Why study this course?

This 12-week online course, starting in April and October, will help you to develop a comprehensive, in-depth knowledge of immunocytochemistry (ICC) practice in the setting of diagnostic cellular pathology and an appreciation of ICC applications in selected diagnostic areas within modern cellular pathology services.

It is suitable for:
- Biomedical scientists
- Clinical scientists
- Research scientists
- Laboratory service managers
- Other healthcare professionals, including assistant medical officers and assistant practitioners.

What will I study?

The course includes two face-to-face workshops complementing your guided online study. Workshop 1 is an introduction to e-learning, your tutor and your course.

Workshop 2 focuses on course consolidation. You will study:
- The fundamentals of histological preparation
- Antibodies as ICC tools
- ICC staining techniques
- Antigen retrieval
- Quality assurance
- Automation
- Immunocytochemical applications in practice.

Why study with us?

- We offer you a high level of learning support with a tutor:student ratio of 1:10
- Completing the course will earn you 100 continuing professional development points from the Institute of Biomedical Science (IBMS), the leading body for those working in the field
- Our courses are mapped to the NHS Knowledge and Skills Framework, designed to support personal
development and career progression within the National Health Service

- Our courses offer you a flexible, practical way to learn, either for continuing professional development or towards an MSc.

**Fees information**
The schedule of fees is available at [www.gre.ac.uk/biomed](http://www.gre.ac.uk/biomed). There is a discounted fee for members of the IBMS and students who work at an organisation represented on the Biomed Online Consortium. Please see the website for the consortium members.

**More online courses**
- Advanced Human Genetics
- Analysis of Nucleic Acids
- Blood Transfusion
- Chromatography-Mass Spectrometry Analysis in Healthcare Settings
- Clinical Data Interpretation
- Diagnosis of Breast Cancer
- Governance and Risk Management
- Implementing Advanced Quality Management
- Lung Disease
- Management of Healthcare Associated Infection
- Managing Learning and Development in Healthcare
- Point of Care Testing
- Quality Systems Management
- Renal Disease
- Robotics and Automation.

**For further information**
To find out more, or to make a booking, please visit [www.gre.ac.uk/biomed](http://www.gre.ac.uk/biomed).

**Key facts**

**Attendance:** 12 weeks (online)

**Entry requirements:**
This course is aimed at employees across the health sector. You may already have a qualification in a science such as biology, biochemistry, chemistry or pharmacy at a range of levels from HNC or BSc to PhD.

**Qualifications:**
Each of our online short courses is worth 30 credits at FHEQ Level 7 (Master’s level). You can complete four online short courses plus a workplace-based project in up to six years for an MSc accredited by the IBMS. A PGDip is awarded for four courses alone.

**How to apply:**
Telephone: 020 8331 9978
Fax: 020 8331 8060
E-mail: biomed@gre.ac.uk
Student feedback

“The course helped me develop the very basic knowledge I had of immunocytochemistry. The balance of online tasks with graded assignments is spot on and the tutors are good for quick feedback and guidance.”

Jill Miller
Cytology Department, University College Hospital

“I decided to study this course because immunocytochemistry is a widely used technique in both diagnostics and research. The course increased my understanding of the underlying principles of the technique which is vital for troubleshooting with an emphasis on all the histological processes involved. It was a good opportunity to learn more about how immunostaining is used and applied in particular diagnostic settings.”

Rosalind Brewer
Cytology Department, William Harvey Hospital

“Good, useful course covering a varied field within immunohistochemistry. Very helpful, friendly and approachable tutors.”

Annette Lane
Institute of Cancer Research, London

“Whether you have lab experience or not, the course is very interesting and covers all areas of ICC. The chat sessions are also insightful, as we share laboratory practice and experiences with other healthcare professionals.”

Grant Halliday
Pathology Department, Royal Infirmary of Edinburgh

“The course has really helped me in the workplace. The tutors all had extensive immuno experience within the NHS which they were happy to share. The weekly chat sessions were great for finding out what methods people in labs across the country were using.”

Carol Taylor
Histopathology Department, Warrington and Halton Hospitals NHS Foundation Trust