Fairytale-themed tiles by Margaret E Thompson, dating from the early 1900s, in UCL’s Cruciform Building (formerly University College Hospital). The tiles, in the former children’s ward, were rediscovered during the conversion of the building into a teaching facility for UCL medicine and biosciences students.
Understanding human health is fundamental to our society; it necessitates being able to combine study in human biology and medicine, requires creativity, and is intellectually demanding. Tackling the complexities of disease in the constantly changing landscape of discovery and treatment offers many exciting challenges to applied medical scientists.

Subject overview

<table>
<thead>
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<th>Total intake</th>
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<tbody>
<tr>
<td>(2017 entry)</td>
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<td>Applications per place</td>
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<td>Research Excellence Framework (REF)</td>
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<tr>
<td>80% rated 4* ('world-leading') or 3* ('internationally excellent')</td>
<td></td>
</tr>
<tr>
<td>First career destinations (2013–2015)</td>
<td></td>
</tr>
<tr>
<td>• The first cohort of students admitted to Applied Medical Sciences programmes at UCL is due to graduate in 2017. Therefore, information about career destinations for students on these programmes is not yet available</td>
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</tr>
</tbody>
</table>

Contact details

Dr David Spratt (Admissions Tutor)
Miss Carolyn Cohen (Senior Administrator)
- bams-admissions@ucl.ac.uk
- +44 (0)20 3108 9208

For more information, including programme structure visit:
www.ucl.ac.uk/prospectus/appmedsci

Applied Medical Sciences MSci

UCAS: 3F76 • 4 years

A levels: AAA-AAB. Biology and Chemistry required. Standard GCSE offer (see page 31), except English Language and Mathematics at grade B.

IB Diploma: 36-38 points. A total of 17-18 points in three higher level subjects including Biology and Chemistry, with no score below 5.

Other qualifications: see www.ucl.ac.uk/otherquals

This programme fuses science with medicine, enabling graduates to translate scientific advances into clinical practice. Students learn to understand both science and the foundations of medicine, including the mechanisms of disease and how diseases are treated. Graduates will be empowered to work at the highest levels within the biomedical sciences.

Years one, two and three follow the same structure as the Applied Medical Sciences BSc. Year four, the MSci year, will allow you to specialise further and to develop research competence in your chosen area. All teaching will be research-informed. You will be working alongside scientists who are at the forefront of research in their field. In addition, you will undertake a substantial research project which will enhance your critical thinking and creativity.
The first year of the Applied Medical Sciences BSc offers an intense, in-depth study of general human biology. It is based around online lectures with complementary tutorials, supported by teaching fellows that you meet regularly to consolidate your learning. The programme will require you to master time management and self-motivated study – both key to succeeding with any degree. UCL offers a wealth of resources to help you throughout your study and time in London.

The degree brings you into regular contact with leading scientists and researchers in their fields, as well as notable guest speakers. You are encouraged to find what it is you ‘want’ to do – what really gets you interested. The Applied Medical Sciences degree will challenge you more than just intellectually.

Louisa Wilson
Applied Medical Sciences BSc
Second Year

“The first year of the Applied Medical Sciences BSc offers an intense, in-depth study of general human biology. It is based around online lectures with complementary tutorials, supported by teaching fellows that you meet regularly to consolidate your learning. The programme will require you to master time management and self-motivated study – both key to succeeding with any degree. UCL offers a wealth of resources to help you throughout your study and time in London.

The degree brings you into regular contact with leading scientists and researchers in their fields, as well as notable guest speakers. You are encouraged to find what it is you ‘want’ to do – what really gets you interested. The Applied Medical Sciences degree will challenge you more than just intellectually.”
Cancer Biomedicine BSc

UCAS: B800 • 3 years

A levels: AAA-AAB. Biology and Chemistry required. Standard GCSE offer (see page 31), except English Language and Mathematics at grade B.

IB Diploma: 36-38 points. A total of 17-18 points in three higher level subjects including Biology and Chemistry, with no score below 5.

Other qualifications: see www.ucl.ac.uk/otherquals

Cancer poses a significant health and socioeconomic burden to society. In this unique degree you will be taught by researchers working at the forefront of basic, translational and clinical cancer research. Knowledge of cancer is widely relevant to careers in biomedical research, health science, allied health professions and the pharmaceutical industry.

In year one, students will explore the foundations of human physiology and disease, including a module that introduces students to a deeper understanding of cancer and its impact on society. In year two, students receive more specialised training and will select from a number of optional modules concerning, among other subjects, behavioural science, tissue engineering and regenerative medicine, pharmacology, immunology, and health psychology. In year three students have the opportunity to undertake a unique research project in the laboratories of world class cancer researchers.

UCL Cancer Institute is dedicated to discovering new techniques in cancer treatment that can make a real difference to the lives of patients. Our understanding of the biology of cancer development, metastasis and treatment is evolving continuously – knowledge that will be imparted to students through this research-connected curriculum.

Subject overview

Total intake  n/a
(2017 entry)

Applications per place  n/a
(2016 entry)

Research Excellence Framework (REF)
80% rated 4* ('world-leading')
or 3* ('internationally excellent')

First career destinations (2013–2015)
• The first cohort of students admitted to the Cancer Biomedicine BSc at UCL is due to graduate in 2021. Therefore, information about career destinations for students on this programme is not yet available

Contact details
Dr Chrisie Thurlwell (Admissions Tutor)
e christina.thurlwell@ucl.ac.uk

Ms Lauren James
(Departmental Administrator)
e l.e.james@ucl.ac.uk

+44 (0)20 7679 6655

For more information, including programme structure visit:
www.ucl.ac.uk/prospectus/cancer
If you are passionate about improving people’s lives and motivated to meet the highest standards, there are few more rewarding or respected careers than medicine. The UCL Medical School includes world-famous institutions and you will be taught by professionals at the forefront of their fields.

Subject overview

Total intake 322 (2017 entry)
Applications per place 7 (2016 entry)
Research Excellence Framework (REF)
80% rated 4* ("world-leading") or 3* ("internationally excellent")
First career destinations (2013–2015)

- Junior Doctor (Foundation Year One), Heart of England NHS Trust
- Junior Doctor (Foundation Year One), The Royal Liverpool and Broadgreen University Hospitals NHS Trust
- Junior Doctor (Foundation Year One), University College London Hospitals NHS Trust
- Academic Foundation Doctor, Borders General Hospital
- Junior Doctor (Foundation Year One), Basildon University Hospital

Contact details
Dr Sarah Bennett (Admissions Tutor)
e medicaladmissions@ucl.ac.uk
t +44 (0)20 3370 1215

For more information, including programme structure visit:
www.ucl.ac.uk/prospectus/medicine

UCAS: A100 • 6 years

A levels: A*AA. Biology and Chemistry required. Standard GCSE offer (see page 31), except English Language and Mathematics at grade B.

IB Diploma: 39 points. A total of 19 points in three higher level subjects including Biology and Chemistry, each with minimum score 6. No score below 5.

Other qualifications: see www.ucl.ac.uk/otherquals

This six-year programme includes an integrated BSc (except for graduate entrants with UK degrees), leading to the awards of Bachelor of Science (BSc) and Bachelor of Medicine and Bachelor of Surgery (MBBS). The curriculum is centred on key health problems, clinical presentations and patient pathways. You will have clinical contact throughout with patients and doctors.

The programme comprises a series of compulsory modules addressing the scholarship and science, technical know-how, practical skills and professional attributes needed to excel in clinical practice. Student-selected components in a wide variety of topics (including languages, arts, humanities and teaching) also form a compulsory part of the programme. For highly motivated and especially able students there is the opportunity to obtain a PhD in addition to the BSc and MBBS degrees.

BioMedical Admissions Test
You are required to take the BMAT (BioMedical Admissions Test) in 2017 for applications made during the 2018 UCAS cycle. Further information and key dates can be found at: www.admissionstestingservice.org
When it came to choosing a university, UCL was my first choice. Being in such a large city has provided so many opportunities that I doubt I would’ve had elsewhere, such as being in an international community, having so much to see, and being able – from a medicine point of view – to study with some of the best doctors in the world.

As I’ve reached my clinical years, I’ve learnt to appreciate the advantage we have by rotating around some of the best hospitals in the country. The University College Hospital and the Royal Free are known for offering specialised modern treatments. Having access to such a large number of patients has been crucial to our learning.

I see UCL graduates on a daily basis in the various hospitals in central London and outside, when doing our rotations. It makes me incredibly excited to follow their footsteps in a year’s time.

Carmen Camino Garcia
Medicine MBBS BSc
Fifth Year

When it came to choosing a university, UCL was my first choice. Being in such a large city has provided so many opportunities that I doubt I would’ve had elsewhere, such as being in an international community, having so much to see, and being able – from a medicine point of view – to study with some of the best doctors in the world.

As I’ve reached my clinical years, I’ve learnt to appreciate the advantage we have by rotating around some of the best hospitals in the country. The University College Hospital and the Royal Free are known for offering specialised modern treatments. Having access to such a large number of patients has been crucial to our learning.

I see UCL graduates on a daily basis in the various hospitals in central London and outside, when doing our rotations. It makes me incredibly excited to follow their footsteps in a year’s time.
Nutrition

www.ucl.ac.uk/prospectus/nutrition

World-leading experts provide a specialist education in nutrition and metabolism combined with a strong foundation in human biology and clinical medicine, enabling our students to become informed advocates of a healthy diet in whatever sphere they choose to work.

Subject overview

<table>
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<td>(2016 entry)</td>
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<tr>
<td>Research Excellence Framework (REF)</td>
<td>80% rated 4* (&quot;world-leading&quot;) or 3* (&quot;internationally excellent&quot;)</td>
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<tr>
<td>First career destinations (2013–2015)</td>
<td>The first cohort of students admitted to the Nutrition and Medical Sciences BSc is due to graduate in 2020. Therefore, information about career destinations for students on this programme is not yet available</td>
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</tbody>
</table>

Contact details

Dr Nathan Davies (Admissions Tutor)
e Med.BSc-Nutrition@ucl.ac.uk
Miss Carolyn Cohen (Senior Administrator)
e Med.BSc-Nutrition@ucl.ac.uk
+44 (0)20 3108 9208

Nutrition and Medical Sciences BSc

UCAS: B400 • 3 years

A levels: AAA-AAB. Biology and Chemistry required. Standard GCSE offer (see page 31), except English Language and Mathematics at grade B.

IB Diploma: 36-38 points. A total of 17-18 points in three higher level subjects including Biology and Chemistry, with no score below 5.

Other qualifications: see www.ucl.ac.uk/otherquals

This programme examines nutrition at all stages of life and associated problems including obesity, disease-related malnutrition and eating disorders. These incidences arise from several causes and have an impact that reaches worldwide. UCL is a global leader in research on nutrition and obesity, child health, epidemiology and the psychology of disordered eating.

Year one covers most of the topics taught during the first year of UCL’s Applied Medical Sciences degree, with an additional nutrition module. Year two will develop the nutritional themes of the programme in the context of studying normal human growth throughout the lifecycle. You will also choose one optional module from neuromuscular science, genetics, cancer biology and biophysics. In year three, advanced modules focus on individual therapeutic approaches (e.g. to obesity, frailty, ageing and exercise and sports nutrition) and global societal challenges for public health nutrition with additional optional modules and a research project.

For more information, including programme structure visit: www.ucl.ac.uk/prospectus/nutrition
The UCL Division of Surgery & Interventional Science has a long tradition of excellence in both surgical and basic science. Our aim is to understand the causes of human disease and develop innovative therapies and technology to improve the quality of life of the people around us.

This new cross-faculty degree aims to give students a strong foundation in the human body and disease along with an understanding of design and engineering principles. The purpose of this is to combine innovation and technology with patient care. Students will be taught to apply a systems approach to engineering-related developments in healthcare, academia and business centres. This programme intends to develop multi-skilled graduates equipped to meet a rapidly expanding need.

This exciting programme provides an excellent education at the intersection of the fields of engineering, science and medicine. The core modules, compulsory in the first two years, are shared with UCL’s engineering and medical sciences programmes. You will undertake a major project as part of your third year, which will give you an in-depth experience of engineering applications in the healthcare environment. In your final year all your modules are elective, allowing you to personalise your degree along one of three themes.

For more information, including programme structure visit:
www.ucl.ac.uk/prospectus/surgery

Subject overview

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<td>(2016 entry)</td>
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</table>

Research Excellence Framework (REF)

80%: Clinical Medicine subjects; 95%: General Engineering subjects rated 4* (‘world-leading’) or 3* (‘internationally excellent’)

First career destinations (2013–2015)

- The first cohort of students admitted to Medical Sciences and Engineering programmes at UCL is due to graduate in 2020. Therefore, information about career destinations for students on these programmes is not yet available

Contact details

Dr Melanie Coathup
(Programme Director)
e r.m.coathup@ucl.ac.uk
+44 (0)20 8954 0956

Dr Ivan Wall (Admissions Tutor)
e biochemeng@ucl.ac.uk
+44 (0)20 7679 9583

Medical Sciences and Engineering MSci

UCAS: HA11 • 4 years

A levels: AAA-AAB. Physics or Mathematics, and Chemistry or Biology, plus one other subject, are required. Standard GCSE offer (see page 31), except English Language and Mathematics at grade B.

IB Diploma: 36 points. A total of 17 points in three higher level subjects, with no score below 5, to include Physics or Mathematics, and Chemistry or Biology, plus one further subject.

Other qualifications: see www.ucl.ac.uk/otherquals

This new cross-faculty degree aims to give students a strong foundation in the human body and disease along with an understanding of design and engineering principles. The purpose of this is to combine innovation and technology with patient care. Students following the MSci programme will be able to carry out an additional research project, and also have the flexibility of selecting a theme for their optional modules in year four.

This exciting programme provides an excellent education at the intersection of the fields of engineering, science and medicine. The core modules, compulsory in the first two years, are shared with UCL’s engineering and medical sciences programmes. You will undertake a major project designed to give you an in-depth experience of engineering applications in the healthcare environment.

Medical Sciences and Engineering BSc

UCAS: AH11 • 3 years

A levels: AAA-AAB. Physics or Mathematics, and Chemistry or Biology, plus one other subject, are required. Standard GCSE offer (see page 31), except English Language and Mathematics at grade B.

IB Diploma: 36 points. A total of 17 points in three higher level subjects, with no score below 5, to include Physics or Mathematics, and Chemistry or Biology, plus one further subject.

Other qualifications: see www.ucl.ac.uk/otherquals

This new degree aims to give students a strong foundation in the human body and disease along with an understanding of design and engineering principles. The purpose of this is to combine innovation and technology with patient care. Students will be taught to apply a systems approach to engineering-related developments in healthcare, academia and business centres. This programme intends to develop multi-skilled graduates equipped to meet a rapidly expanding need.

This exciting programme provides an excellent education at the intersection of the fields of engineering, science and medicine. The core modules, compulsory in the first two years, are shared with UCL’s engineering and medical sciences programmes. You are able to choose from a range of optional modules in your final year. The same year you will also undertake a major project designed to give you an in-depth experience of engineering applications in the healthcare environment.