

MEDICAL SCIENCES



My study abroad experience at UCL has benefited me by providing me with a more global view of the world. I have learned so much culturally as well as academically. UCL has enlightened me both with a new, more dynamic perspective and stimulated me with a variety of knowledge in my programme of study.

Living and studying in London is a wonderful opportunity not to miss out on. I was able to travel all over Europe, while studying at UCL. I also was able to enjoy the flourishing culture here and take part in the unique cultural experience London has to offer – including going to local markets and cafés as well as sightseeing and enjoying the expansive architecture, theatre, and museums at a discounted rate.



Elizabeth Weiss
George Washington University
Washington, USA

INFECTION AND IMMUNITY

The Division of Infection and Immunity has a tradition of expertise, including important advances such as the principle of recognition and rejection of foreign grafts by the immune system, the basis of autoimmunity and the first visualisation by electron microscopy of hepatitis B virus particles.

Why study Infection and Immunity at UCL?

Our aim is to link fundamental laboratory research (embracing immunology, virology, microbiology and autoimmunity) with the specialised clinical interests of the hospitals associated with UCL. This link provides a unique research environment within the UK, and our cutting-edge research is used to inform and shape the courses you will take.

What you will gain from study at UCL

You will be taught by experienced and enthusiastic staff, and benefit from provision of clear course objectives and web-based course support information. Effective and supportive monitoring is provided through course tutors and a Teaching Administrator who acts as a central information and referral point.

Teaching and Assessment

Assessment usually is by in-course assessment (essays and presentations) and examination, the latter accounting for 80% of marks. Examinations are held in May and special arrangements can be made for semester-only students.



LEVEL 2 COURSES

INFN2001

Infection

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Provides a basic foundation in infection.

IMMN2001

Immunology

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

The aim of the course is to provide a basic understanding of the immune system in health and disease, and how it provides protection against pathogens.

LEVEL 3 COURSES

INIM3002

Immunology in Health and Disease

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Extends understanding of immunology from cellular and molecular anatomy of the immune system and the principles of immune responses, through to advanced understanding of the role of immunology in health and the mechanisms of immunopathogenesis in disease.

INIM3003

Infectious Agents

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Provides an overview of the infections of humans. Encompasses the basic biology of the infectious agents, the factors they must overcome to establish and persist in a host, and approaches to treatment, prevention and control.

Extended descriptions of the courses available can be found by visiting the web address at the top of this page

Contact Name

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Availability

Year
Fall Term
Spring Term

Tuition Fees

£18,500 (for full explanation of tuition fees please see page 165)

Related courses can be found in these departments:

- Biomedical Sciences and Neuroscience, page 102

**INIM3004****Cellular Pathology**

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Cellular pathology encompasses the mechanisms by which dysfunction of cellular processes contributes to the pathogenesis of disease. Provides understanding of key cellular processes and dysfunctions, and introduces experimental approaches for studying.

INIM3005**Immunodeficiency and Therapeutics**

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Both genetic (primary) and environmental (secondary) causes of immunodeficiency will be discussed, together with treatment options and research which aims to transform gene therapy into a 'routine' procedure.

INIM3006**Allergy, Immunodeficiency and Transplantation**

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Focuses on the mechanisms by which the immune system can cause diseases by inappropriate immune responses against self or transplanted tissues.

INIM3007**Viruses and Diseases**

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Based on a major strength in experimental and clinical virology at UCL, this course provides understanding of the principles of virus replication, the interaction between a virus and its host and broad knowledge of individual virus infections.

INIM3008**Microbial Pathogenesis**

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Focuses on bacterial, fungal and parasitic pathogens that cause human disease, covering the role of microbial virulence factors and the host-pathogen interactions that mediate disease and hence inform clinical management strategies.

INIM3009**Neoplasia and its Treatment**

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Explores the processes and molecular mechanisms that underpin neoplastic transformation, tumour invasion and metastasis, with reference to specific haematological and solid tumours.

VIRL3001**Molecular Virology**

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This course covers molecular aspects of viruses and the infections they cause, focusing particularly on herpesviruses and retroviruses.