Presentation, investigation and staging
- Testicular cancer - Treatment
- Penile cancer - Presentation, investigation and staging
- Penile cancer - Treatment

On completion of this module, students will be able to:

1. Demonstrate an in-depth understanding of the recognition, investigation, staging and management of renal, penile and testicular malignancies.
2. Systematically and critically evaluate current research and guidelines relating to the diagnosis, investigation and management of renal, penile and testicular malignancies.



Doing a course, all online is a lot more convenient for me around my clinical role so that's why I chose to study with Learna... I really like how flexible the course was, I liked the freedom I got with the professional project and I was well supported throughout the whole 2 years!

- Lisa Jayne Edwards, Medical Education MSc graduate

Module 5 - Renal Tract Stones and Obstruction

Aim of the module:

Develop a comprehensive understanding of renal tract stones and their investigation and management.

Synopsis of module content:

- Pathophysiology of stone formation
- Stones and upper tract obstruction.
- Presentation and investigations
- Management of acute stones
- Management of recurrent stones
- Stones and infection

On completion of this module, students will be able to:

1. Develop a systematic understanding and critical knowledge of the diagnosis and management of renal stones, including the pathophysiology of stone formation and the principles of stone prevention.
2. Critically evaluate the evidence relating to the diagnosis, investigation and management of renal stones

Module 6 - Erectile Dysfunction and Peyronie's Disease

Aim of the module:

Develop an in-depth knowledge and understanding of erectile dysfunction and Peyronie's disease.

Synopsis of module content:

- Epidemiology and causes of erectile dysfunction
- Investigations
- Management
- Anatomy and physiology of Peyronie's Disease
- Investigation and examination of Peyronie's disease.
- Management of Peyronie's disease

On completion of this module, students will be able to:

1. Develop a critical knowledge and understanding of the pathophysiology, assessment and management of erectile dysfunction and Peyronie's disease.
2. Critically evaluate the evidence and guidelines relating to the diagnosis, investigation and management of erectile dysfunction and Peyronie's disease including understanding the underlying pathophysiology.



"When I enrolled into the course I had no idea about the opportunities it would provide me with. Having my first paper published through this course helped me overcome my apprehensions of academic writing and made me more confident to pursue it further. "

Rutu Dave

Module 7: Professional Project

Aim of the module:

The Research Methodologies and Critical Appraisal element of the module will help students recognise, understand, interpret and apply methods used in healthcare research and critically appraise the various methodologies related to the specialty.

The Professional Project Proposal and Professional Project elements will develop students' ability to critically appraise specific areas of clinical, research and/or organisational practice and develop skills in independent research, study and writing for publication.

Synopsis of module content:

Research Methodologies and Critical Appraisal:

- Key epidemiological terms: prevalence, incidence, sensitivity, specificity, false positives/negatives.
- Interpretation of data visuals: Kaplan-Meier curves, forest plots, meta-analyses.
- Research calculations: relative/absolute risk, number needed to treat.
- Statistical tests: t-tests, ANOVA, chi-square.
- Qualitative research methods.
- Basics of evidence-based practice in clinical settings.
- Health economics, audit, and quality improvement principles.
- Importance of patient and disease-specific registers.
- Research on educational methods for healthcare providers and patients.

Professional Project: Students will complete a subject-related project relevant to their practice, which may include:

- Literature review and evidence appraisal.
- Practice audit (clinical or organisational).
- Review and application of evidence-based practice.
- Qualitative or quantitative research.
- Case-based and quality of service review with critical appraisal.
- Case report, literature review, or organisational assessment.

On completion of this module, students will be able to:

1. Select and apply different methodological perspectives and tools to answer research questions in the field.
2. Critically analyse and interpret research in the subject area.
3. Critically evaluate practice and suggest improvements or change.
4. Incorporate knowledge of the research process in developing services appropriately.
5. Critically analyse and interpret research to assess its application to delivery/service development.
6. Evaluate ethical considerations in research and the process of engagement with ethical committees.
7. Design and undertake a professional project related to the field of practice in order to produce an extensive piece of literature which may be suitable for peer-reviewed publication.
8. Create evidence-based recommendations to add to the knowledge base of the subject area.
9. Demonstrate critical evaluation skills enabling an in-depth critique of the academic literature.



Teaching Methods

Our courses are conducted entirely online through our online learning platform. However, you will receive guidance throughout with tutor-stimulated academic discussions, which are based on clinically-rich case scenarios. These usually occur within groups of 10-15 students, allowing you to clearly communicate with both your tutor and fellow students.

You will participate in a combination of group and individual activities, which are recorded in a reflective journal. This innovative teaching method enables you to envisage the translation of your studies into your every day work and practice.

Our dedicated Student Support Team are also available to help with any problems you may face. From navigating our online platform to advising you on deadlines, our team can assist with any questions or challenges you may have along the way.

Study skills week

Once you have secured your place on the course, you will be required to attend our Study Skills week. This will give you the opportunity to participate in workshops on Harvard referencing, scientific and reflective writings, and levels of evidence in preparation for your studies. It is compulsory for you to attend this induction, as it'll provide you with a sturdy introduction to the course.

Urology: Postgraduate Diploma and MSc Courses

Entry Requirements

English Requirements

- IELTS with an overall score of 6.5 or above.
- GMC / NMC (Nursing Midwifery Council) / GPhC / HCPC registered – with a licence to practise.
- Proof of study at a UK, USA, Australian, New Zealand or Canadian University or membership to a medical body from one of these countries.

Educational Requirements

- Possess an undergraduate degree in a relevant subject awarded by a UK university or overseas equivalent.
- Provide evidence in the personal statement as to how they can apply learning to a practical setting and reflect on practice.
- Basic IT skills (e.g. word processing, email and internet).
- If English is not the student's first language they must hold an English language qualification.

Health professionals working within a clinical setting, both UK and overseas, with a related Healthcare Science degree (including international qualifications) are eligible to apply for the Urology courses.

Applicants without the above academic criteria but relevant/ suitable experience can apply. Applications will be judged on the individual specifics of background and qualifications including ability to work at Postgraduate level (applicants may be asked to submit a piece of work for assessment to confirm that they are able to work comfortably at postgraduate level and demonstrate requisite clinical/professional knowledge).





What do our students think?

Since 2010, over 8000 students have progressed their medical career by enrolling in one of our qualifications. We ourselves have learned a lot during this time and continually seek to improve the student learning experience. Here is what some of our previous students have said:

"I found the online learning very interesting. It enabled me to save money and time."

Dr Imad Eddin Rahamtalla, Doctor

"I strongly recommend Diploma MSc to all those busy physicians who are working in remote areas and wish to upgrade their knowledge."

Dr Junaid Zaffar, Diabetologist

"The learning was fun and enjoyable. The course was awesome and it increased my confidence."

Dr Sankar Nath Jha, Assistant Professor

"I found learning with Diploma MSc interesting, it helped to update my academic knowledge."

Dr Prasanth Kinattapurayil, Doctor

"I love that it was flexible and that I could log in at my convenience. I found this course to be very in-depth, informative, challenging and stimulating."

Kerri-Ann Best PGDip, RD



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admissions@learna.ac.uk
or call +44 (0) 29 2192 1312