

LONDON'S GLOBAL UNIVERSITY



UCL

STUDY ABROAD GUIDE

2015/16 ENTRY



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UCL IN LONDON



0 KILOMETRES 2

CAMDEN LOCK MARKETS

CAMDEN TOWN

LONDON ZOO

REGENT'S PARK

EUROSTAR TERMINAL

BRITISH LIBRARY

BLOOMSBURY

BRITISH MUSEUM

OLD BAILEY

BARBICAN CENTRE

OXFORD STREET

SOHO

HOLBORN

COVENT GARDEN MARKET

ST PAUL'S CATHEDRAL

NATIONAL GALLERIES

STRAAND

NATIONAL THEATRE

TATE MODERN

GLOBE THEATRE

BOROUGH MARKET

KENSINGTON GARDENS

HYDE PARK

GREEN PARK

ST JAMES'S PARK

ROYAL ALBERT HALL

VICTORIA AND ALBERT MUSEUM

SCIENCE AND NATURAL HISTORY MUSEUMS

BUCKINGHAM PALACE

WESTMINSTER

HOUSES OF PARLIAMENT

ROYAL FESTIVAL HALL

LONDON EYE

TATE BRITAIN

SOUTH KENSINGTON

RIVER THAMES

BATTERSEA PARK

UCL Buildings

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THE UCL ADVANTAGE

Studying abroad is an intrinsically valuable experience. Wherever you choose to study abroad you will develop key life skills which, in the increasingly global environment in which we live and work, are highly valued by prospective employers. Furthermore the experience of studying in another country and academic system provides valuable insights which will equip you well for any future graduate study.



Why choose UCL?

www.ucl.ac.uk

UCL's history, reputation and academic standing is a guarantee of quality. Assessed as one of the top ten universities in the world, a period of study at UCL will enhance any CV or résumé.

QS World University Rankings 2013/2014

| Rank | Institution | Country |
|------|--|---------|
| 1 | Massachusetts Institute of Technology (MIT) | US |
| 2 | Harvard University | US |
| 3 | University of Cambridge | UK |
| 4 | UCL (University College London) | UK |
| 5 | Imperial College London | UK |
| 6 | University of Oxford | UK |
| 7 | Stanford University | US |
| 8 | Yale University | US |
| 9 | University of Chicago | US |
| 10= | California Institute of Technology (Caltech) | US |
| 10= | Princeton University | US |

UCL is a multi-disciplinary university with strength in depth across the academic spectrum. In external assessment its departments have been recognised as producing work of international excellence, much of which is of world-leading quality. UCL's focus on interdisciplinary study promotes collaborative learning programmes and allows the perspectives and approaches of any one subject to inform and enrich the teaching of another. The range of subjects we offer, combined with our consistently high rankings, provides you with the opportunity for complementary study across subject boundaries of a breadth and quality that can be matched by few, if any, universities in the UK.

UCL's central London location brings a multiplicity of benefits. Academic resources such as the British Library and the British Museum, and cultural opportunities including the National Theatre, the Royal Opera House and the National Gallery, are all within walking distance. Social opportunities are exceptional; whether you enjoy arts and culture, museums and exhibitions, clubbing and live music, sports, or restaurants and café life, London offers a breadth of choice unparalleled anywhere in the world. If this is not enough, London's status as a global travel hub means that the diversity and cultural richness of over 40 more European countries are just a short flight or train journey away.

Study abroad at UCL offers you an unsurpassed combination of academic, cultural and social opportunities. Read on to find out more.



UCL PROFILE



Training in study and personal skills is embedded in our approach, and our teaching embraces up-to-date methods in e-learning as well as vital personal interaction in small-group or one-to-one tutorials.

Diverse

Our students are selected on the basis of their talent and potential, irrespective of their social or national background. Around 41% of our students come from outside the UK, and from around 150 different countries. Our academic staff, drawn from 100 different countries, are similarly diverse. UCL has a cosmopolitan, friendly and inclusive atmosphere.

Key facts

- 52 academic units in ten faculties
- Founded 1826
- 28,850 students of whom some 15,640 are undergraduates
- 46% male and 54% female students
- 12,330 students from outside the UK
- UCL staff currently includes 53 Fellows of the Royal Society, 15 of the Royal Academy of Engineering, 51 of the British Academy and 117 of the Academy of Medical Sciences
- UCL has 920 professors, the second highest number of any university in the UK. It also has the joint highest number of female professors

A world-class study abroad experience at UCL offers you a unique opportunity for academic challenge, enriching personal development and the acquisition of valuable life skills.

World-class

The *Sunday Times* newspaper has described UCL as ‘an intellectual powerhouse with a world-class reputation’. We cannot offer you a more succinct description, but it is worth considering some of the factors that might have led to UCL being described in such glowing terms. UCL is one of the highest ranked universities in the UK and has been placed among the top five universities in the world (QS World University Rankings 2013/2014). But this recognition is not restricted to league tables. Independent evaluation in the UK’s 2008 Research Assessment Exercise has ranked the work of the vast majority of UCL’s departments as being of ‘world-leading’ quality. Another indicator of this world-class status is the fact that 28 Nobel Prizes have been awarded to people who are, or were, students or academics at UCL.

Cutting-edge and innovative

The curriculum for each study area is continuously reviewed to ensure that it includes the latest discoveries and developments in the field – much of this is drawn from leading research undertaken by the staff who will teach you.

Known for pioneering new approaches in education, your study at UCL will provide a global perspective aimed at helping you identify, and potentially contribute to solutions for, problems and issues affecting the global community.

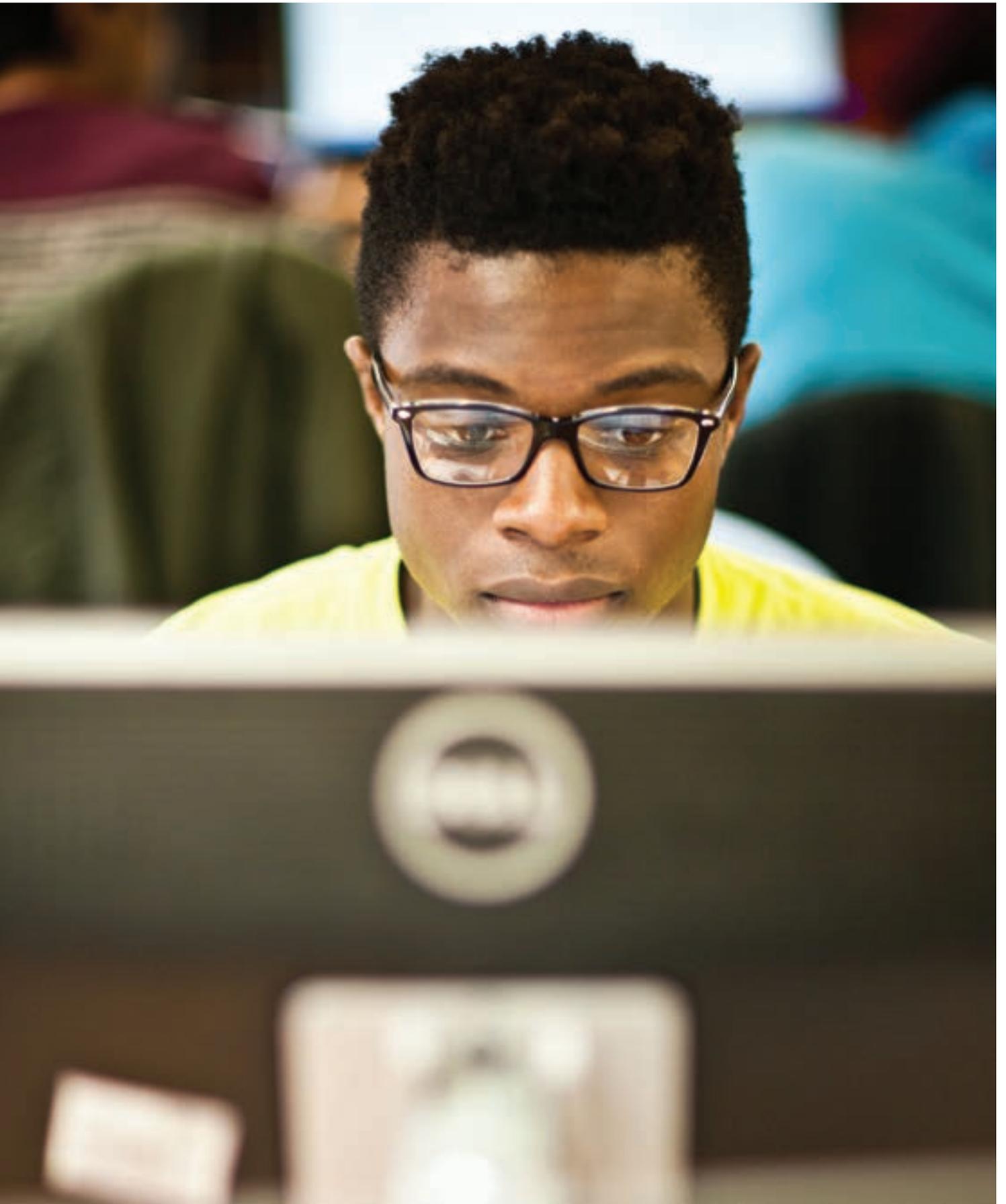


STUDENT VIEW

Shihui Xu

Shanghai University of Finance and Economics, China

“UCL has a great reputation and it’s especially open to international students, and being in London, which is such a culturally rich and diverse city, is very attractive. This experience has broadened my horizons and helped me dream much bigger for my career. Being in a new country and on my own for the first time has been fantastic for my independence, flexibility, communication skills and adaptability.”



STUDY ABROAD AT UCL



The UCL experience

UCL has a well-established Study Abroad programme, welcoming students from colleges and universities around the world who wish to gain credit for courses taken at UCL in order to graduate from their home universities. Over 1,000 Study Abroad students come to UCL each year. They come from most parts of the world including the USA, Canada and Latin America, from Japan, China, Hong Kong, Singapore and South Korea, from Australia and from all over Europe. By choosing to join them you will benefit from a challenging and rewarding experience.

Integration

At UCL we try to ensure that you gain the maximum benefit from your year or semester abroad. You will attend classes with regular degree students and will have the same course load, academic support and access to student services. Thus you will not only gain from the experience of studying in a different system but also from full integration with UK and other international students in classes. In return we expect you to be serious-minded in your wish to study; you must be willing to participate, keen to learn, and prepared to expend time and effort on your studies in order to reap the rewards of your time at UCL.

Teaching

Much is expected of you, but equally, much is provided. While we value self-motivation and promote the acquisition of self-directed learning skills, you will benefit from an excellent academic infrastructure. There is an emphasis on small-group teaching and UCL has the best academic to student ratios in the UK (1:10) compared to the national average of (1:17). In addition to lectures you will benefit from seminars and tutorials and, where appropriate, practical classes.

Academic support

At UCL you will be supported to ensure that you fully achieve your academic potential. Every Study Abroad student at UCL is assigned a tutor. S/he will guide your choice of courses to be certain that it represents a coherent programme and meets with any requirements of your home institution. Tutorial support from friendly staff will ensure that you achieve maximum benefit from lectures and that you develop the necessary study skills to do well in the British academic system.

STUDENT VIEW

Katherine Zied

Providence College, USA



I chose to Study Abroad at UCL because of the prestige of the University's reputation and its location in London. During my programme of study, I mostly enjoyed learning from the professors and the students who have been taught by an entirely different system than my own. The facilities at UCL are great; I mostly used the Main Library and Foster Court. I like that there was a common room just for students from my department.

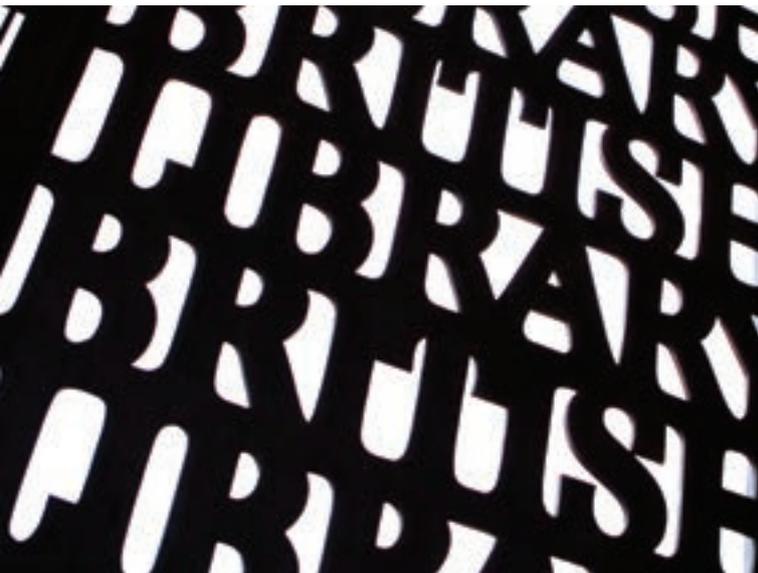






LONDON LIFE: ACADEMIC

UCL is a pre-eminent global university where research of world-leading quality and impact feeds directly into your undergraduate programme of study. Our central London location provides access to the greatest concentrations of libraries, museums and archives in Europe and to the headquarters of many professional institutions, leading businesses and industrial employers.



Museums, galleries and libraries

London's world famous museums, galleries and libraries house collections of international importance that will enhance your learning, whether through independent study or a more formal interaction (for example, history of art students are often taught in galleries). High-profile and specialist collections include:

- British Museum
- Natural History Museum
- Science Museum
- Freud Museum
- National Gallery
- Tate Britain
- Tate Modern [pictured right]
- British Library [pictured left]
- RIBA British Architectural Library
- Wellcome Library and Wellcome Collection



Learned societies

UCL is surrounded by the greatest concentration of libraries, museums, archives and professional bodies in Europe. Whatever your subject interest these resources, combined with the study experience offered by UCL, provides you with unparalleled opportunities. The following are within easy reach of UCL's central London location:

- Academy of Medical Sciences
- British Academy
- Royal Academy of Arts
- Royal Academy of Engineering
- Royal Society



Professional and educational bodies

London is the epicentre of UK professional life. Most of the professional and related educational bodies are located here. Many run education and information events and provide other resources that will enhance your experience. They include:

- Bar Council
- British Association for the Advancement of Science
- British Medical Association
- Institution of Engineering and Technology
- Royal Institute of British Architects
- Law Society
- Institute of Physics

STUDENT VIEW

Aditee Mane

University of Arizona, USA



By far the most rewarding and fulfilling experience I've had in London involved my work at Lottolab, a neuroscience laboratory located at the Science Museum. Though I was working in Lottolab as part of my UCL studies, I spent much of my free time there helping conduct experiments and assisting in the organisation of events such as the Science Museum Lates, which were always a blast. Some of these events included conducting a live experiment for a crowd of over 500 people in the space of 3 or 4 hours – total madness, but insanelly cool.





↘ **LONDON LIFE: SOCIAL AND CULTURAL**

Studying and living in London will allow you to explore the many rich and diverse social and cultural opportunities that this vibrant world city has to offer. Whether you enjoy museums and exhibitions, clubbing and live music or sport and leisure, you will be spoilt for choice in London.



↘ **Museums, galleries and arts venues**

The largest collection of Egyptology outside Egypt, a Tyrannosaurus Rex, the centre of time at the Greenwich meridian, the art of da Vinci, Picasso and Tracy Emin. These are just a taste of the exhibits that make up the internationally renowned collections in London's museums and galleries (some are listed on page 8). Entrance to most is free and there are student discounts for special exhibitions.

↘ **Music, cinema and the performing arts**

Classical orchestras, rock, rap, jazz and pop; Shakespeare, musicals and fringe theatre; opera, ballet and contemporary dance; blockbuster movies and art-house cinema: you will be able to sample them all in London. For some performances student discounts apply and last-minute, cut-price tickets are available. Some of the venues include:

- National Theatre
- Barbican
- Royal Opera House
- British Film Institute
- Royal Festival Hall
- O2 Academy Brixton
- O2 Arena
- Shakespeare's Globe Theatre
- Ronnie Scott's Jazz Club
- Wembley Stadium and Wembley Arena

↘ **Sports and leisure**

If you enjoy sports – whether you want to watch or take part – you'll be spoilt for choice with 14 professional football teams, four rugby teams, two cricket teams; Wimbledon, Wembley and Lord's on your doorstep, as well as countless sports clubs, gyms, indoor arenas and sporting facilities.

STUDENT VIEW

Charlotte Serrarens

Leiden University, The Netherlands



My favourite pastime when I'm not studying is strolling along the River Thames and through the dozens of parks, which offer so many lovely views, such freedom, and such a rich feeling of nature right in the heart of London – even the smaller parks are wonderfully well-kept and just stunning in autumn and lovely in spring! I visited Brighton, Cambridge, York and Oxford on day trips, but also closer to London a lot of beautiful sights are to be seen, e.g. on walks with the UCLU Hiking and Walking Society!







Cultural festivals

London's real cultural gem is its people. A thriving, vibrant, tolerant cosmopolis made up of people from around the globe, London is a world in one city. Over 300 languages are spoken by its different communities and cultural festivals and celebrations punctuate the city's year. You will have the opportunity to be part of this, experiencing London life in all its diversity from Chinese New Year celebrations in Chinatown to carnival in Notting Hill.



Restaurants, cafés and bars

From Michelin-starred fine dining to self-service buffets and fish and chips, there is something for every taste and budget in London. A reflection of the diverse population, there are restaurants in London representing the cuisine of over 70 countries and some of the best value food is ethnic. Cafés abound: from Italian espresso bars to Lebanese shisha cafés, you can sit at a pavement table and watch the world go by. Whether you fancy a quiet drink or dancing the night away, there is a wealth of variety. From real ale in a historic pub, a cocktail in an ultra-modern bar or a vitamin-packed soft drink in a juice bar, you will find something to suit your taste.



Live music and clubbing

Intimate gigs from up-and-coming bands in Camden or Shoreditch; world-famous acts at the O2 Arena, Wembley Stadium or O2 Shepherd's Bush Empire; clubbing at Fabric, Heaven or Cargo... or perhaps you'd prefer something a little more refined at the Royal Festival Hall or Royal Albert Hall? Whatever you're into, London is an absolute treasure trove for those who love their music.



Park life

Despite being one of the world's largest cities, London boasts a surprising amount of green space. With over 1,800 parks making up 30% of the city, London has more parks than any other city in the world. This presents you with wonderful opportunities to enjoy peaceful relaxation or join in stimulating activity. Regent's Park, within walking distance of UCL, houses London Zoo, an Open Air Theatre and various sporting facilities. Slightly further away is Hampstead Heath with fantastic views over London, and Richmond Park in the south west is famous for its wild deer. If you prefer to stay local you can always read or eat lunch in Gordon Square Gardens, just next door to UCL's Bloomsbury campus.



↓ LONDON LIFE: WITHIN AND BEYOND



With five international airports, the London Eurostar Terminal and 12 national rail termini, London is a major travel hub. It's a city that's easy to get to – and get out of; a perfect gateway for exploring the rest of Britain and Europe.

↓ Travel in London

London has an excellent public transport infrastructure meaning that it's easy for you to get around the city. The London Underground – known by Londoners as 'the Tube' – together with a comprehensive bus network, a Cycle Hire scheme, the London Overground and the Docklands Light Railway (DLR) link up all of London's districts. As a student in London, you can benefit from a 30% discount on travel passes. However, you will find that walking is a great way to get to know the city, and most places in central London are within walking distance of each other. Guided walking tours, often based on historical themes or famous former residents, are available.

↓ Britain

As the nation's capital, London has direct travel links to the rest of the UK. Whilst living here during your studies, you can use London as a base from which to explore the rest of the UK. Brighton is one of Britain's most famous seaside resorts and it is a short train journey from London. Further afield, what about a weekend in Edinburgh, Scotland's capital city, or a trip to the cultural centres of Birmingham (pictured opposite), York or Bath?

↓ Europe

Spending time studying in London presents you with a superb opportunity to explore other regions of Europe. London's status as a global travel hub means that over 40 more European countries, with all their variety and cultural richness, are within easy reach. All of Europe's major cities are a short flight away and London's Eurostar terminal is at St Pancras International, a few minutes' walk from UCL. This offers you direct high-speed rail connections to Paris (2 hours 15 minutes) and Brussels (1 hour 51 minutes), with onward connections to many European destinations. A number of budget airlines connect London to other European cities and some great bargains are available.

Paris, Barcelona, Dublin, Rome, or further afield – maybe Helsinki or Moscow; a weekend city break or perhaps a longer trip at the end of your studies: London is a great base for exploring the rest of Europe. Study abroad at UCL allows you to combine a world-class educational experience with the opportunity to sample the diverse countries, languages and cultures of Europe.

STUDENT VIEW

Leonara Smith
Tufts University, USA



London is one of the most well connected cities in the world – a travel hub to virtually any major European city. Because I had the opportunity to study abroad for the full year with UCL, I got to experience the range of student activities as well as have the opportunity to travel abroad and come back "home" to London. During my studies I travelled throughout the UK, with my team and by myself. I've gone to all the major destinations except for Northern Ireland – but one of my teammates is from Belfast so I feel like he gave me an insider's scoop. I also had the opportunity to travel throughout Europe with my schoolmates as well as my family, and I've collected memories and tokens that I'll share for the rest of my life.







ACCOMMODATION, SUPPORT AND WELFARE



At UCL we appreciate that in order to focus on your studies, you need to be free from worries and concerns about other aspects of life. While you may never need to call on the full range of welfare support services UCL offers, it can be reassuring to know that help and advice is available if you need it.



Accommodation

www.ucl.ac.uk/accommodation

If you are a full-year study abroad student you will be guaranteed housing if, prior to 31 May (the current housing deadline) you have firmly accepted your offer to study at UCL and have completed your online housing application. If you come to UCL for less than a full-year you will also normally be allocated housing but this cannot be guaranteed.

UCL has two types of accommodation:

UCL Halls of Residence (catered facilities)

Single room: £167 – £204 per week

UCL Student Houses (self catered)

Single room: £132 – £211 per week

Most student housing is within a few minutes' walk of UCL, and most rooms are single study bedrooms, equipped with bed, desk, chairs, washbasin, bookcase, cupboard and internet access.

The price of UCL housing will vary depending on location and facilities. The prices shown above were the rates charged in 2014/15. Accommodation fees include room rental and use of communal areas, gas and electricity charges, block insurance policy and social events (in residences with a social committee).

If you wish to make your own arrangements for housing, help in finding suitable rented accommodation is available through the University of London Housing Services (www.housing.lon.ac.uk).



Tutors

Every subject area has a Study Abroad (Affiliate) Tutor with overall responsibility for the organisation of teaching and for the wellbeing of its students. This tutor is available to provide academic guidance, and offer you help and support on practical and personal matters.



Student Centre

As a study abroad student, help and guidance is available to you on a range of issues including immigration, finance, transcripts and fees. The Student Centre is also responsible for the International Students' Orientation Programme (see page 157).



STUDENT VIEW

Eleonora Micalizzi

Università degli Studi di Milano, Italy



I lived in Schafer House in Camden. I must say I have been so lucky because it is the perfect location to live. It is only 10 minutes' from UCL and a 30-minute walk from the historical centre, so I never paid too much for the public transport. I shared a flat with four other UCL students from all over the world and they are still good friends of mine. Schafer House has a computer cluster room that was useful when I had to print out things such as essays or plane tickets.



Health, counselling and disability services

UCL's Health Centre, on the Bloomsbury campus, houses an NHS General Practice providing services for treating illness and maintaining health. A dental practice is also located in the Health Centre.

If you are studying at UCL for more than six months you may register as an NHS patient (which essentially means being able to receive a consultation without charge). If you are staying for a shorter time you can still see a GP (General Practitioner) for a consultation. However, secondary services (such as hospital use) would be on a private basis; so you will need to have adequate medical insurance. Further details can be found at www.ucl.ac.uk/iss/before-you-arrive/health

UCL Student Psychological Services offers a confidential and supportive service to all students. In addition to one-to-one advice the service also runs workshops on matters such as stress management. Further information can be obtained at www.ucl.ac.uk/student-psychological-services

If you are disabled or have a long-term medical condition, you can find out more about the support services available at www.ucl.ac.uk/disability or by contacting UCL Student Disability Services (EMAIL disability@ucl.ac.uk).

Treatments and medication available in the UK may differ from those in your home country so it is important to consider how to manage any existing conditions. Seek confidential advice from UCL early on. Pre-application enquiries are always welcome.

UCL Students' Union (UCLU)

uclu.org

In addition to providing an extensive range of social and sporting facilities (see page 20), the Union also runs a Rights and Advice Centre staffed by professional advisers and a JobShop to support those seeking part-time employment (see page 157 for regulations on employment).

Careers

www.ucl.ac.uk/careers

As a study abroad student at UCL you may use UCL Careers throughout your studies. UCL Careers runs an extensive range of employer-led events, including Skills Development Workshops, Presentations and Forums and large Careers Fairs. To find out more, and discover how you can make the most of the skills you will develop by studying at UCL, look at the above website.



LEISURE AND SOCIAL ACTIVITIES

In between your studies you will, of course, find time for a little recreation. UCL has a policy of keeping Wednesday afternoons free of teaching, so every student has the opportunity to engage in some sort of cultural, sporting or voluntary activity.

UCL Bloomsbury Theatre

www.thebloomsbury.com

The Bloomsbury Theatre is a professionally equipped theatre located on campus. It is reserved for student performances for 12 weeks each year. The remainder of the year it hosts professional performances – often focusing on innovative and contemporary productions – including stand-up comedy, drama, dance and music.

UCL Students' Union (UCLU)

ucl.org

UCLU, run by elected student officers, provides a focus for student activity and a voice for student views. In addition to providing the facilities described below, the Union also supports over 200 clubs and societies (about 40 of which are sports clubs), which are run by the students themselves. UCLU's 'Give it a Go' Programme allows you to try out a range of activities with like-minded students. Do as much or as little as you like; there's no need to join anything and you don't need any experience to take part. Full details of the individual clubs and societies and other Union activities can be found on the above website.

Volunteering

ucl.org/services/volunteering-at-ucl

Volunteering provides a good way both to make a difference to the local community and to find out more about London. Whether you're an experienced volunteer, or have never thought about it before, your time at UCL provides the perfect opportunity to get involved. Lots of one-off events are organised for those who can't make a regular commitment but still want to take part. If you are a visa national you will need to hold a full student visa to be able to volunteer. To find out more visit the website above.

Sports and exercise

uclu.org/clubs-societies

Taking exercise helps you maintain your physical health and wellbeing, but it can also provide an enjoyable and essential break from your studies and, in teams and classes, a chance to make new friends and socialise. At UCL we provide high-quality facilities and opportunities for everyone to get active, whether you are a competitive player of team sports, or simply interested in yoga classes to aid relaxation and suppleness. A number of different venues cater for a huge range of activities, from personal fitness routines at the Bloomsbury Fitness Centre to competitive fixtures for team sports held at UCL's outdoor pitches in Shenley, Hertfordshire (pictured opposite).

Relaxation and socialising

Of course, as a break from all this activity, you will at some point want to chat with classmates over lunch, drink coffee while catching up by email with friends at home, or go clubbing to celebrate meeting an essay deadline. Cafés, bars, restaurants and shops can be found in good supply in and around UCL.

STUDENT VIEW

Pearlyn Tan

University of New South Wales, Australia



I joined the UCLU Women's Football Club and I must say that it enhanced my exchange experience in a different way. I undertook volunteering work with the club including helping with the poppy appeal and the UCLU Christmas Fair. In my spare time, I regularly go for a run in the park and have tried to visit as many markets, museums, parks and London sights during my time here.







STUDY AT UCL

As a Study Abroad student at UCL you have access to an extensive and flexible range of subject options. Whether you are looking to focus solely on your major area of academic study, explore a more interdisciplinary route or experience something completely new, UCL can support you.



Your study options: subjects and courses

When you apply for admission to UCL, you will normally apply to one subject area (the full list is given on page 1 of this guide), where you will be expected to take at least 50% of your courses. Thereafter, you can select the remainder of your courses from other subject areas without the need for direct admission. This level of flexibility offers opportunities that many study abroad students take advantage of. Prerequisites may of course apply, to ensure that you have sufficient prior knowledge. Taking courses in other disciplines is also dependent on space on the relevant course being available.

There are, however, some exceptions.

- Law courses are only available to students admitted to the Faculty of Laws, and normally affiliate students admitted to Laws are from institutions with which Laws has reciprocal arrangements.
- English Language and Literature courses are only available to affiliate students directly admitted to this subject area.
- A similar restriction applies to Level 2 and 3 courses in Economics.
- Students admitted to Fine Art (the Slade School) must take their entire credit load within this area, and may not select courses from other departments.

This guide lists a wide range of popular course options, but it is not exhaustive and, since it is published ahead of time, some courses may have changed or no longer be available.

You may also apply for joint admission to two subject areas, e.g. Economics and Mathematics. This might be advisable if you have particular programme requirements in more than one subject area in order to gain credit for your studies at your home institution. In such circumstances you would be expected to take at least 50% of your courses in the first named subject area and 25% in the second.

As part of the application process, you are encouraged to provide a preliminary selection of individual courses you wish to take as part of your programme of study at UCL. If you have a specialised interest

or academic requirement we recommend that you use the contact details given on each subject page to enquire whether a course of the required level and focus is available. When you arrive at UCL you will consult with the tutor for your subject area before formally signing up to your chosen set of courses, and can adjust your selection if appropriate, to best meet your needs.

Each course in this guide has a credit value expressed both as US credits and ECTS (the European Credit Transfer System). You are expected to take the full course-load for your period of study at UCL, which for a full year student is equivalent to 32 US credits or 60 ECTS, and for a student attending from September to December or January to June is equivalent to 16 US credits or 30 ECTS.

Throughout this guide the courses are also attributed to levels. These levels are intended to indicate approximately the amount of prerequisite subject knowledge needed for the course. Where a subject area lists Core Courses then you are not expected to have specific prerequisite knowledge relating to the content of the course. Level 1 courses usually contain introductory material and would be appropriate for broadening your scope, either to explore an area of your chosen subject you have not focused on at your home institution, or to take an option outside your main subject area. Level 2 and Level 3 courses will normally require prior study in this subject area, thus providing an opportunity to develop your knowledge of a subject area you are studying for your degree at your home institution. Further advice is available from the subject contact listed for each entry.



How your study is structured

The academic year at UCL begins in September and is divided into three terms. Most teaching takes place in the first term (Autumn/Fall) and the second term (Spring), with the third term (Summer) reserved for revision and examinations.

To gain the maximum possible benefit from your study abroad experience, we recommend that you apply for the full academic year. You may also apply to study in most UCL subject areas for less than the full year. The admission options offered by UCL are shown below:

September admission for the full year

(September – June)

32 US credits / 60 ECTS

Fall (Autumn) Term only admission

(September – December)

16 US credits / 30 ECTS

Spring and Summer Terms admission

(January – June)

16 US credits / 30 ECTS





Course availability and assessment

Courses may be taught over a full year or over one term. The subject pages which follow state whether a course is available for the Year, or for the Fall (Autumn) Term or the Spring (including the Summer Term) Term. If you are studying for the full year you will have a wider choice of courses.

Where a course is marked as being available for Year and Fall Term or Spring Term then it is possible for term/semester-only students to take half of the full-year course. Two sets of credit values are shown for such courses, with the lower value applying if only half of the course is taken.

The method of assessment for each course will vary depending on the subject area, but wherever possible you will be assessed in exactly the same way as students enrolled for UCL undergraduate degrees. Alternative arrangements will be put in place if your registration with us does not allow you to be present for assessment by end-of-year examinations. For further information on course availability and assessment, please refer to the subject pages 31–156.



Support and advice

In each subject area there is a specific tutor who has special responsibility for Study Abroad students. As well as having responsibility for admissions, these tutors are also responsible for approving your final course selections (undertaken upon arrival at UCL), advising on assessment and for helping you integrate and make the most of your stay at UCL. Advice from tutors on course selection is also offered at the application stage.

STUDENT VIEW

Callie Hitchcock

University of British Columbia, Canada



The best thing about studying in London is the amazing opportunities and ideas from all over the world coming together. With really great minds and famous people giving free lectures what else could I ask for? I also loved all the emails my department sent me about interesting events, lectures, conferences around UCL and London. The Study Abroad experience at UCL made me explore and realise my authentic self. I got to learn amazing new ideas and meet great people. I would recommend UCL to other students.







ACADEMIC RESOURCES



Studying abroad at UCL means that you will have access to some of the best academic facilities available. Whether you choose to study Engineering or the Sciences, Humanities or the Arts, UCL provides you with the technical and intellectual resources to achieve the most from your studies.



UCL Library

www.ucl.ac.uk/library

With over two million books and subscriptions to over 12,000 journals in a combination of electronic and print formats, UCL Library Services provides access to a vast range of resources across all subject areas taught. There are 16 specialist libraries in and around UCL, with valuable and historical material housed in the Special Collections. New facilities include a Learning Laboratory in the Science Library, for students to undertake presentation and group work, and the fully refurbished UCL Language and Speech Sciences Library, based in Chandler House.



UCL Centre for Languages & International Education

www.ucl.ac.uk/clie

The UCL Centre for Languages & International Education (CLIE) offers courses in Arabic, Dutch, French, German, Italian, Japanese, Mandarin and Spanish at various levels, which can be taken for credit. Three courses in English for academic purposes are also offered.

In addition there are 17 languages available on the evening classes programme. CLIE also provides pre-sessional and in-sessional English language courses for international students.

Facilities include a Self-Access Centre equipped with an online library of over 3,000 films, TV documentaries, a language laboratory, computer-assisted language learning, resource books, journals and newspapers.



Laboratory facilities

UCL is constantly striving to ensure that our laboratories are equipped with the most up-to-date equipment and facilities. Recent improvements and additions include: fully refurbished laboratories in the Department of Chemistry and the Department of Mechanical Engineering, a Virtual Trading Floor in the Department of Computer Science and a Bioprocess Microfluidics facility in the Department of Biochemical Engineering.





Computer and IT facilities

www.ucl.ac.uk/isd

UCL offers a wide range of IT facilities in open-access cluster rooms and student residences. These provide over 150 general and specialist software packages. Many subject areas have their own computer facilities and computer network points are available in individual rooms for most UCL residences. In addition UCL's wireless network (eduroam) provides secure web and email access in many locations across UCL. IT training is provided through scheduled sessions and online courses.

E-learning

www.ucl.ac.uk/isd/students/e-learning

Technology is used in a range of ways at UCL to complement and enhance teaching and learning. UCL's e-learning tools provide access to class materials; communication with fellow students and tutors; materials created collaboratively; text, video, audio and images resources, and online tests and assignment submission. UCL also has a growing online media presence, including selected lectures and guest presentations on iTunes U: <http://itunes.ucl.ac.uk>



STUDENT VIEW

Léo Arthur Barroul

Université de Montréal, Canada



I definitely recommend UCL to anyone! Do not hesitate and apply to UCL, whether for an exchange year or graduate studies. My year here was so amazing that I have already started to tell my friends. I really think that the Study Abroad experience at UCL will enhance my opportunities in the future because I have gained a lot of knowledge and skills throughout the academic year. The ability to adapt to a new country and a new culture is clearly an asset when pursuing your studies at the graduate level or facing competition on the job market.



Museums and Collections at UCL

www.ucl.ac.uk/museums

UCL's diverse collections provide a resource of international importance for your studies and enjoyment. They include:

The Petrie Museum of Egyptian Archaeology

The Petrie Museum houses an estimated 80,000 objects, making it one of the greatest collections of Egyptian and Sudanese archaeology in the world. It illustrates life in the Nile Valley from prehistory through the time of the pharaohs, the Ptolemaic, Roman and Coptic periods to the Islamic period.

The Grant Museum of Zoology

Founded in 1828, the Grant Museum is the only remaining university zoological museum in London, and is consistently listed in *Time Out's* '101 Things to do in London' feature. It houses around 67,000 specimens, covering the whole Animal Kingdom including ancient or extinct species such as the Tasmanian tiger or thylacine, the quagga, and the dodo.

The UCL Art Collections

UCL Art Collections hold over 10,000 fine art objects, including prints and drawings by Old Master artists such as Dürer, Rembrandt, Turner and Constable, and sculpture models by the Neo-Classical artist John Flaxman.

The UCL Institute of Archaeology Collections

The UCL Institute of Archaeology houses fine teaching and reference collections. They include prehistoric ceramics and stone artefacts from many parts of the world as well as collections of Classical Greek and Roman ceramics.

The Geology Collections

Learning with objects has been an integral part of geological study at UCL since the first half of the 19th century. Today, the collection includes rock, mineral and fossil samples collected over the last 175 years, including some of historical importance.

The Ethnographic Collections

This collection, exemplifying Material Culture, holds an enormous variety of objects, textiles and artefacts from all over the world. Much of the material was donated in the mid 20th century and acquired through scholars' fieldwork, principally that of Daryll Forde, who founded the Department of Anthropology at UCL.

The Science and Galton Collections

There is a wealth of scientific apparatus, equipment and memorabilia pertaining to various scientists whose innovative work was conducted at UCL over the last two centuries. The Galton Collection comprises over 50 objects including the instruments, papers and personal effects of Sir Francis Galton F.R.S. (1822–1911) and is a popular resource for researchers and anyone with an interest in the history of science.

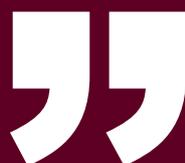


ARTS AND HUMANITIES



I've always wanted to study abroad in Europe, and London was my first choice. UCL is one of the best universities in the world, so I immediately decided to apply! I knew it would look great on my résumé. I also really improved my English skills, and I got the chance to meet people from all around the world. The experience has made me more open to the world, and improved my confidence.

There were so many different classes I could choose from, I was able to study history of Art, literature and European history. You can really make your own programme of study depending on what your interests are, and the teachers were all great and very friendly. I loved living in London, who doesn't. I went to a lot of museums and there were many libraries on and around the campus that were really helpful for my studies.



Julie Verdalle
Université Paris-Sorbonne
France

ENGLISH LANGUAGE AND LITERATURE

Studying English at UCL provides you with an inspiring setting; London is the centre of British literary life and you will be surrounded by world-class libraries including the British Library. The department is one of the most highly regarded in the UK and has strong links with the literary world.

Why study English Language and Literature at UCL?

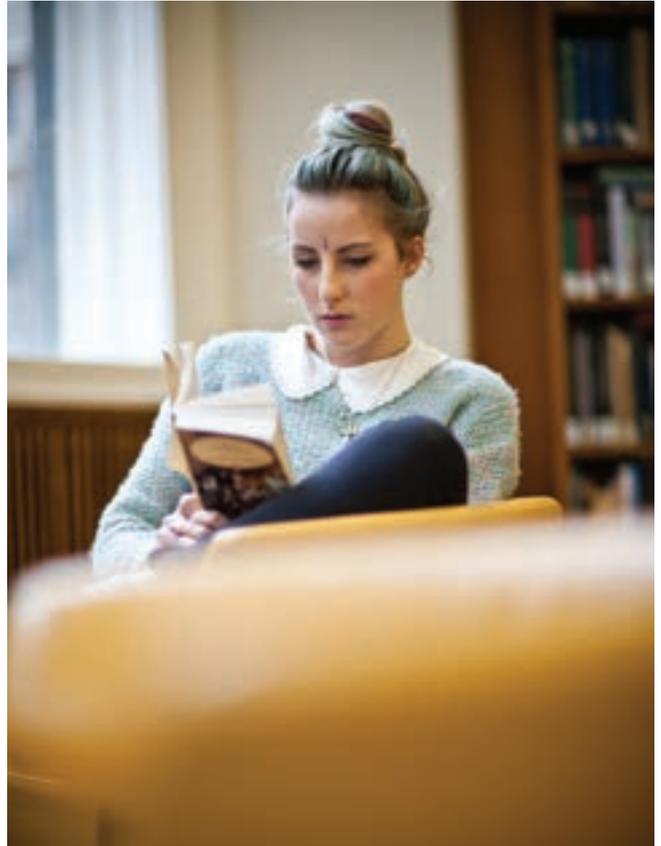
We teach through lectures, seminars and tutorials. Our one-to-one tutorial teaching is, we think, a unique provision in English departments in the UK. Practising writers and playwrights are invited to give readings and the student-led English society provides students with a programme of events, both social and academic, to supplement their courses.

What will you gain from study at UCL?

We seek to give a historically based knowledge of all periods, and offer a variety of approaches; for example, textual, social-historical and feminist. Full-year students take regular UCL examinations in the summer term, students admitted for a semester option are required to submit a portfolio of essays.

Teaching and assessment

Study abroad students may only take English courses if they have been admitted to the department. Students admitted to English must take four courses, except those admitted as joint students, who must take two.



The following courses will be available in 2015/16:

Level 2 courses

ENGL2001

Chaucer and his Literary Background

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

A study of the works of Chaucer, together with a consideration of some of the major European and classical authors who influenced him.

Level 3 courses

ENGL3002

Shakespeare

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

This course aims to introduce students to the study of Shakespeare at a high level; covering as many plays and poems as is consistent with some depth.



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

| |
|--|
| Contact name |
| Professor Bas Aarts EMAIL b.aarts@ucl.ac.uk TEL +44 (0)20 7679 7122 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £15,660 For full explanation of tuition fees please see page 157. |

Related courses can be found in these departments:

- European Languages Culture and Society, page 33

ENGL3005**The Restoration and the 18th Century***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The course introduces students to the principal authors and literary modes of the period running from the Restoration (1660) to the death of Samuel Johnson (1784).

ENGL3006**The Romantic Period***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The Romantic period was a time of profound social change and of an extraordinary richness in writers of genius. The course attempts to do justice to both aspects, focusing on individual writers and wider topics.

ENGL3008**American Literature to 1900***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The course follows the development of American literature in English from its beginnings in narratives of discovery and settlement to the poetry and prose fiction of the 19th century.

ENGL3010**Old English Literature II***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The course focuses on Old English writing in prose from the end of the 9th century to the beginning of the 11th century.

ENGL3011**History of the English Language***Availability*

Year

Credit Value

8 (US) 15 (ECTS)

The course traces the growth of a standardised variety of English since the Anglo-Saxon period and considers how and why Standard English and other varieties have changed and continue to change.

ENGL3012**Modern English Language***Availability*

Year, Fall Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course covers the major fields in the study of present-day English.

ENGL3021**Literary Representation and the History of Homosexuality***Availability*

Year

Credit Value

8 (US) 15 (ECTS)

Gay and lesbian studies are an important part of the contemporary practice of literary criticism. This course aims to survey and introduce the field, and to foster a critical understanding of its main tools of analysis and interpretation.

STUDENT VIEW**Katherine Zied****Providence College, USA**

I chose to study in the English department because English is my major at my home institution and I needed to take classes that would transfer back as credits. The academic experience here is very self-motivated and self-directed, and it has taught me to take full responsibility for the direction of my research, studies and writing.

**ENGL3023****Middle English Literature II***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course focuses on the medieval cultivation of the genres of the drama, the dream vision, the lyric and autobiography: genres in which the self is expressed and defined.

ENGL3026**Modern Literature II***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The course aims to provide a critical and historical understanding of the main literary tendencies of the period, with some attention to the relations between literature and other cultural forms (notably cinema and music) in a period of immense change.

EUROPEAN LANGUAGES, CULTURE AND SOCIETY

Whether you're interested in literature, film or history, studying at the School of European Languages, Culture & Society (SELCS) allows a flexible choice of interdisciplinary options for students interested in the vibrantly rich cultural life of modern Europe.

Why study European Languages, Culture and Society at UCL?

Our teachers are subject specialists, drawn from across the six departments that make up SELCS (Dutch, French, German, Italian, Scandinavian and Spanish) and the Faculty of Arts & Humanities. Our aim is to strengthen your skills of analysis and critical interpretation, honing your ability to present convincing and well-structured arguments in writing and through oral presentations. Combining comparative and contextual perspectives from a range of national cultures, you will gain an enriched view of Europe's complex cultural life.

What will you gain from study at UCL?

Our central London location provides access to a rich variety of cultural events and to world class library facilities: the British Library and the libraries of Senate House and of the Warburg and Courtauld Institutes are nearby; the UCL Library includes the most comprehensive Dutch and Scandinavian libraries outside the Netherlands and Scandinavia; the British Film Institute and its library as well as world famous art collections are within walking distance.

Teaching and assessment

Our courses offer depth of analysis within a broad syllabus covering a wide range of historical periods and provide ample opportunity to participate in class discussions and debates. We use a mixture of lectures and seminars in all our courses, which are usually examined by assessed essay(s), by a desk examination, or by a combination of both.

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

| |
|--|
| Contact name |
| SELCS Affiliate Officer EMAIL selcs.affiliates@ucl.ac.uk TEL +44 (0)20 7679 4426 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £15,660 For full explanation of tuition fees please see page 157. |

| |
|---|
| Related courses can be found in these departments: |
| ● English Language and Literature, page 31 |
| ● Slavonic and East European Studies, page 129 |
| ● History, page 148 |

Please note: the courses listed here are subject to availability and may have been changed or replaced. Please enquire with the programme administrator for the latest information.

Language courses

EULANGXX

Language courses (all levels)

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

We offer courses in Danish, Dutch, Icelandic, Norwegian and Swedish at beginner, intermediate and advanced levels.

Level 1 courses

DUTC1101

Born out of Rebellion: The Netherlands from the Dutch Revolt to the Eve of World War I

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course provides a general survey of economic, social, political and cultural developments in Dutch and Belgian history from the late Middle Ages to the First World War.

DUTC1201

Modern Dutch Literary Texts

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course aims to develop techniques of literary analysis, practice reading skills, expand vocabulary and give students a grounding in contemporary and 20th century literature written in Dutch.

FREN1101

The Making of Modern France

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to Modern France shedding light on the underlying social and political changes and debates which occurred between the 1789 revolution and the present day.

ITAL1102

Realism and Neorealism

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This introductory course focuses on key texts from Verga to Calvino and on the analysis of the films of some important neo-realist directors (Rossellini, De Sica, De Santis).

ITAL1114

Renaissance History and Art

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course illustrates the contrast between medieval and Renaissance visual art and examines whether the contrast between these definitions holds for other aspects of Renaissance history.

ITAL1116

Italian Culture during Fascism

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This module is an overview of Italian culture during Fascism.

SCAN1102**Introduction to Linguistics and the Scandinavian Languages***Availability*
Year, Fall Term*Credit Value*
2/4 (US) 3.75/7.5 (ECTS)

This course teaches basic phonetic and grammatical concepts with particular reference to the Scandinavian languages.

SCAN1303**Histories and Cultures of the Nordic Region***Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

The course will provide a thoroughgoing, wide-ranging and stimulating introduction to the history and culture of the Nordic region.

SPAN1210**Tradition and Modernity: Spanish Culture 1500 to the Present***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

An introduction to Spanish culture from the early modern period to the present, exposing you to a range of different genres, cultural forms and literary movements.

SPAN1220**Introduction to Modern Latin American Literature and Culture***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

Co-taught introduction to Latin American literature and culture ranging from the poetry of Ruben Dario to Alfonso Arau's film adaptation of *Como agua para chocolate*.

**Level 2 courses****DUTC2101****At the Crossroads of Europe: Belgium, the Netherlands and Luxembourg in the 20th and 21st Centuries***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Explores themes related to economic change, social organisation, political structures and cultural transformations in the Netherlands and Belgium since 1930.

DUTC2203**Twentieth-Century Dutch Literature I: Themes***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores the theme of the Second World War in the literature of the Netherlands and Flanders.

ELCS6002**Conspicuous Consumption in the Realist Novel***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines how Realist and Naturalist novelists responded to the birth of a bourgeois consumer culture and the threat that the latter posed to both traditional social structures and the unwary individual.

ELCS6005**Futurism and Futurisms***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines responses to modernity in Europe in the early 20th century, to phenomena such as the rise of the city, electrification, the invention of the aeroplane and automobile, and the spread of cinema.

ELCS6008**Introduction to Film Adaptation***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the transposition of novels into films.

ELCS6013**Master and Slave Narrative***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the ways in which the development of Western civilisation depended for its success on slavery and colonialism.

ELCS6017**The Court Society in Early Modern Europe***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will examine life at court in the 16th and 17th centuries. Concentrating on two particular French courts, that of François I at Fontainebleau and that of Louis XIV at Versailles.

ELCS6023**Comic Tales in the European Middle Ages***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will look at one especially widespread literary tradition of the European Middle Ages: the comic tale, or 'fabliau', or 'Märe'.

ELCS6024**Representing History***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus on the relationship between history and literature and, in particular, the manner in which historical events have been perceived, reconstructed and depicted in fictional texts.

ELCS6029**The Holocaust Witnessed, Remembered, Represented***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines how the persecution and destruction of Europe's Jews in the Second World War is represented in many kinds of texts which bear witness to this radical trauma of the 20th century.

ELCS6030**Hamlet's Afterlives***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on fiction, plays and films which, whilst directly inspired by Shakespeare's *Hamlet*, also draw on the ancient Scandinavian legends that inspired Elizabethan versions of the story.

ELCS6058**Narrating Female Virtue, from Medieval to Modern***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will consider literary, historical and visual representations of women from the medieval period as examples of virtuous moral conduct (or its opposite), and the reception and reworking of such figures in later times.

ELCS6065**The Uncanny***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Eerie fantasies, doubles and mirrors, severed heads, being buried alive, déjà-vu and repetition, we will explore the wide impact these strange and unsettling images and human experiences, have had across a range of disciplines and discourses, including literary and film studies, feminism, philosophy, and queer theory.

ELCS6069**The Power of Maps***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces students to the study of maps across history, along the lines of the New Cartographical History that has emerged over the past three decades.

ELCS6070**The Poet in Society***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will bring together verse from a variety of times and places to examine how poets engage with their many roles. It will focus on five roles poets can play in society: that of parent, teacher, lover, prisoner and performer.

ELCS6078**Introduction to Translation Studies***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will specifically focus on at least some of the following: historical background; theoretical concepts; translation across languages and cultures; the features of translated texts; translation and empire; translation and ideology; translation and gender; contemporary types of translation; translation and the internet.

ELCS6079**Writing the Revolution***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course is designed to: i) address the revolutionary wave that swept the world in the 1950s and led to decolonization; ii) introduce students to postcolonial theory and iii) provide them with critical tools to analyze the relationship between power and representation.

ELCS6080**Imag(in)ing the Far North: The Northern Regions in Text and Image***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus on Northern and Arctic imagery as featured in literature, film, and the visual arts.

ELCS6081**Critical Theatre: A Historical Overview of European Theatre***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims at giving students an understanding of the history of European theatre and its context.

ELCS6082**The Poetry of the Afterlife***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course invites students to identify continuities and contrasts among treatments of the afterlife, ranging from some of literature's earliest remnants to twenty-first-century feminist revisions of ancient myths.

ELCS6083**Representations of Southern Europe in Northern European Art and Literature: Northern South***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines representations of Southern Europe in Northern European visual art and literature.

ELCS6084**Animation in European Cinema***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will explore European animation in its various forms, examining a range of animation techniques, from early stop-motion to hand-drawn or computer generated animation.

ELCS6086**Autobiography Beyond Self-Identity: On Belonging and Not Belonging Socially***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will exemplify how prescriptions of autobiographical narrative are overstepped in a range of milieux and narrative voices that problematise the author's self-identity through the negotiation of different identities: character roles, relationships to family members and national identity.

ELCS6087**The Romantics and Italy***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course explores the pivotal role Italy played in the early 19th century. Politically divided, culturally torn between legacies of the classical world and the new nationalist ideology that swept through Europe after the Napoleonic wars.

ELCS6088**Black Europe***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the development of an African diaspora in Europe from the Renaissance to the present-day.

ELCS6089**The Fairy Tale of BlueBeard in Literature and Film***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course traces the story of BlueBeard and its transformations through time in a series of close readings in literature and film from the work of the French author Charles Perrault in the 17th century and the Brothers Grimm in the 19th to the present day.

ELCS6090**Money, Murder and Myth: Readings of the French Revolution***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will address the various ways in which the French Revolution, arguably one of the founding myths of our modern and contemporary society, can be interpreted.

ITAL2104**Renaissance Authors***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A study of Machiavelli's *Il Principe* and Castiglione's *Il libro del cortegiano*, two works that defined the structure of despotism characteristic of Italy and Europe from the 15th century to the present.

ITAL2113**Docudrama in Contemporary Italian Cinema***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores the recent trend in Italian cinema towards the mixing up of fiction and reality through the production of films that combine documentary elements with fictive ones.

SCAN2222**Nordic Literature in Context***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will introduce students to some of the major authors and key texts from the Danish, Icelandic, Norwegian and Swedish national literatures after 1830 and provide them with a broader transnational and comparative view of the various literatures from Scandinavia.

SPAN2010**Beginners Portuguese***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This beginners Portuguese course is taught over two terms and meets for four hours per week. There are no prerequisites. This is a foundation course designed for students who have had little or no exposure to Portuguese.

SPAN2102**What Women Want: Galdos and Pardo Bazan***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is the first half of a substantial survey of Spanish Naturalism. It examines four novels written between 1881 and 1896 by Benito Pérez Galdós and Emilia Pardo Bazón.



SPAN2103

What Women Want: La Regenta

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

In this course we shall be reading and analysing the novel *La Regenta* (1884–85) by Leopoldo Alas.

SPAN2109

Women's Writing in Latin America I

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will introduce you to a range of work by a number of women writers from the Southern Cone and the Andean region.

SPAN2111

The Short Story in Spanish America

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will examine short story writers in Spanish America in terms of the conventions of the short story (Edgar Allan Poe), the 'tricky narrator', the functions of plot, geography, psychology, and the role of the reader.

Level 4 courses

DUTC4201

Making Modern Dutch Literature

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

In this course the work of selected major writers in Dutch from 1930 to the present day is studied in depth.

DUTC4205

Contemporary Culture and History of the Low Countries

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course focuses on selected themes from Dutch and Belgian history since 1945 with emphasis on events that shaped identities in both countries.

FREN4004

Advanced Translation

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

The aim of this course is to develop skills both in critical reading and in interpretation, and to provide an advanced understanding of the translation process in French.

GERM4001

Modern German Language

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is an enhanced language course in translation from and into German.

GERM4103

Parzival

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course will focus on the medieval German text of *Parzival* in its entirety.

GERM4121

History as Drama: German Historical Drama from 1770 to the Present

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on a selection of German historical dramas from the late 18th century to the present and encourages students to explore the development of the genre and the key theoretical issue of the relationship between historiography and theatrical representation.

GERM4129

Language, Power and Ideology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will examine the complex relationship between language, power and ideology in German society, and will trace how language has been employed in the 20th and 21st centuries by ideology or world-view.

GERM4133

Reading Modern Novels: An Introduction to Contemporary Literary Theory*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The aim of this course is to look at three major 20th century novels in detail. All three books explore the problem of interpretation and raise questions about how reality can be understood and represented.

GERM4141

German Literature and Psychology*Availability*
TBC*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the interaction between psychology and German literature in the late 19th and early 20th centuries.

ITAL4102

Nation, Culture and Society in Italy, 1860–1914*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course's central themes are national identity and nation-building in Italy between Unification and the First World War.

ITAL4909

The Contemporary Italian Novel (by essay)*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will examine the profound changes the Italian novel has undergone since the middle of the 20th century.

SCAN4007

Translation from the Scandinavian Languages*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is designed to (a) provide practice in translation from the three languages, (b) identify strategies for using knowledge of one Scandinavian language to develop comprehension of the two, and (c) introduce translation theory and apply it to practical translation tasks.

SCAN4402

The Vikings in Europe*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus on the impact the Vikings had on European society c. 800–1050.

STUDENT VIEW

Sean Vadas

The College of William and Mary, Virginia, USA



Scandinavian Studies fits in perfectly with my interests and it has given me opportunities not available at my home institution (which has no Scandinavian Studies Department). The interdisciplinary nature of the department really allows for specialisation and customisation of your courses, as well as providing a more comprehensive understanding of the subjects. Besides giving me a great education, UCL is excellent at immersing affiliate students into the university's culture without overwhelming them or making them feel alone or out of place. My Study Abroad programme will stand me in good stead when I apply for jobs.



SCAN7214

Vikings and Valkyries in Contemporary Culture*Availability*
TBC*Credit Value*
4 (US) 7.5 (ECTS)

This course will guide students to situate these depictions within a larger theoretical framework of Nordic studies and cultural theory, while simultaneously enabling them to analyse their own relationship with the various representations of the 'popular Norse'.

SPAN4001

Spanish Language III*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An advanced level language course designed for affiliate students.

SPAN4112

Latin American Vanguard Movements*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will study the thematic and stylistic influences and legacies of the Surrealist movement on 20th and 21st century Latin American writers, as well as the debates surrounding these.

EUROPEAN SOCIAL AND POLITICAL STUDIES

European Social and Political Studies (ESPS) courses offer multidisciplinary insight and perspective to students with an interest in political and social science, international relations, political theory, modern history, law, and political philosophy, in regard to Europe and the wider world.

Why study European Social and Political Studies at UCL?

In addition to the set of tailored ESPS courses on problems and topics in contemporary politics, political history, political philosophy, and the history of ideas, students have access to a great variety of courses from departments across UCL, ranging from History, Politics and Geography to Economics and Urban Planning.

What will you gain from study at UCL?

You will be able to draw on UCL's acclaimed academic resources and have the opportunity to participate in a thoroughly international and intellectually distinguished student community. UCL's central London location permits access to an extraordinarily rich and diverse cultural life.

Teaching and assessment

Teaching methods and means of assessment vary, consisting mostly of a combination of seminar and lecture, and of written examination with assessed coursework. For most ESPS courses assessment is available for semester-only students. Courses of an advanced nature may have as a prerequisite appropriate previous study in the area.



The one-term courses listed may only be available in either the Fall Term or the Spring Term, and not both. See our website for up-to-date information.

Courses

ESPS1001

Introduction to European History, Law, Politics and Philosophy

Availability
Year

Credit Value
8 (US) 15 (ECTS)

An introduction to concepts and theories central to the understanding of modern European politics, history, law and thought.

ESPS2101

European Integration in Historical Perspective

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines differing conceptions of Europe, the history of the EEC and EU, and the attitudes of individual states to the process of European integration.

ESPS2102

The Politics of European Integration

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide students with an understanding of the process of European integration, and its current political implications for European nation states.

ESPS2104

International Relations Theories

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to the major theoretical traditions in International Relations – Realism, Liberalism, Marxism, Constructivism, and Feminism – and uses these different theories to address historical and current events in world politics.

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

Contact name

Andrew King
EMAIL andrew.k@ucl.ac.uk
TEL +44 (0)20 7679 3707

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- European Languages Culture and Society, page 33
- Philosophy, page 48
- UCL Centre for Languages & International Education, page 51
- Planning, page 65
- Law, page 87
- Slavonic and East European Studies, page 129
- Anthropology, page 136
- Economics, page 142
- Geography, page 145
- History, page 148
- Political Science and International Relations, page 154

ESPS2107**Food: Consumerism and Globalisation from Free Trade to Fair Trade***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores the 'moral economies' of food production, consumption and distribution in the context of industrial capitalism, from the early 19th century to the present day.

ESPS2108**Co-operation and Co-operatives***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will draw on a range of historical and contemporary examples to explore these questions, including not only the well-known consumer co-operative societies of Europe but also the agricultural and credit co-operatives of the Global South.

ESPS2301**EU Law***Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course aims to provide students with a very good grounding in the foundational doctrines of European Union (EU) Law.

ESPS2302**Principles of Public International Law***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course provides an introduction to the subject of public international law.

**ESPS4401****Anarchism, Marxism and Beyond***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the relation between the individual, society and the state by exploring the tradition of political thought.

ESPS6101**Political Economy***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The goal of this course is to familiarise students with important concepts and models in Political Economy.

ESPS7101**German Political and Social Thought***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course looks at ways in which German thinkers such as Marx, Weber and Habermas have explained the distribution and exercise of power in modern societies and how they have approached the question of political domination and representation.

ESPS7104**Ideologies and Political Hegemony***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is for students who are interested in political ideas and who wish to understand how those ideas are born and shape political conducts, or influence paradigmatic shifts in the domain of policy making.

ESPS7209**Nietzsche***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course is concerned with the philosophical theories of the philosopher Friedrich Nietzsche. Students will read a selection of Nietzsche's work as well as relevant secondary commentary and criticism.

ESPS7401**War and Peace***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines theories about war and peace from early modern to modern times.

FINE ART

The Slade School of Fine Art is concerned with contemporary art and the practice, history and theories that inform it. It approaches the study and practice of art in an investigative, experimental and research-oriented way, contributing to the lively discourses of contemporary art, nationally and internationally.

Why study Fine Art at UCL?

You will work alongside students studying on the BA or BFA in Fine Art and specialise in painting, sculpture or fine art media (which includes electronic media, photography, print, film and video, and sound). All Slade staff are actively involved in research and teaching and have a diverse range of interests and expertise. In addition to extensive academic facilities, UCL's central London location enables easy access to world-class galleries, museums, libraries, theatres and cultural institutions.

What will you gain from study at UCL?

You are expected to be highly motivated and able to work independently under the guidance of your personal tutor. Each subject area provides a focused environment in which to address the practice and theory of the subject. Students participate in a programme of seminars, visiting artists, gallery visits and workshops in addition to tutorials, and can opt to take a history and theory of art course within the department.

Teaching and assessment

Studio work is assessed at the end of your studies and those following a history and theory of art course submit written work for assessment.

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

Contact name

Lou Adkin
EMAIL l.adkin@ucl.ac.uk
TEL +44 (0)20 7679 2313

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- History of Art, page 151

Additional note for applicants

When applying, applicants will need to provide a portfolio showing a good range of their current and recent work.



Core course

FINA6601

Independent Studio Programme in Fine Art

Availability

Year, Fall Term, Spring Term

Credit Value

16/32 (US) 30/60 (ECTS)

Students may specialise in painting, sculpture or fine art media. **Please note: students who select this programme take their full credit load in the Slade and can not select courses from other UCL departments.**



GREEK AND LATIN (CLASSICS/ANCIENT WORLD)

UCL's Department of Greek & Latin is one of the top-rated Classics departments in the UK. With specialists in the fields of literature, philosophy, historiography, linguistics and papyrology, our expertise ranges from the earliest beginnings of the classical world to its influence in the modern world.

Why study Greek and Latin (Classics/Ancient World) at UCL?

The department is located close to some of the finest resources for the study of the classical world in Britain: not only does UCL have an excellent classics library, but the British Museum, the British Library, and the Institute of Classical Studies are all only a few minutes' walk away.

What will you gain from study at UCL?

Our wide range of courses in language, literature, philosophy and culture will enable you to develop skills in all areas of the discipline. You will also benefit from our close collaboration with UCL's Department of History and Institute of Archaeology.

Teaching and assessment

Most courses are taught in lectures or classes. Assessment is usually a combination of coursework and final examination. Alternative assessment for semester-only students is always available. Courses are open to all students, though prerequisites, particularly in language studies, may apply to some courses.

Please note that many of our Level 2 and 3 courses are suitable for both second- and third-year students. Please contact the department to enquire about any courses that interest you.

Level 1 courses

CLAS1201

Greek Myth: Its Use and Meaning

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the study of Greek mythology in its literary, social, historical and philosophical context.

CLAS1202

Roman Life and Thought

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers a survey of everyday life under the Roman Empire, considering the physical realities, daily life, man-made environment, national institutions and intellectual attitudes of Roman civilisation.

CLAS1204

Approaches to the Ancient World

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an interdisciplinary study of literary, historical and archaeological approaches relating to aspects of death and to life in the sense of an individual's life history in the ancient world.

CLAS1205

Interpreting Greek Literature

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A broad-sweep survey across ten centuries of Greek literature starting from Homer and Hesiod in the eighth century BC up to the Hellenistic Age of poetry and the Greek novel. All readings are in translation.

CLAS1206

Interpreting Latin Literature

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A broad-sweep survey of Roman literature, covering the principal authors and genres and starting from the beginnings of early Latin literature, through the Republican period and into early Imperial Rome. All readings are in translation.

CLAS1207

Politics Ancient and Modern

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the many ways in which classical antiquity has helped shape the modern world, with a focus on political and social issues.

CLAS1301

Introduction to the Study of Language

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

The course is intended for any student interested in the two central themes of how languages work and how they change.

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

Contact name

Dr Antony Makrinos
EMAIL classicsoffice@ucl.ac.uk
TEL +44 (0)20 7679 7522

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Archaeology, page 139
- History, page 148



GREK1001**Greek for Beginners A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the ancient Greek language, including the study of grammar, principles of sentence construction and the reading of selected texts.

GREK1002**Greek for Beginners B***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the ancient Greek language, following on from Greek for Beginners A (GREK1001), and including the study of grammar, principles of sentence construction and the reading of selected texts.

LATN1003**Latin for Beginners A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the classical Latin language, including the study of grammar, principles of sentence construction and the reading of selected texts.

LATN1004**Latin for Beginners B***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the classical Latin language, following on from Latin for Beginners A (LATN1003), and including the study of grammar, principles of sentence construction and the reading of selected texts.

Level 2 courses**CLAS7110****Ancient Greek Historiography***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Provides a literary and historical examination of a selection of the writings of the ancient Greek historians (including a look at some texts not obviously or usually categorised as history, such as the New Simonides).

CLAS7111**Greek Authors: Homer***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers a focused study of Homer's *Odyssey* and *Iliad*, but will also include reference to other archaic epic (e.g. Hesiod).

CLAS7112**Roman Authors: Roman Love Poetry***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide students with an understanding of the genre of Roman love poetry (in translation).

CLAS7113**The World of Latin Letters***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will offer a survey of the traditions and evolution of the epistolary genre, analysing samples from Cicero, Horace, Ovid, Seneca the Younger, Pliny the Younger, Fronto and elsewhere.

CLAS7115**Classics and Literary Theory***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This survey course is designed to provide a general critical background to the author and theme-based literature courses taught both in the original language and in translation.

CLAS7116**Ancient Greek Religion***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to ancient Greek religion, focusing primarily on ancient evidence, literary and inscriptional, but also taking modern comparative and anthropological work into consideration.

CLAS7439**Roman Satire and its Reception***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An exploration of Roman verse satire, read in English translation, from its beginnings with Lucilius through Horace to Juvenal, and addressing also the modern reception of Roman satire.

GREK2001**Intermediate Greek A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides intermediate work in Greek for those who have taken a beginners' course, or have equivalent beginners-level knowledge.

GREK2002**Intermediate Greek B***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to develop students' knowledge of the Greek language from the level achieved at the end of Intermediate Greek A (GREK2001).

GREK2006**Greek Texts 1***Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

A study of Classical Greek language, involving the reading and translation into English of prose and verse texts, exercises in grammatical analysis and stylistic criticism, the translation of English sentences into Greek, and some verse scansion.

GREK7009**Greek Translation***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

A course of exercises and discussions designed to improve the fluency of unprepared translation into English from Greek prose and verse authors.

LATN2003**Intermediate Latin A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A study of Latin grammar and syntax, for those who have completed Beginners Latin B (LATN1004) or already have Latin to an equivalent standard.

LATN2004**Intermediate Latin B**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Following on from Intermediate Latin A (LATN2003), this course develops students' language skills to a point where they will be able to read and translate original Latin texts.

LATN2008**Latin Texts 1**

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

A study of Classical Latin language, involving the reading and translation into English of prose and verse texts and exercises in grammatical analysis and stylistic criticism.

LATN7011**Latin Translation**

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

A course of exercises and discussions designed to improve fluency of unprepared translation into English from Latin prose and verse authors.

LATN7012**Latin Prose Composition**

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course aims to enable students to acquire the principles and techniques of writing Latin prose (translation from English).

LATN7013**Late and Medieval Latin I**

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

A survey designed to show the range, variety and quality of Latin prose and poetry from the late empire to the Middle Ages.

LATN7014**Latin Palaeography**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to introduce students to the materials and methods employed in the production of written documents on stone, papyrus and parchment and to familiarise them with the historical development of Roman scripts.

Level 3 courses**CLAS3104****Epic and Empire**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An exploration of the relationship between literary epic and political ideology, and more generally between literature and politics. All texts will be read in English translation.

CLAS3901**Extended Essay**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An essay of 4,000–6,000 words, including footnotes and excluding bibliography, on a subject related to one or more courses being taken by the candidate in the final year.

**GREK7006****Greek Texts 2**

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

This course aims to broaden and deepen students' knowledge of two major texts or important genres of Greek literature in the original language.

GREK7306**Greek Dialects**

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course introduces the language, script and history of the Ancient Greek dialects, and effectively also serves as a basic introduction to Greek historical phonology and morphology.

GREK7307**Greek Papyrology**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the study of Greek papyri, documentary as well as literary. Each class will focus on a small number of texts, one or two of which will be studied in detail on a photograph.

GREK7403**Greek Drama**

Availability
Spring Term

Credit Value
8 (US) 15 (ECTS)

This course aims to broaden and deepen students' understanding and appreciation of Greek drama through the study of prescribed texts in the original.

LATN7008**Latin Texts 2**

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

This course aims to broaden and deepen students' knowledge of two major texts or important genres of Latin literature in the original language, and to develop students' ability to read and understand texts in their literary and historical context.

LATN7437**Ovid**

Availability
Year

Credit Value
8 (US) 15 (ECTS)

A study of the works of Ovid, ranging from the *Amores* and *Heroides* to the exile poetry.

HEBREW AND JEWISH STUDIES

Hebrew and Jewish Studies (HJS) at UCL offers classes in languages (Hebrew, Yiddish, and languages of the ancient Near East), in Jewish/Israeli history, literature and politics, taught by staff who are world-class experts in their respective areas of Jewish studies.

Why study Hebrew and Jewish Studies at UCL?

You will have access to the major collection of Hebrew, Yiddish and Judaica works held by UCL Library, and will be located close to some of the world's leading museums and libraries including the British Museum, the Jewish Museum, UCL's Petrie Museum of Egyptian Archaeology, and the British Library.

What will you gain from study at UCL?

Our wide range of courses will allow you to gain a broad understanding and develop new perspectives in areas such as the history of Israel, literature, Holocaust, antisemitism and Hasidism. You will benefit from world-class teaching across the breadth of disciplines within Jewish studies.

Teaching and assessment

Most courses take the form of lectures and are assessed by both coursework and written examination. One-term students will be assessed by coursework only. Many of our courses are open to all students.

This course list is not exhaustive and is subject to change. Please consult the departmental website for up-to-date information.

Core courses

HEBR1005

Introduction to Biblical Hebrew

Availability

Year, Fall Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

An in-depth introduction to the grammar and syntax of Biblical Hebrew, with full attention to pointing, and using narrative texts. Kelley's grammar will be used.

HEBR1006

Modern Hebrew for Beginners

Availability

Year, Fall Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

Basic grammatical outline; intensive acquisition of vocabulary; reading of easy Hebrew texts; introduction to essay-writing and conversation over a fairly limited range of topics.

HEBR5771

Survey of Jewish History 1: The Ancient and Medieval Near East

Availability

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course introduces the student to Judaism in biblical times, beginning with the historical and cultural context in which Judaism developed. The syllabus compares biblical accounts of the Flood with contemporary Babylonian flood stories, and discusses the development of writing and literature among Israel's neighbours. The Exodus is also examined against the background of Egyptian archaeology.

HEBR5772

Survey of Jewish History 2: From Medieval to Early Modern Europe

Availability

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

The decline of the Gaonate in the East and the rise of new centres of Hebrew scholarship in Western Europe; the emergence of Jewish self-governing institutions; the formation of Ashkenazi Jewry; Sephardi Jewry to the expulsion from Spain; the Jewish philosophical and mystical traditions; the Marrano Diaspora; the mystical messianism of Sabbatai Zvi; Hasidism.

HEBR5773

Survey of Jewish History 3: The Modern World

Availability

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This section of the survey will explore the modern period in Jewish history, when traditional Jewish life was confronted with intensified transformation in all spheres of life: religion, economy, culture, society, and politics.

History courses

HEBR7216

Moses Maimonides in Jewish Thought and History

Availability

Year

Credit Value

8 (US) 15 (ECTS)

Moses Maimonides (1135–1204) is a key, if controversial, figure in Jewish thought and history. The course provides an informed outline of his Hebrew and Judeo-Arabic writings (using English translations) and critically considers his effects and the responses to him in his own time and in subsequent centuries.

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

Contact name

Departmental Affiliate Tutor
EMAIL jewish.studies@ucl.ac.uk
TEL +44 (0)20 7679 7171

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Archaeology, page 139
- History, page 148

HEBR7711

European Jewry and the Holocaust*Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

The course aims to provide a narrative of the principle circumstances and events leading to and comprising the Holocaust, and to have students think more analytically, critically, and historically about the Jewish people and the conditions that made possible the Holocaust.

HEBR7731

The Jews of Iberia and the Sephardi Diaspora*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores the origins and concept of 'Sephardi', as well as the cultural features with which it is associated.

HEBR7734

The Jews of central Europe: Histories, Entanglements, Transformations*Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course will chart the development of Jewish life in central Europe from the medieval period to the present, focusing especially on Jews' interaction with their non-Jewish environment and the diverse ways in which Jewish life has been transformed in different settings.



HEBR7759

Judaism and the Origins of Christianity*Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course assesses the complexity of Judaism in the period when Christianity arose, and the attitudes of Jesus and his successors towards Jewish law and Judaism.

HEBR7766

Israel and the Occupied Territories*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will cover Israel's complex relationship with the Occupied Territories.

Language courses

HEBR5326

Introduction to Jewish Languages*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will introduce students to the study of Jewish linguistic varieties throughout history, such as Aramaic, Yiddish, Judezmo (Judeo-Spanish), Judeo-Greek, Judeo-Arabic, Judeo-Italian, Judeo-Persian, Jewish Russian and Jewish English.

HEBR7302

Modern Hebrew (Lower Intermediate)*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course will expand vocabulary relevant to a range of everyday topics and situations. It will develop fluency and more accurate use of basic grammatical structures and vocabulary.

HEBR7303

Modern Hebrew (Higher Intermediate)*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course aims at developing Modern Hebrew language skills that will enable students to express themselves fluently. It is open to students with sufficient prior knowledge of the language (Level 3).

HEBR7304

Advanced Modern Hebrew*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course aims at developing Modern Hebrew language skills that will enable students to express themselves fluently, and to read Israeli newspapers and literature.

HEBR7314

Advanced Modern Hebrew – Non-fiction*Availability*
Fall Term*Credit Value*
8 (US) 15 (ECTS)

This course is designed to train students in the reading of scholarly literature currently published in Hebrew in Israel.

HEBR7416

Introduction to Syriac*Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

An introduction to Syriac language and literature.

HEBR7504

Elementary Yiddish*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course is designed to enable complete beginners to speak, read, write and understand Yiddish. Each lesson will include study of new vocabulary, grammar and various aspects of Yiddish culture.

HEBR7505

Intermediate Yiddish*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course focuses on developing Yiddish speaking, listening, reading and writing skills.

HEBR7603

Introduction to Ugaritic*Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

Texts from the ancient Syrian city of Ugarit (15th to 13th centuries BCE), with introduction to their language.

HEBR7819

Introduction to Judeo-Spanish and its Literature*Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course is aimed at students who want to immerse themselves into a language and culture of a specific Jewish group such as the Sephardim or Spanish Jews.

Literature courses

HEBR7310

Rattling the Gender Agenda in Israeli Women's Writing*Availability*
TBC*Credit Value*
4 (US) 7.5 (ECTS)

The course will look at Israeli women's writing from a feminist perspective and will focus on topics such as writing the body, women's coming of age narratives, voices of orthodox women, women and the Arab-Israeli conflict, and explore their correspondence to social/political intersections.

HEBR7414

Jewish Literary Aramaic*Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

An introduction to Jewish post-biblical Aramaic literature. All texts will be read in Aramaic, with detailed attention to the language, the Hebrew original and the mode of translation (if any) exegetical traditions and linguistic developments.

HEBR7755

Representations of Trauma – Holocaust Writing*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will attempt to look at representations of the Holocaust as acts of witnessing involving writers and readers, texts and their contexts, in the process of testifying.

Politics courses

HEBR7750

The Arab Israeli Conflict*Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course offers an analysis of the Arab Israeli conflict from its origins through to the present day.

HEBR7761

Anglo-Israeli Relations, 1948–2006*Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course examines the relationship between the United Kingdom and Israel from 1948 until the present.

Text courses

HEBR7418

Ancient Hebrew and Related Inscriptions*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on the ancient Hebrew and cognate epigraphy from Ancient Israel and its environment. It will provide a close reading of a selection of sources in view of philology, history, hermeneutics and politics. Among the ancient epigraphy to be read are the Tel Dan inscription, the Siloam inscription, the Mesa Stele, and ostraca from Kuntillet Adzjud.

HEBR7812

Hasidism and Modernity*Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

Investigates the variety of Hasidic views on topics such as rationalism, individualism, defectors from Judaism, the relationship between Jew and Gentile and the role of women in Hasidic life.

PHILOSOPHY

Philosophy is an attempt to reach the deepest and most general understanding of anything and everything. Since Philosophy touches every subject, we welcome affiliates from any field of study. You will find that philosophical reasoning – searching out every unexamined presupposition – is an unsurpassed mental exercise.

Why study Philosophy at UCL?

In the 2008 UK government assessment of philosophy departments, UCL was judged to have submitted the highest proportion of research that was of 'world-leading quality'. The philosophers who teach in our department are friendly and approachable.

What will you gain from study at UCL?

For many the study of Philosophy is a great mind opener. They discover that behind a veneer of unexamined everyday presuppositions there is wonder in everything – which can be expressed as philosophical questions. Addressing these questions they develop rigour in their reasoning.

Teaching and assessment

For nearly every course there is a weekly lecture and a weekly discussion class. Most Fall Term courses are assessed by essay. Most Spring Term courses are assessed by examination in the Summer Term.



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

Contact name

Professor Mark Kalderon
EMAIL m.kalderon@ucl.ac.uk
TEL +44 (0)20 7679 3577

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Science and Technology Studies, page 116
- History, page 148

Some of the courses listed here may have changed or been replaced. Please see the [Study Abroad Guide website](#) for the latest information.

Level 1 courses

PHIL1010

History of Philosophy I

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to ancient Greek thought.

PHIL1011

History of Philosophy II

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to early modern philosophy (i.e. the philosophy of the 17th and 18th centuries). It concentrates on selected topics in metaphysics and the theory of knowledge.

PHIL1012

Knowledge and Reality

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to epistemology and metaphysics. Topics include: analysis of knowledge, scepticism, perception, existence of other minds, time freedom, causation, and personal identity.

PHIL1013

Introduction to Logic 2

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to introduce the student to the main ideas, concepts and techniques of contemporary first-order logic.

PHIL1014

Introduction to Logic 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to introduce the student to the main ideas, concepts and techniques of contemporary propositional logic, including syntax, semantics and natural deduction.

PHIL1015

Introduction to Moral Philosophy

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to moral philosophy through the examination of key historical texts. Historical figures that may be covered include, but are not limited to, Aristotle, Hume, Kant, Mill, and Nietzsche.

PHIL1016

Introduction to Political Philosophy

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is designed to introduce students to some of the main works in Political Philosophy, such as the writings of Plato, Locke, Hume and Mill.

PHIL1017

Philosophy Tutorial: Texts and Debate

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course is designed to introduce students to a variety of central philosophical texts (including historical and contemporary texts) on fundamental topics, and to train them in philosophical debate and in essay writing.

Level 2 courses

PHIL2030
Aesthetics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course offers an introduction to issues in aesthetics and the philosophy of art.

PHIL2031
Morality and Literature
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course looks at points of intersection between moral philosophy and literature.

PHIL2032
Applied Ethics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course examines selected topics in applied ethics.

PHIL2033
Metaphysics
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course focuses on three core themes in metaphysics: freedom of the will and determinism, the philosophy of time, and the problem of personal identity.

PHIL2034
Philosophy of Mind
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course offers an introduction to the mind/body problem.

PHIL2035
Knowledge
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course deals with a variety of topics in epistemology – the philosophical study of knowledge.

PHIL2038
Topics in Greek Philosophy: Plato
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course introduces students to Plato's thought by way of a critical reading of some of his most famous dialogues, along with some influential papers from the contemporary literature.

PHIL2040
Marxism
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

The course examines some of Marx's most important writings concerning alienation, emancipation, exploitation and historical change as well as exploring the controversy concerning Marx's attitude to justice and morality.

PHIL2045
Philosophy of Language
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course will examine some selected topics in the philosophy of language. Although the precise contents may vary slightly from year to year the course will typically cover: sense and reference, definite descriptions, proper names, necessity, and existence.

PHIL2048
Intermediate Logic
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course presents the main results in metalogic, including the soundness and completeness of first-order deductive systems, their expressive limitations and the central concepts of set theory, concentrating on the concept of cardinality. It also aims to introduce the student to basic logical techniques, including inductive and recursive definitions and inductive proofs.

PHIL2049
Rationalism
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course presents the main results in rationalism.

PHIL2050
Decision and Game Theory
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course presents the foundations of decision theory and game theory. The module will present the basic framework of expected utility theory with an eye towards its philosophical foundations and applications.

PHIL2051
Topics in Political Philosophy
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course is designed to deal with a variety of topics in political philosophy. It is intended for students with a range of specialisations, but some background knowledge in political philosophy.

Level 3 courses

PHIL3031
Global Justice and Health
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course explores contemporary debates in global justice, especially as applied to issues of international health inequalities.

PHIL3032
Normative Ethics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course provides a focused exploration of topics in normative ethics, which might include consequentialism, deontology, contractualism, virtue ethics, and/or the morality of harming and saving from harm.

PHIL3039
Early Wittgenstein
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course aims to introduce the student to Ludwig Wittgenstein's early philosophy, focusing in particular on the interpretation of his *Tractatus Logico-Philosophicus*. It will also present relevant aspects of the philosophies of Gottlob Frege and Bertrand Russell.

PHIL3040
Adorno: Art and Politics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

The course will provide a detailed overview of the philosopher T W Adorno's views on art, politics and the relationship between the two.

PHIL3041**Advanced Topics in Political Philosophy***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is designed to deal with a variety of topics in political philosophy. It is intended for students with a range of specializations, but some background knowledge in political philosophy.

PHIL3042**Topics in Greek Philosophy: Aristotle***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will provide an introduction to Aristotle by way of a critical reading of some of his most famous works, along with some influential papers from the contemporary literature.

PHIL3043**Experience***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The topic of this course is the metaphysics of experience. It will explore the nature of experience by comparing different sensory modalities, specifically, vision, audition, and touch. Our starting point will be Broad's comparative phenomenology of these senses in "Elementary Reflections on Sense Perception", and we will discuss contemporary papers on these senses in following up Broad's claims.

PHIL3044**Kant***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course provides an introduction to Kant's theoretical philosophy.

PHIL3045**Advanced Class in the Philosophy of Mind***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is designed to introduce advanced undergraduate students to detailed study of a central topic, or topics, in the Philosophy of Mind.

PHIL3048**Philosophy of Mind and Cognitive Science***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will explore core themes in the philosophy of cognitive science. We will focus on three such themes: perception and consciousness, theory of mind, and the nature and acquisition of concepts.

PHIL3050**Sartre's Philosophy***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus on Sartre's philosophical writings of the 1930s and 1940s: mainly Being and Nothingness, and some of the phenomenological writings that preceded it (for example, Outline for a Theory of the Emotions and The Transcendence of the Ego).

PHIL3054**Philosophy of Religion***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus each year on four or five theoretical topics in analytic philosophy of religion. Previous study of second-year metaphysics and epistemology courses is not strictly required but is advised.

PHIL3060**Philosophy, Politics and Economics of Health***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines some central ethical, economic and political problems facing health policy in the UK and abroad, especially in relation to social justice.

PHIL3062**Metaphysics of Science***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

In this course, we will cover three central topics in the metaphysics of science: causation, chance and the laws of nature.

PHIL3065**Late Nineteenth-Century Philosophy: 1850–1900***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will examine philosophers from the second half of the 19th century. Syllabus will vary by year. Traditions and figures studied will include typically, the Pragmatists, the British and American Idealists, and Bergson.

PHIL3067**Philosophy of Art***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will examine major historical writings in aesthetics and the philosophy of art, with an emphasis on Kant and classical German philosophy.

UCL CENTRE FOR LANGUAGES & INTERNATIONAL EDUCATION (CLIE)

The aim of all our language courses is to enable you to improve both your ability to communicate and your linguistic competence in the chosen language. A balance of receptive (reading, listening) and productive (speaking, writing) skills are developed through communicative classes and self-study. Various transferable skills are also covered.

Why study UCL Centre for Languages & International Education (CLIE) at UCL?

The centre is not an admitting department, but if you are admitted to another department you may be able to take a language course (or courses) with us. We offer Arabic, Dutch, French, German, Italian, Japanese, Mandarin and Spanish at seven levels; from complete beginners (syllabus A) to advanced (syllabus D) through to specific courses for more fluent speakers. Three English courses are also offered.

What will you gain from study at UCL?

As well as the language courses on offer as part of your studies at UCL, we offer many evening courses and access to additional language learning resources.

Teaching and assessment

You can choose between courses carrying a credit value of 4 US/7.5 ECTS or of 8 US/15 ECTS. Courses involve two or four hours tuition every week depending on credit value. Classes are held in the target language and are kept as small as possible. Assessment is through a balance of coursework and examinations.

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

Contact name

Jenny Rodgers
EMAIL clie-courseunits@ucl.ac.uk
TEL +44 (0)20 7679 5481

Availability

Year, Spring Term

Related courses can be found in these departments:

- European Languages, Culture and Society, page 33
- European Social and Political Studies, page 39
- Greek and Latin (Ancient World), page 42
- Hebrew and Jewish Studies, page 45
- Slavonic and East European Studies, page 129



Core course

LANG0000

Language Study

Availability

Year, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

All language courses offered by the centre are available to affiliate students. These cover the languages and levels mentioned on this page. CLIE course units run from September to May; however, if you are starting at UCL in January you may be able to join a language course unit upon arrival at UCL if you have been studying the language at your home institution during the Fall Term. Please contact us for further information.

ARTS AND SCIENCES



I really liked the diverse and multicultural environment. It is truly amazing to talk in classes with people from all around the world with various backgrounds. Living in London was an amazing experience because there are so many things to do (museums, festivals, conferences, movies, cultural events, sports events, etc.). If you like to be active, you can always find something interesting to do! Otherwise, if you just want to relax, you can just go to one of the many pubs of London to talk with friends. This environment can benefit to your studies because you always learn new things and meet new people that make you think and evolve as a student and individual.

I had the chance to visit a lot of small towns in Kent and South-East England, such as Canterbury, Dover, Ramsgate, Margate, and Whitstable. I also visited the famous cities of Cambridge and Oxford during a trip organised by UCL Union. Finally, I spent a weekend in Edinburgh, which is a really interesting and beautiful city!



Leo Arthur Barroul
Université de Montréal
Canada

LIBERAL ARTS AND SCIENCES

Arts and Sciences offers you a unique opportunity to study the subjects that interest you most, here in the heart of London. With a Liberal Arts approach, the programme allows you to study a range of arts and science subjects from leading departments across UCL.

Why study Liberal Arts and Sciences at UCL?

As well as allowing you to create a bespoke programme of study, Arts and Sciences at UCL also provides core courses which enhance the understanding of how different branches of knowledge relate to one another and encourage interdisciplinary thinking. This distinct approach delivers both educational breadth and depth, and fosters an understanding of working across the disciplines to respond to real world issues.

What will you gain from study at UCL?

You will benefit from world-class resources across a range of subject areas and an immersion into student life at London's Global University. The core courses will provide you with the knowledge and skills to think across the disciplines, an ability which is of vital importance to employers in our increasingly interconnected world. Located in historic Bloomsbury, you will have access to a vast array of cultural and social opportunities to supplement your learning and heighten your experience.

Teaching and assessment

Teaching is delivered via lectures, laboratory and small seminars. Courses are assessed in a variety of methods including research papers ('essays') laboratory work and examinations (in May). The core courses also utilise non-traditional assessment techniques such as assessed podcasts, blogs and group work. Students coming for the Fall Term only are examined in December.

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

| |
|--|
| Contact name |
| Owain Evans EMAIL o.evans@ucl.ac.uk TEL +44 (0)20 7679 2573 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £18,130 For full explanation of tuition fees please see page 157. |

Full-year students must take a minimum of three courses from the core and pathway offerings. These can be supplemented by courses from other UCL departments. Fall Term or Spring Term only students must take two courses from the list below.

Core courses

BASC1001

Approaches to Knowledge: Introduction to Interdisciplinarity

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on the role of interdisciplinarity in breaking down old boundaries of knowledge and its role in creating new ways of thinking about knowledge.

BASC1002

Interdisciplinary Research Methods

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course teaches you how to produce reliable data using questionnaire and survey design.

BASC1003

Quantitative Methods: Exploring Complexity

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course tackles estimation problems, learn coding with Python, and explore statistics and game theory.

BASC2001

Object Lessons: Communicating Knowledge Through Collections

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Working with objects from UCL's unique collections and examining them from interdisciplinary perspectives, you will build your own virtual exhibition.

BASC2002

Quantitative Methods: Data Science and Visualisation

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is strongly complementary to the Qualitative Methods course (BASC1003). It puts society under a data-driven lens in an evidence-based approach to understanding and explaining the world.

BASC2003

Making Value Judgments: Qualitative Thinking

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course takes a broad look at qualitative thinking, value judgements and subjective thinking. Among the themes are aesthetics, gifts, subjective experience and Bourdieu's idea of cultural capital.

BASC2012

Science Meets Religion in the Global Community

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The relationship between science, religion and progress.

BASC2032**Evolution and The Human Condition***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course introduces the basics of evolutionary thought, including a limited number of the underlying theoretical analyses and empirical observations.

BASC2042**Understanding Cities and their Spatial Cultures***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will consider the broader implications of life in cities from historical and contemporary perspectives while looking ahead to a range of possible urban futures.

BASC2052**Migration and Health***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course analyses the interplay between migration and health, i.e. the physical, mental and social well-being of migrants.

BASC2072**Energy Systems***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the scope and challenges of energy supply and demand, key concepts in the science of energy, potential technological options, the trade-offs in market design, the role of analytical tools, and the economic and social drivers of energy use.

BASC2082**Technology and Arts in Cultural Heritage***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the role which technology plays in the development, distribution and preservation of art and material heritage.

Pathway courses**CEGE1008****Engineering Thinking I***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides a hands-on experience of engineering in defining and solving a socio-technical problem. You will work in teams to design an engineering model and build a new system to improve water efficiency on the UCL estate.

CLAS1207**Politics Ancient and Modern***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores the many ways in which classical antiquity has helped shape the modern world, with a focus on political and social issues.

**ENVS1026****Looking, Making and Communicating***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This practical course provides an introduction to casting; drawing a section through an object, building or city; sketching, diagram and model-making techniques; crafting and fabricating components; photography; surveying techniques, and visualisation software (Photoshop). Visiting professionals will run workshops demonstrating the various techniques.

LAWS1014**Law in Action***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces the reality of law in modern society. You will explore this through a number of specific examples of "law in action", including legal disputes about when life begins and ends, the prosecution of serious criminal offences, investigation of war crimes and the analysis and presentation of forensic evidence in court.

MATH1403**Mathematical Methods for Arts and Sciences***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is to bring students from diverse educational backgrounds to a uniform level of confidence and competence in basic calculus, a subject which is of basic importance not only in most areas of mathematics, but also in science in general.

MECH2022**Engineering Design***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Learn how to interpret a design brief, design techniques and methodologies and how to use computational design and analysis tools such as CAD and MATLAB analysis.

BRAIN SCIENCES



I really liked the fact that UCL has a reputation for incorporating students from all corners of the world. In a world of increasing globalization, I knew it was important now more than ever to meet, communicate and learn from and with people from a diverse range of backgrounds and thus UCL was the perfect place to do so.

I studied psychology and neuroscience at my home university, and thus I continued with these studies at UCL. I love that psychology and neuroscience revolve around the most important part of humans – the brain and its corresponding behaviour! For me the best element of the programme was the opportunity to work in research laboratories with UCL doctors.



Aditee Mane
University of Arizona
Tucson, USA

LINGUISTICS

Although we all use our native language effortlessly, a surprisingly rich set of precise rules has been found to underlie our ability to do so. Linguists and phoneticians at UCL carry out cutting-edge research into various aspects of the human language faculty, something that is reflected in our teaching, which is challenging, interactive and fun.

Why study Linguistics at UCL?

Language researchers at UCL work on topics ranging from language acquisition and aphasia to the mathematical properties of human grammars. In line with this, we offer courses in three core areas: phonology/phonetics ('sound'), syntax/morphology ('sentence structure'), and semantics/pragmatics ('meaning'). In addition, you can take courses in psycholinguistics and sociolinguistics.

What will you gain from study at UCL?

You can develop your understanding of the human language faculty at many different levels, from introductory to very advanced. Of course, the skills associated with these levels differ, but all our courses help you question the familiar and evaluate different points of view. You will also develop your skills in oral and written presentation.

Teaching and assessment

Courses typically consist of a weekly lecture (one or two hours) plus a 'back-up' in which students work in small groups. Assessment in introductory courses is usually by (end-of-term) examination. Intermediate and advanced courses are normally assessed by essay.

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

Contact name

Stefanie Anyadi
EMAIL s.anyadi@ucl.ac.uk
TEL +44 (0)20 7679 4224

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Psychology, page 59

Please note that not all courses are available every year, and that availability of courses may be limited. Up-to-date course information may be found online by following links from the Study Abroad Guide website.

Level 1 courses

PLIN1001

Introduction to Semantics and Pragmatics A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the study of meaning in natural language and to some basic logical concepts and their application in semantics and pragmatics.

PLIN1002

Introduction to Semantics and Pragmatics B

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A continued introduction to the study of meaning in formalised and natural languages (from PLIN1001). Two logical languages, the propositional calculus and the predicate calculus, are introduced and their relevance to theories of meaning in natural language is explored.

PLIN1101

Introduction To Phonetics and Phonology A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to phonetics and phonology, including a grounding in practical phonetic skills and basic phonological concepts.

PLIN1102

Introduction to Phonetics and Phonology B

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces the concept of phonemic transcription and discusses the features of connected speech in English.

PLIN1201

Introduction to Generative Grammar A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to the scientific study of human language, with special emphasis on sentence structure.

PLIN1202

Introduction to Generative Grammar B

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course complements PLIN1201. It introduces students to several properties of 'mental grammar' (the system of rules that determines a speaker/hearer's language).

PLIN1302

Introduction to Language

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the main areas of linguistics, including the application of scientific methodology in linguistics.

PLIN1601**Introduction to Children's Language Development***Availability*
Fall Term*Credit Value*
2/4 (US) 3.75/7.5 (ECTS)

This course offers an introduction to language acquisition as a theoretical issue.

Level 2 courses**PLIN2002****Pragmatic Theory***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores the nature of human communication and the relation between the linguistic encoding of meaning and the (much more extensive) speaker meaning communicated in context. Some recent theories of communication and utterance comprehension are introduced.

PLIN2003**Topics in Semantics and Pragmatics***Availability*
TBC*Credit Value*
4 (US) 7.5 (ECTS)

The course investigates two distinctions within the domain of utterance meaning: the semantics/pragmatics distinction and the explicit/implicit communication distinction.

PLIN2108**Intermediate Phonetics and Phonology A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the study of the design properties of the sound systems of human language.

**PLIN2109****Intermediate Phonetics and Phonology B***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An intermediate-level investigation into the design properties of the sound systems of human language.

PLIN2202**Intermediate Generative Grammar A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An intermediate level introduction to theories that deal with the distribution of arguments in generative syntax.

PLIN2203**Intermediate Generative Grammar B***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An intermediate level introduction to the issue of locality in generative syntax.

PLIN7305**Sociolinguistics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to introduce the ways in which spoken language can vary as a result of social factors such as class, age and gender.

PLIN7308**Psycholinguistics: Stages in Normal Language Development***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces the scientific study of language acquisition in typically developing children, with special emphasis on development after the onset of syntax, at around two years.

PLIN7309**Linguistics of Sign Language***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces students to the linguistic study of signed languages, including sign language phonology, morphology, syntax and sociolinguistic variation.

PLIN7310**Animal Communication and Human Language***Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course will survey what is currently known about animal communication systems and compare them to what we know about human language (including phonology, syntax and semantics/pragmatics).

PLIN7311**Neurolinguistics***Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course offers an introduction to the neuroscience of language and its implication for linguistics.

PLIN7312**Morphology***Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course gives an overview of cutting-edge research into the formation of words in syntax, as well as the realisation of words post-syntactically.

Level 3 courses**PLIN3001****Issues in Pragmatics***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course deals with current issues in pragmatic theory. One or two topics will be treated in depth, with a variety of theories, data and approaches being considered.

PLIN3002**Philosophy of Language***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course explores conceptual and logical questions about linguistic theory, with a focus on the study of meaning.

PLIN3003**Semantic-Pragmatic Development***Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course focuses on children's developing pragmatic competence.

PLIN3004**Advanced Semantic Theory***Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course provides students with the background and skills necessary to engage with current research in semantics in the field of theoretical linguistics.

PLIN3101**Phonetic Theory***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course will present a critical examination of a number of theoretical issues in phonetics research, with focus on exploring how human speech can effectively transmit multiple layers of communicative meanings through an articulation process.

**PLIN3103****Advanced Phonological Theory A***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course offers a discussion of recent developments in phonological theory.

PLIN3104**Advanced Phonological Theory B***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course offers an exploration of current developments in phonological theory.

PLIN3201**Current Issues in Syntax***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course introduces students to a recent theory of a specific topic or a series of related topics in generative syntax.

PLIN3202**Readings in Syntax A***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course offers an advanced exploration of a specific topic in generative syntax.

PSYCHOLOGY

Psychology at UCL involves the largest number of researchers in the UK, carries out research across the whole breadth of the field, teaches at both undergraduate and graduate level, and provides leadership in the development of psychology as a profession.

Why study Psychology at UCL?

Psychologists at UCL include many of the world's leaders in their fields. The department is strong in research and in the 2008 UK government Research Assessment Exercise 75% of its research was rated as 3* or 4* (of 'internationally excellent' or 'world-leading' quality). It has excellent teaching and research accommodation for most branches of Psychology.

What will you gain from study at UCL?

Affiliate students will receive exposure to some of the world's leading psychologists and the British perspective on issues in psychology. Students have the opportunity to carry out semi-independent research while at UCL. UCL is especially strong in cognitive neuroscience.

Teaching and assessment

Students attend lectures for each course they are enrolled in and a weekly small-group seminar. Students enrolled only for the Fall Term will write essays in lieu of examinations while full-year and Spring/Summer Term students will sit the normal course examinations. Students registered on the Psychology Affiliate programme must take at least half of their courses in Psychology.

Please note that course availabilities may change, and that certain courses are only available to Psychology affiliates (priority for places is given to Psychology affiliates on other courses). If your home university requires you to take specific courses, please contact the Affiliate Tutor prior to arrival (contact details are given on this page).

Courses

NEUR3045

Visual Neuroscience

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will teach visual neuroscience from a broad, interdisciplinary point of view covering a range of different methods and approaches.

PLIN7109

Stuttering

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course gives the student the skills to evaluate the evidence, theories and practical issues associated with stuttering in early childhood (close to onset) and into teenage years and beyond.

PSYC1103

Introduction to Psychological Experimentation

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This laboratory course introduces the various experimental methods used in different disciplines of Psychology, and learn techniques for designing and carrying out experiments.

PSYC1104

Introduction to Statistical Methods in Psychology

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide a sound introduction to statistical principles and methods used in Psychology.

PSYC1201

Memory and Decision

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to introduce normative and descriptive theories of types of decision making, and enable students to understand basic processes of memory encoding, organisation and retrieval.

PSYC1202

Social Psychology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The themes, methods and ideas of social psychology will be introduced. We will look at how individuals understand themselves and other people.

PSYC1203

The Psychology of Individual Differences

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course outlines how people differ in terms of personality and aptitudes, how we can measure differences, and what the causes might be.

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

Contact name

Daniel Richardson
(affiliate student enquiries only)
EMAIL
daniel.richardson@ucl.ac.uk
TEL +44 (0)20 7679 5508

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Linguistics, page 56

PSYC2203**Research and Quantitative Methods in Psychology***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

Building on PSYC1103, the main aim of this course is to enable students to design and carry out a piece of experimental work, to analyse it, and to write a report.

PSYC2204**Design and Analysis of Psychological Experiments***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide the knowledge required to design sound psychological studies and apply appropriate analyses to the results.

PSYC2205**Brain and Behaviour***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on the principles of the study of animal learning, and the biological basis of various kinds of behaviour, using the aforementioned principles as a foundation.

PSYC2206**Health and Clinical Psychology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Introduces major theories of the aetiology of psychological and psychiatric disorders, reviews research on treatment, and examines theoretical perspectives and empirical research on the role of psychological and social factors in the aetiology of disease.

PSYC2207**Perception, Attention and Action***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Provides basic understanding of core theoretical issues and experimental findings in studying information processing in visual and auditory sensory systems, control of complex motor behaviour, and how attentional processes can mediate between perception and action.

PSYC2208**Language and Cognition***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to convey the results and implications of recent research on central cognitive processes in thinking and language and the brain systems involved, and to discuss the relevant methodologies.

PSYC2209**Developmental Psychology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to give students an overview of child development from infancy to middle childhood.

PSYC2301**Computing for Psychologists***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to computer programming with a bias towards psychological experimentation and research design. The MATLAB programming language will be used throughout the course.

PSYC3102**Social Psychology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on current conceptual debate and methods in social psychology, and deals with the understanding of how the social environment affects cognitive processes, judgement and behaviour.

PSYC3104**Psychology and Education***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to examine ways in which psychological theory and research can inform educational practice.

PSYC3107**Topics in Clinical Psychology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide an introduction to clinical psychology, and to demonstrate the application of psychological theory to common problems in mental and physical health.

PSYC3108**Organisational Psychology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Gives a critical, up-to-date overview of the theorising and research in organisational psychology, and offers an introduction to the theories, techniques and current questions in this field.

PSYC3109**The Social Psychology of Risk***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Public responses to health risks are informed by the mass media, among other factors. This course examines the link between media treatment of health risks, such as pandemics, and lay responses to these in terms of representation and behaviour.

PSYC3110**Topics in Developmental Psychology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to discuss advanced topics in normal and abnormal development, and to illuminate the processes underlying children's development.

PSYC3111**Human-Computer Interaction***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims to discuss a range of contemporary issues in Human-Computer Interaction (HCI), and familiarise students with some of the basic human and machine related factors that influence the design and development of interactive computing systems.

PSYC3201**Applied Decision Making***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to discuss research that throws light on the psychological processes underlying decision making in a number of different domains.

PSYC3205

Speech

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to understand the processes of speech production and perception as they operate normally and pathologically.

PSYC3207

Human Learning and Memory

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An overview of current understanding of learning and memory from behavioural, cognitive, and neural perspectives.



PSYC3209

Cognitive Neuroscience

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to introduce the ideas, techniques, and current state of knowledge in the field of cognitive neuroscience.

PSYC3210

The Brain in Action

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Introduces key questions and theories in modern sensorimotor neuroscience, links these questions to psychological study of the human mind and familiarises students with the diversity of methods and approaches in modern neuroscience.

PSYC3211

Attention and Awareness

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers contemporary cognitive neuroscience research on attention and conscious awareness, covering research using a variety of approaches.

PSYC3303

Topics in Neurobiology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to explore some of the biological bases of behaviour.

PSYC3307

Genes and Behaviour

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to behavioural genetics methods.

PSYC6001

Introduction to Social and Business Psychology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to give non-psychology students an understanding of the theories, research and applications in current Business Psychology.

PSYC9001

One Term Psychology Research Project

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An empirical, experimental piece of work on a psychological topic. Students will be responsible for conducting research under the supervision of a member of academic staff.

PSYC9002

Psychology Readings

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course is designed to give students an opportunity to earn credit for reading articles and books in a specified area of psychology.

BUILT ENVIRONMENT



I can honestly say I have learned more, seen more, and travelled more in one term than I ever could have imagined. The combination of being in a new culture, and learning from a different point of view inevitably pushes one to see the world in a new light. I am positive that my experience abroad will help me in the future – whether it be dealing with foreign clients, adjusting to a new location, or simply sharing knowledge.

I was hesitant to study abroad but now I am so glad I did! The experience has been indescribable, irreplaceable and priceless. I feel much more mature, cultured and experienced – both academically and socially. Thank you UCL Study Abroad!



Aileen Wang
Mount Holyoke College
Massachusetts, USA

ARCHITECTURE

Eminent nationally and internationally, the Bartlett is consistently voted the top architecture school in the UK in the AJ100 (Architects' Journal) list. We offer a multi-disciplinary approach to the study of architecture; our highly innovative teachers, researchers and students have created a new wave of different architectures.

Why study Architecture at UCL?

British architectural education began at UCL in 1841, and since then the Bartlett School of Architecture has been at the forefront of the international architectural debate. Situated in the heart of London, the school is able to draw on the capital's countless experts and facilities in the field.

What will you gain from study at UCL?

You will join a community which is inextricably involved in the production of new buildings, designs, books and all manner of architectural outputs. This is a school where people constantly design, invent, explore, write, draw, teach, speculate, theorise, film, map, critique, analyse and imagine.

Teaching and assessment

Most of the design teaching is on a one-to-one tutorial basis with frequent review sessions. History, theory and technology core courses support the design work and are assessed through a combination of coursework, essays and examination.

Please note that Architecture courses are not available to students registered in other departments at UCL and we are not able to consider applications from candidates wishing to combine Architecture with another subject.

Level 1 courses

ENVS1001

Historical and Cultural Developments of Cities and their Architecture

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to the history of western architecture and urbanism. Special attention is given to the understanding of cultural forces that shape buildings and cities.

ENVS1003

Environmental Design

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to environmental design and associated fields including climate, energy and sustainability.

ENVS1004

Structure, Materials and Forming Techniques

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to structural concepts, materials and forming techniques in relation to architecture. A seminar series is followed by studio-based project work.

ENVS1007

Project Work 1A

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This Level 1 programme aims to develop a creative and diverse approach to architecture. Centred on the design studio, the course is taught to the year as a whole. Students observe, draw, model and design.

ENVS1008

Project Work 1B

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This Level 1 programme is centred around a group project installation and a trip to a major European city.

ENVS1009

Project Work 1C

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

In this Level 1 programme students will develop and explore their own individual architectural proposal for a given site. Through a series of explorations and models a unique design is developed.

ENVS1010

Project Work 1D

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

In this Level 1 programme the individual architectural design proposal is developed into a building and described through a series of drawings and models.

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

Contact name

Departmental Affiliate Tutor
EMAIL bartlett.faculty@ucl.ac.uk
TEL +44 (0)20 7679 4804

Availability

Year

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Planning, page 65
- Project Management for Construction, page 68

Additional note for applicants

Applicants will need to submit a portfolio showing a range of their current and recent work together with their application.

ENVS1019**Making Cities: the Production of the Built Environment***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course fosters a critical understanding of institutional and professional relationships in the production, management and regulation of the built environment. It examines the historical origins of these relationships, current practices and likely futures, principally in Europe.

Level 2 courses**ENVS2001****Design Project***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

In this Level 2 Architecture 'studio' project students join one of nine units, normally run by a practising architect, investigating a distinctive design philosophy and methodology.

ENVS2002**Design Project***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

In this Level 2 Architecture 'studio' project students join one of nine units, normally run by a practising architect, investigating a distinctive design philosophy and methodology.

**ENVS2003****Architecture Projects***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

In this Level 2 Architecture 'studio' project students join one of nine units, normally run by a practising architect, investigating a distinctive design philosophy and methodology.

ENVS2015**Design Technology 2***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course provides students with the knowledge of technical issues which must be addressed during the design and construction of buildings, with reference to prevailing regulations.

ENVS2023**Computers for the Built Environment***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to desk-top publishing and computer-aided design, followed by the choice of an in-depth option (Project Planning, Animation, the Web, or 3D Visualisation).

ENVS2034**History and Theory of Architecture***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course explores themes within recent architectural history and theory, setting architecture in relation to internal and external influences and conditions.

PLANNING

The Bartlett School of Planning at UCL is one of the world’s premier schools of planning, offering unique opportunities for affiliate students to attend courses in urban studies; urban planning; urban design; real estate and urban regeneration.

Why study Planning at UCL?

The school’s courses place considerable emphasis on project work, drawing extensively from the wealth of urban issues in London and the challenges it confronts as a world city, and from the expertise of its internationally renowned staff and extensive research portfolio.

What will you gain from study at UCL?

Our courses are designed to equip you with relevant theories, methodologies, skills and techniques taken from the social science and design disciplines to develop a capacity for creating thinking. The school’s strong research track record and links to professional practice feed into our teaching.

Teaching and assessment

Teaching is conducted through a variety of methods, including lectures, tutorials and project work. Assessment is mainly by essays, project and coursework and presentations. Some courses involve end-of-year examinations, although alternative assessment is available for those studying here in the Fall Term only.



Please note that some of these courses are available only to Erasmus and JYA/ Exchange students whose parent department is the Bartlett School of Planning.

Level 1 courses

ENVS1014

Introducing Planning Systems

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides a deep understanding of planning as a policy-making and decision-making process amidst a range of governmental and private interests and high expectations from a range of stakeholders.

ENVS1015

Planning History and Thought

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course looks at the stages through which the modern planning system has evolved over two centuries (1800–2000).

ENVS1016

Contemporary Cities

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Cities provide the powerhouses for economies and homes for an increasing proportion of the world’s population. This introductory course presents an understanding of the political, economic, environmental and social structure of cities.



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

Contact name

Dr Claire Colomb
EMAIL c.colomb@ucl.ac.uk
TEL +44 (0)20 3108 9569

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Architecture, page 63
- Project Management for Construction, page 68
- Geography, page 145

ENVS1017**Urban Lab I: Graphic Skills***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to some of the basic drawing and presentational skills and techniques required in urban planning.

ENVS1018**Introducing Urban Design: Design Skills***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the theory, techniques and appreciation of design within the context of town planning, urban design and landscape design.

ENVS1023**Management for Built Environment Professionals I***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Introduces the role and importance of management, focusing on the economic, social and political environment in which this happens with regard to the production of the built environment.

ENVS1030**Introduction to Real Estate***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces students to the nature and characteristics of real estate as an asset class and as a factor of production. It will provide an introduction to the main concepts and methods of real estate valuation and drivers of real estate values.

Level 2 courses**ENVS2005****Urban Lab II: Spatial Analysis***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to research design and basic skills in the geographic information system (GIS).

ENVS2006**Urban Design: Theory to Practice***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides students with an overview of urban design theory, encompassing its visual, social, functional, perceptual and environmental dimensions, and provides an opportunity to turn urban design theory into practice by completing an urban design project.

ENVS2007**Green Futures***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to develop a critical awareness of the main environmental issues of relevance to planners, including appreciation of pollution and natural resource issues.

ENVS2009**Economics of Cities and their Regions***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Considers a variety of perspectives on the economy of cities and regions as these apply to a number of salient trends and features of cities and urbanisation.

ENVS2010**Planning Project: Plan-Making***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course enables students to explore the ways in which planning objectives may be realised in the form of plans carried out at different scales and over time.

ENVS2033**Urban and Environmental Politics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the local political context of planning and explores the way urban and environmental concerns have emerged as political issues.

ENVS2036**Urban Form and Formation***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers a grounding in the understanding of different urban form components at different scales – buildings, spaces, streets, districts – and how these relate to each other.

ENVS2039**Management for Built Environment Professionals II***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the core management skills for built environment professionals drawing on research and practice. It is divided into key themes which are strategy, leadership, use of resources, project management and professional ethics.

ENVS2044**Real Estate Economics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers trends and factors which affect the value of real estate, including the nature and classification of land economics.

ENVS2045**Economic Concepts for Planning and Real Estate***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to basic economics concepts (i.e. micro and macro) and theory of demand and supply to explain activities in construction and property market, and the links between economy and property market.

Level 3 courses**ENVS3010****Planning for a Changing Countryside***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines change in the UK countryside during the 20th century. It traces the economic transition away from farming and analyses the consequences for rural society and the environment, asking what role planning has in managing these consequences.

ENVS3014

Development Project: Regeneration

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course comprises occasional lectures, weekly small-group tutorials supporting group and individual analysis work on regeneration in London. Students diagnose problems in a London locality and develop proposals to resolve them.

ENVS3015

Real Estate Development

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines the roles played by social and economic institutions in the development of land, infrastructure and property in a variety of times and places.

ENVS3016

Urban Design: Space and Place

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course includes the preparation of a masterplan proposal and urban design framework for a London waterfront area.

ENVS3018

Urban Project Management

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course acts as a 'knowledge bridge' between management theory and practice and the practice of urban and regional planning and related project implementation.



ENVS3029

Transport Policy and Planning

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course comprises five lectures giving a basic grounding in transport issues, followed by five project sessions that apply the understanding to a particular location.

ENVS3036

Property and Planning Law

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course will introduce students to the basic elements of private and public law which are relevant to property development and investment.

ENVS3037

Real Estate Valuation

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The purpose of this course is to gain an understanding of the economic forces that drive real estate value in the market.

ENVS3038

Finance and Investment Appraisal for Planning and Real Estate

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers the institutions and instruments used to finance residential and commercial real estate.

ENVS3044

Cities and Social Change

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course looks at the interrelationships between society and space in Britain's cities, concepts and theories designed to understand the link between social change and spatial processes, and the policies which have been designed to address urban issues that arise.

PROJECT MANAGEMENT FOR CONSTRUCTION

With a focus on the project management of capital projects this study programme provides a wide appreciation of the construction development process.

This process is considered from the perspective of the client, designers and funders, as well as that of the constructor.

Why study Project Management for Construction at UCL?

This programme has a strong vocational focus and industrial relevance. Collectively the teaching staff have extensive industrial experience and teaching is supported by specialists from industry. London is an international centre for construction and therefore provides excellent opportunities for access to both building projects and construction organisations.

What will you gain from study at UCL?

The programme allows students to gain a detailed understanding of the operation of the construction industry in the UK and of the roles and responsibilities of each project participant. Students will become familiar with project management methodologies and techniques.

Teaching and assessment

The wide range of subjects studied involves a variety of teaching and assessment methods; these include formal lectures, tutorials, field trips and group project work. Increasingly, students are required to give presentations of their work.



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

Contact name

Peter Ronan
EMAIL p.ronan@ucl.ac.uk
TEL +44 (0)20 3108 3217

Availability

Year

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Architecture, page 63
- Planning, page 65
- Civil, Environmental and Geomatic Engineering, page 75

Level 1 courses

ENVS1006

Economics

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to the principles, scope and methodology of economics and how these principles are applied to the construction industry.

ENVS1012

Computing for the Built Environment

Availability
TBC

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to information technology, and reveals the full range of software applications currently in use in the UK construction industry.

ENVS1013

Introduction to the Built Environment

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course provides a general background to building and constructional techniques together with an overall philosophy as to why buildings are constructed the way they are, and how this can affect the management of the process.

ENVS1020

Introduction to Law

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course aims to give students an understanding of the English legal system and the sources of law, and examines the processes by which disputes are settled.

ENVS1021

Materials: their Use and Structural Function

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course provides a framework for identifying the factors affecting the selection, use and performance of a range of materials employed in compressive and tensile building structures.

ENVS1022

The Construction Industry and its Management

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to the UK construction industry describing the products, processes and evolution of management inputs required at different levels and stages.

ENVS1024

An Introduction to Management

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to the study of management: the concepts, theories and practices involved in planning, organising, leading, controlling and improving; and how to apply these to a variety of situations.

Level 2 courses

ENVS2004

Building Services Engineering 1

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course considers the range of building services in domestic, commercial and industrial buildings and develops an understanding of the mechanical services systems currently in use.

ENVS2012

Project Management 1

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course provides a brief introduction to project management, and develops the concepts underpinning the discipline of project management and the professional role of the project manager.

ENVS2013

Law 1

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course provides a broad understanding of the law relating to contracts, including case law, theory and practice, which will be relevant to the construction process and the construction professional.



ENVS2014

Quantity Surveying and Contract Procurement

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course offers a broad and critical perspective on building procurement methods, tendering, estimates, cost planning, cost control and life-cycle costing, as well as an understanding of contract documentation and the work of a quantity surveying practice.

ENVS2024

Technology Studies

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course extends students' knowledge of construction technology to larger, more complex buildings both in terms of design and construction. A strong emphasis is placed on the management and control of the process.

ENVS2025

Economics II

Availability
TBC

Credit Value
4 (US) 7.5 (ECTS)

This course furthers students' understanding of economic principles by specifically applying the techniques to different project valuations and markets (construction and real estate) within the broader economy.

ENVS2038

Building for a Sustainable Future

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course encourages students to consider the challenges faced by society due to a changing climate and diminishing resources. It examines construction's impact and how this can be reduced alongside how the built environment of the future will be shaped.

ENVS2042

Management 1

Availability
TBC

Credit Value
4 (US) 7.5 (ECTS)

This course introduces the basic concepts and the recent development in the management of organisational functions.

ENGINEERING SCIENCES



I was starting my final year in my university in Porto and I wanted a new challenge before graduating. I chose UCL because, academically, I knew it could offer me top conditions and support for developing my research and I wanted to meet people from different regions and cultures; what better option than studying in London at UCL, the global university?

I loved the subject I was working on and the fact it was related to a newly constructed structure here in London, something real and practical, gave me much more motivation! Also, I'd like to point out that I had a lot of support and attention from the two professors that were guiding me in this project and from the department itself. After my experience, I'm considering studying for a PhD at UCL.



Jose Adrego
Universidade do Porto
Portugal

BIOCHEMICAL ENGINEERING

New discoveries in the field of medicine and science are being made constantly. Transforming these discoveries into benefits such as drug treatments, or improvements in the quality of life, is the job of Biochemical Engineers who can integrate science with processes in an affordable and sustainable way.

Why study Biochemical Engineering at UCL?

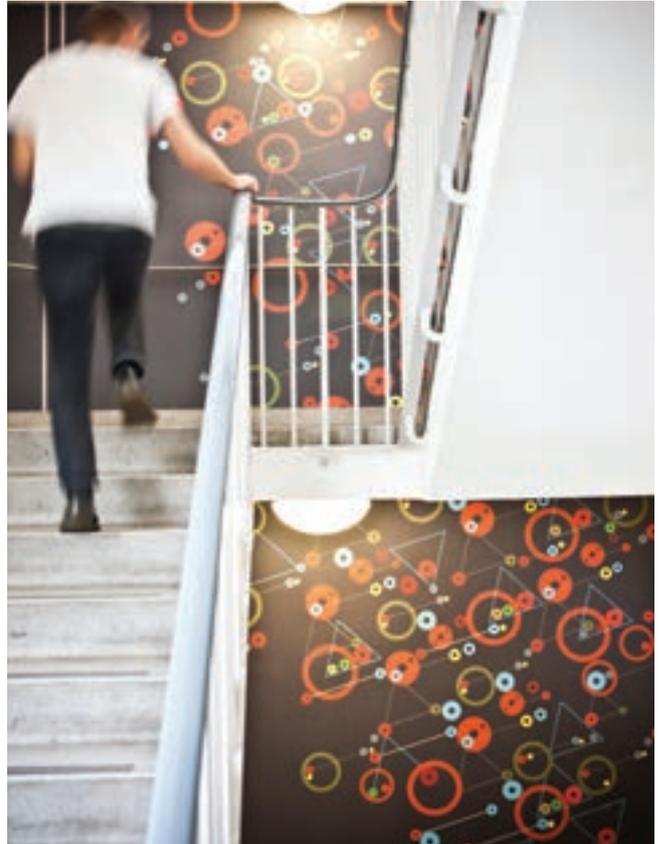
UCL was a founding laboratory in the discipline of biochemical engineering and has pioneered teaching of the subject. The department's Advanced Centre for Biochemical Engineering, a £30 million facility containing state-of-the-art fermentation and downstream processing equipment, facilitates world-class laboratory training on whole pilot-scale bioprocesses.

What will you gain from study at UCL?

Our rigorous but flexible programme allows you to take core elements in conjunction with optional courses in which you can focus on underpinning biological science training, an independent research project or process engineering. Our world-class research is used to extend and develop the taught courses.

Teaching and assessment

The programme provides a set of courses for one academic year with lectures, case studies and laboratory activities, each assessed through examination, coursework, or written project report. Admission for a single term/semester is not normally possible.



Level 1 courses

BENG101P

Introduction to Biochemical Engineering

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course gives an introduction to biochemical engineering and its significance to society, including social and ethical issues, and codes of practice.

BENG104P

Bioprocess Analysis

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course aims to provide the basic principles of bioprocess analysis and design.

Level 2 courses

BENG2007

Evaluation and Planning of Business Opportunities in Bioprocessing and Life Sciences

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course is designed to provide a structured approach to understanding the ways in which a discovery in bioprocessing and the life sciences is taken through to a real outcome.



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

Contact name

Martina Micheletti
EMAIL m.micheletti@ucl.ac.uk
TEL +44 (0)20 7679 3778

Availability

Year (Fall Term or Spring Term only in exceptional cases)

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Chemical Engineering, page 73
- Molecular Biosciences, page 98

Level 3 courses

BENG3008

Biochemical Reaction Engineering

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course provides students with the necessary knowledge of reaction engineering, reactor design and operation with special emphasis on biocatalytic processes.

BENG3009

Computer-aided Bioprocess Engineering

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides students with the fundamental knowledge necessary to acquire programming skills and numerical methods and with the ability to apply these to solve bioprocess problems.

Level 4 courses

BENGM001

Integrated Downstream Processing

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers the principles underlying the design and control of processes for recovery and purification of biological materials, and is particularly suited to students with a Chemical Engineering background who want to understand the issues of the bioprocessing industry.



BENGM002

Design and Control of Biochemical Reactors

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides students from a chemical engineering background with a detailed understanding of bioreactor design, scale-up and operation.

BENGM004

Cell Therapy Biology, Bioprocessing and Clinical Translation

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides students with the necessary knowledge to progress from existing small/ macromolecule bioprocessing into the realm of living cell-based therapies.

BENGM005

Bioprocess Research Project

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course aims to develop crucial research skills in whole bioprocessing. Students will select their preferred choice from a list of research projects closely related to the cutting edge research being carried out in the Advanced Centre for Biochemical Engineering.

BENGM010

Bioprocess Validation and Quality Control

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course addresses the challenge of the safe delivery to patients of biopharmaceuticals.

CHEMICAL ENGINEERING

UCL is a pioneer of the discipline of chemical engineering, having founded the first Chair in the subject in the UK, the Ramsay Memorial Chair in Chemical Engineering. We remain at the forefront, consistently achieving excellent research ratings in governmental assessments.

Why study Chemical Engineering at UCL?

Our academic staff are leaders in their fields. The research is grouped into three main areas: multiphase systems, chemical and catalytic reaction engineering and product and process systems engineering, with many specialised topics in these fields being the focus of teaching and research. The department hosts the Centre for CO₂ Technology.

What will you gain from study at UCL?

Our courses provide a flexible training to meet the future demands of the industry and are designed to make you highly employable in the process sector and beyond. You will also benefit from our collaborative links with industry and with other internationally renowned universities.

Teaching and assessment

Teaching methods vary, but include lectures, tutorials, laboratory sessions and problem classes. Assessment normally combines written examination and coursework; laboratory and project reports are also important depending on the nature of the course.

Please note: the courses listed here are subject to availability and may have been changed or replaced. Please enquire with the programme administrator for the latest information.

Level 1 courses

CENG101P

Introduction to Chemical Engineering

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to chemical engineering, covering many of the laws and processes which underpin the discipline.

CENG102P

Transport Processes I

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introductory course in transport processes, treating momentum, heat and mass transfer as a single unified subject.

CENG103P

Thermodynamics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers the main principles of classical thermodynamics.

CENG104P

Physical Chemistry

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers aspects of surface science and physical chemistry essential to chemical engineering.

CENG105P

Computational Modelling and Analysis

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides the core computational and modelling skills that underpin studies in chemical engineering with emphasis on the modelling and analysis of systems through integration of computation, modelling theory and engineering practice.

Level 2 courses

CENG2001

Experimentation

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on experiments in chemistry and chemical engineering.

CENG2002

Mass Transfer Operations

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course includes the study of: general methods of phase contacting for the purpose of mass transfer; mass transfer operations, including absorption, distillation, extraction; design of mass transfer equipment; process simulation.

CENG2003

Process Engineering

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course aims to give students a basic level of knowledge in process synthesis and in the design of safe and efficient process plants.

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

| |
|--|
| Contact name |
| Dr Vivek Dua EMAIL v.dua@ucl.ac.uk TEL +44 (0)20 7679 0002 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £20,700 For full explanation of tuition fees please see page 157. |

Related courses can be found in these departments:

- Biochemical Engineering, page 71
- Chemistry, page 101

CENG2005**Computer-Aided Process Engineering***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to develop the awareness and skills necessary for the use of computers in plant design and management.

CENG2006**Process Heat Transfer***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the fundamentals of heat transfer and their application to the design of heat transfer equipment.

CENG2007**Particulate Systems and Separation Processes***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the basic principles of particulate science and separation processes.

Level 3 courses**CENG3001****Process Dynamics and Control***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces dynamic processes and process control techniques.

CENG3003**Chemical Reaction Engineering***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course offers a basic understanding of the principles of reactor design.

CENG3005**Transport Processes III***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces advanced concepts of fluid transport processes.

CENG3006**Chemical Engineering Plant Design I***Availability*
Year*Credit Value*
12 (US) 22.5 (ECTS)

This course develops and tests students' ability to co-ordinate their knowledge and to apply it to the complete design of a process plant.

CENG3007**Advanced Material Processes and Product Engineering***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to give students an understanding of the processes involved in the production of novel materials.

Level 4 courses**CENGM001****Chemical Engineering Research Project***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course consists of an individual research project selected by the student working under the supervision of a member of academic staff.

CENGM002**Advanced Process Engineering***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an advanced understanding of the use of computers in process design, operation and management. Particular emphasis is placed on Process Synthesis.

CENGM006**Fluid-particle Systems***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces the fundamentals of gas-solid and liquid-solid systems, and includes the study of fluidised bed bubble dynamics, particle mixing and segregation, heat and mass transfer, fluidised bed chemical reactors and crystallisation.

CENGM008**Safety and Loss Prevention***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide students with advanced training in hazard identification, quantification and mitigation as well as risk management.

CENGM010**Energy Systems and Sustainability***Availability*
Year*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to conventional and alternative energy technologies, considering their role in a sustainable energy future.

CENGM013**Advanced Material Processes and Product Engineering***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will give students an understanding of processes involved in the production of novel materials. It will also provide students with a systematic approach to selection and design of new chemical products and its application to case studies taken from pharmaceutical, fine chemical and food industries.

CENGM01P**Process Systems Modelling and Design***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to develop modelling concepts and simulation skills to consider complex process design in the context of safety and sustainable process plant development.

CENGM02P**Molecular Thermodynamics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The aim of this course is to describe what statistical thermodynamics is, and to emphasize how chemical engineers can use it to advance practical applications.

CIVIL, ENVIRONMENTAL AND GEOMATIC ENGINEERING

For over 150 years UCL has been at the forefront of Civil, Environmental and Geomatic Engineering, contributing to a discipline which improves quality of life and shapes the world through the design of buildings, bridges, flood and coastal protection, transport systems, and water/wastewater infrastructure.

Why study Civil, Environmental and Geomatic Engineering at UCL?

Courses are based around a series of one-week team projects addressing realistic engineering scenarios placed in their national and international contexts. These are underpinned by lectures and laboratory classes in the core disciplines of Structures, Soils, Materials, Fluids, Chemistry and Biology, and in enabling topics such as Systems Engineering, Design and Project Management.

What will you gain from study at UCL?

You will have the chance to specialise in a range of core and advanced topics such as Transport Studies, Water and Wastewater Treatment, Seismic Risk Assessment and Coastal Engineering, to take part in multi-disciplinary real-life projects working in teams, and to undertake an individual research project of your choice.

Teaching and assessment

Teaching is by lectures, laboratory classes, tutorials, seminars and field trips, with one-week projects every five weeks for students on Level 2 courses. Assessment is by examination or coursework, and alternative assessment is available for students only at UCL for one term.

Level 2 courses

CEGE2007

Civil Engineering II

Availability
Year

Credit Value
32 (US) (full year) 60 (ECTS)
(full year)

This course covers structural mechanics, soils, fluids, materials, mathematics, systems, and design at Level 2, and introduces students to geology, statistics, economics, land surveying and computer programming.

CEGE2009W

Civil Engineering Studies: Fluids, Soils and Structures

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course is based on lectures from Civil Engineering II (CEGE2007), and covers fluids, soils and structures theory aimed at Level 2 students.

CEGE2010

Civil Engineering Methods II

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course covers geology, mathematics, design, systems engineering, and laboratory classes for fluids, materials, soils and structures at Level 2.

CEGE2011

Civil Engineering Mechanisms II

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course covers structures, materials, soils, fluids, geoinformatics and environmental engineering appropriate for civil engineers at Level 2.

CEGE2012W

Civil Engineering Studies: Fluids, Soils and Structures B

Availability
Year

Credit Value
12 (US) 22.5 (ECTS)

This course covers fluids, soils and structures mechanisms for affiliate students.

CEGE2014W

Environmental Science and Pollution

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course introduces basic concepts of hydrology, water quality, environmental pollution, waste management and remediation of contaminated land. Laboratory classes reinforce theoretical concepts and provide practical work experience.

CEGE2015W

Environmental Engineering Design

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces basic principles of GIS, digital elevation terrains (DEM), triangularised irregular networks, and ArcGIS.

Level 3 courses

CEGE3002

Transport Studies

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces transport as an area of professional endeavour for engineers in co-operation with other disciplines and the community in which transport systems function.

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

| |
|--|
| Contact name |
| Dr Liora Malki-Epshtein EMAIL l.malki-epshtein@ucl.ac.uk TEL +44 (0)20 7679 2081 |
| Dr Andy Chow EMAIL andy.chow@ucl.ac.uk TEL +44 (0)20 7679 2315 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £20,700 For full explanation of tuition fees please see page 157. |

Related courses can be found in these departments:

- Planning, page 65
- Project Management for Construction, page 68
- Geography, page 145

CEGE3005**Civil Engineering Materials***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides a detailed consideration of materials science and engineering.

CEGE3010**Financial Aspects of Project Engineering and Contracting***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course deals with the financial aspects of contracting companies as a whole, as well as those of individual projects.

CEGE3015**Coastal Engineering***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course introduces students to coastal engineering.

CEGE3019**Advanced Soil Mechanics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course reinforces knowledge in fundamental soil mechanics theory.

CEGE3020**Water and Wastewater Treatment***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides a general introduction to water and wastewater treatment, fluid-particle systems, particle transport, drag, sedimentation, and flow through porous media.

CEGE3021**Fluids and Engineering Analysis***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to concepts of advanced fluid mechanics and mathematical methods.

CEGE3022**Structural Mechanics III***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will introduce advanced techniques – such as the use of energy considerations – to determine the loading in indeterminate structures.

Level 4 courses**CEGEM011****Systems, Society and Sustainability***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course outlines the challenges of sustainability, introduces some theories which can help think through these challenges more clearly, and applies them to the case of urban water systems.

CEGEM017**Roads and Underground Infrastructure: Design, Construction and Maintenance***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims to provide a holistic and systematic approach to the design of roads and underground infrastructure structures, with a clear practical application.

CEGEM020**Seismic Design of Structures***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course provides knowledge of the concepts behind seismic design.

CEGEM022**Seismic Risk Assessment***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course addresses a broad range of issues in relation to seismic risk to buildings and geotechnical structures.

CEGEM030**Natural and Environmental Disasters***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course broadly introduces natural and environmental disasters that engineers might encounter in their careers.

CEGEM068**Finite Element Modelling and Numerical Analysis***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces the fundamentals of finite-element (FE) modelling and its limitations in engineering applications.

CEGEM070**Urban Flooding and Drainage***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces students to engineering techniques used for managing surface water in urban environments.

CEGEM071**Structural Dynamics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course covers the fundamentals of dynamic behaviour of structures.

CEGEM080**Data Analysis***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course covers statistical principles and techniques for analysing data, with an increasing level of complexity and sophistication as it progresses.

CEGEM082**GIS Principles and Technology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an overview and introduction to the principles and techniques used in the analysis of spatial (geographic) data in order to find solutions to various geographical problems.

CEGEM090**Advanced Structural Analysis***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course takes as its premise that students have a firm foundation in structural mechanics. This course will cover a range of advanced and contemporary topics, chosen to deepen students' understanding of structural mechanics and also to expose students to recent developments aligned to lecturers' research interests.

COMPUTER SCIENCE

Technology continues to advance and its effects are ever more present in our everyday lives. As a result, there is an increasing demand for skilled people trained in computer science and related disciplines, who can apply their knowledge and experience to the technological challenges of the future.

Why study Computer Science at UCL?

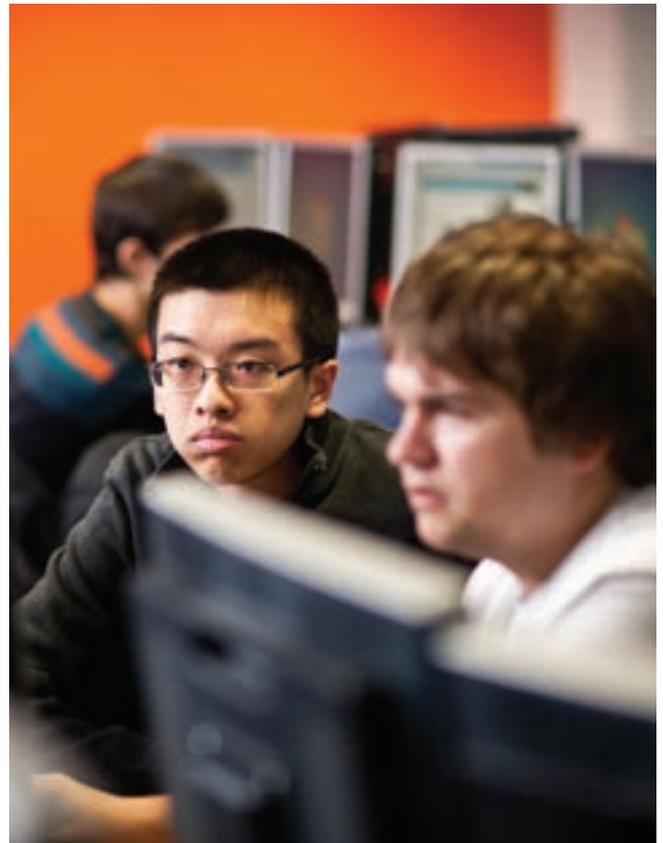
Computer Science at UCL has an excellent record of high-quality research and teaching. We have contributed significantly to the research that has brought the internet to its current state, and continue to make and teach about innovations in distributed computing and multimedia. Our other strengths lie in intelligent systems, software engineering, virtual environments, computer vision and image processing.

What will you gain from study at UCL?

As a student here you will be able to benefit from our expertise, and our extensive computing facilities all housed in new purpose-built accommodation. Our teaching offers you opportunities to specialise and extend your skills and knowledge: a combination that will make you very employable.

Teaching and assessment

Most courses are assessed by coursework and a written examination. You are strongly advised to follow links from the website above to consult our online information for affiliate students.



Please note: Level 4 Computer Science courses may be available to suitably qualified students on consultation with the Affiliate Tutor (contact details are on this page).

Level 1 courses

COMP102P

Theory 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces formal methods for reasoning about algorithms and, more generally, formalises the reasoning process.

COMP104P

Theory 2

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course develops students' programming and problem solving skills, and encourages a thoughtful approach to analysis and design problems.

Level 2 courses

COMP2003

Mathematics and Statistics

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide a grounding in mathematics and statistics most relevant for a Computer Science undergraduate degree.



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

Contact name

Dr Jens Krinke
EMAIL j.krinke@cs.ucl.ac.uk
TEL +44 (0)20 7679 7754

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Electronic and Electrical Engineering, page 80

COMP2007**Networking and Concurrency***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This is a practical course, grounded in a theoretical understanding of concurrency and computer networking.

COMP2008**Logic and Database Theory***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is designed to teach students about logical and mathematical inference and database theory, the latter having an emphasis on the fundamentals of relational database systems and SQL.

COMP2009**Software Engineering and Human Computer Interaction***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims at introducing the basics of software engineering, including requirements specification, analysis and design. It will give you the knowledge needed to be able to analyse and architect larger systems effectively.

COMP2010**Compilers***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This is a practical course whose primary goal is to develop an understanding of the operation of compilers and the development and specification of computer-based languages.

**COMP6010****Computer Music***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course covers a range of topics from sound creation and synthesis, music representation, algorithmic composition, computational musicology, and music information retrieval. In the process, students are exposed to contemporary music programming languages and approaches.

Level 3 courses**COMP3001****Technology Management and Professional Issues***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an understanding of the issues relating to the management of computer technology systems and organisations, and the key management skills required in their effective utilisation and operation.

COMP3004**Computational Complexity***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course addresses the theoretical and practical limitations of computation and provides a theoretical framework for modelling computation.

COMP3005**Operating Systems***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A practical course whose primary goal is to develop an understanding of operating systems, building on and showing the utility of basic material covered in previous courses, including data structures and algorithms, concurrency, and networks.

COMP3011**Functional Programming***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces the functional programming paradigm and the implementation technology for functional programming languages.

COMP3012**Interaction Design***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is built on in-depth studies in the design of users' interactions with software-based systems, with an orientation towards the development of practical interaction design skills and an appreciation of emerging interactive technologies.

COMP3013**Database and Information Management Systems***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course covers advanced data modelling and database development methodology, the techniques exploited by relational database technologies relating in particular to query processing and transaction management, and post relational database technologies including object oriented and web databases.

COMP3035**Networked Systems***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course aims to provide a theoretical background and practical understanding of the techniques and technologies that are used to build data communications networks and the applications which use them.

COMP3058**Artificial Intelligence and Neural Computing***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course introduces artificial intelligence and neural computing both as technical subjects and as fields of intellectual activity.

COMP3072**Image Processing***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course aims to provide an understanding of how digital images are represented, manipulated, encoded and processed, with emphasis on algorithm design, implementation and performance evaluation.

COMP3080**Computer Graphics***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course offers an introduction to the fundamental concepts of 3D computer graphics and provides all the knowledge needed for creating an image of a virtual world from first principles.

COMP3085**Computational Photography and Capture***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

An introduction to the relatively new field of computational photography, which enhances or extends digital image formation using computational methods, and presents ways to acquire digital models of the real world.

STUDENT VIEW**Alberto Dudech****Politecnico di Milano, Italy**

I'm studying Information Technology Engineering in my home country, thus Computer Science seemed like the most logical choice. What I like about the department is the wide range of facilities (computers, robots, Reuters Lab) that they offer to the students, as well as the practical approach that they try to give to each lesson. Most courses involve some work in the labs, because you can see your theoretical study applied in a real case scenario straight away, as well as preparing us for a possible career. Moreover, the variety of topics and technologies covered in the lectures is simply overwhelming. I really like the fact that a lot of courses are taught by different lecturers over the term, as well as by specialists invited to the class to discuss their area of expertise.

**COMP6006****Financial Computing***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course aims to provide an in-depth understanding of financial services and significant computing and statistical skills for students considering careers in investment banking (such as analysts, traders, and to a lesser extent, IT specialists).

COMP7002**Business Analytics***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course provides students with a foundation in quantitative analytics applied to retail, finance, transportation and services for students who are interested in careers in business analytics. Students will learn the SAS Analytics tools and the course will be part taught by industry speakers.

COMP7008**Entrepreneurship: Theory and Practice***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course provides students with the theory and practice necessary to launch a new business, making maximum use of the eCommerce strategies and software tools for entrepreneurs.

ELECTRONIC AND ELECTRICAL ENGINEERING

UCL Electronic & Electrical Engineering pioneered the development of modern electronics, following the construction, in 1889, of the thermionic valve by the first head of department, Professor Ambrose Fleming. Current research activities centre upon communications and information systems; electronic materials and devices; sensors, systems and circuits; photonics; and optical networks.

Why study Electronic and Electrical Engineering at UCL?

The department has been a leader in its education and research field for over a century. Consequently, we can offer you the wide choice and intellectual stimulation that comes from world-class research activity.

What will you gain from study at UCL?

Our approach to the teaching of electronics focuses on the rigorous study of the fundamentals of the subject, balanced with effective practical application and communication, developing skills which are highly valued by employers within the engineering industries and beyond.

Teaching and assessment

Teaching is carried out by a mixture of lectures, laboratory classes and tutorials. Assessment may be by examination, coursework and assessed practicals and tests.

The course material for years 1 and 2 of the undergraduate programme has been undergoing significant restructuring. At the time of going to print we anticipate that neither Level 1 nor Level 2 courses will be available to affiliate students. However, some Level 1 and 2 courses may become available as the programme definition is finalised, and we suggest you refer to the departmental website at the time you make your application.

Level 3 courses

ELEC3002

Power Electronics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Identifies the major classes of active devices deployed in power electronics systems. Shows how the active device limits the performance of all power electronic systems, and how the device performance specification is controlled by the material, design and construction.

ELEC3003

Control Systems I

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides rigorous analysis of control systems, and studies the design of controllers and the industrial implementation of control algorithms. Nonlinearities in control systems are considered, to enable students to deal with real-life applications.

ELEC3005

Digital Signal Processing

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on the physical principles of modern radar and communications systems and the signal processing techniques required for a range of applications.

ELEC3006

Optoelectronics II

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an analysis of key components of opto-electronic systems and complete opto-electronic systems, and prepares students for design work in opto-electronics and optical communications.

ELEC3016

Electronic Circuits III

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an advanced understanding of the principles of operation of electronic circuits and their basic design procedures, with particular reference to analogue CMOS circuits and high speed techniques.

ELEC3027

Advanced Digital Design

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the basics of logic design, hardware description languages (HDL) and logic synthesis tools, which helps develop the technical skills to design, simulate, analyse and verify complex digital circuits.

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

Contact name

Professor Polina Bayvel
EMAIL p.bayvel@ucl.ac.uk
TEL +44 (0)20 7679 7921

Availability

Year, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Computer Science, page 77
- Physics and Astronomy, page 110

Additional note for applicants

Our undergraduate programme is undergoing major development in preparation for the launch of the Integrated Engineering Programme in September 2014. Further information about this new programme can be found at:

www.engineering.ucl.ac.uk/undergraduate-study/iep/



ELEC3029**Electronic Devices and Nanotechnology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers further study of electronic device materials, advanced technology and advanced devices, and emerging technologies such as Ge-Si as a device material; molecular electronics, wide band gap semiconductors; microsensors and smart sensors.

ELEC3030**Numerical Methods***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course considers a range of numerical methods used in the analysis of engineering systems, and provides knowledge of the numerical and computational techniques used in solving common engineering problems.

ELEC3915**Renewable Energy***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to and overview of existing energy sources and means of generation, which considers emerging new energy technologies and how they may be used to make an increasing contribution in the future.

**Level 4 courses****ELECM001****Antennas and Propagation***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers a grounding in antenna and array designs, methods used for their measurement and the principles of radiowave propagation. The material is developed from fundamental principles and illustrated with practical examples of working antenna and array systems.

ELECM004**Radar Systems***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is aimed at graduate-level engineers with a background in electronic engineering or physics. The emphasis is on physical principles, and on modern radar systems and signal processing techniques, for both civilian and defence applications.

ELECM006**Optical Transmission and Networks***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an understanding of optical transmission systems, including causes of signal impairment in transmission and in techniques to reduce signal distortion.

ELECM007**RF Circuits and Sub-Systems***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides students with an understanding of RF devices, circuits and system architectures, including RF device construction and their properties.

ELECM009**Satellite Communications***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers all the fundamentals of satellite communication systems prior to a study of satellite channels characteristics.

ELECM26**Advanced Photonic Devices***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course features several key advanced devices used in all areas of photonics such as high bit rate fibre, security imaging, waveguide and free space digital communications.

MANAGEMENT SCIENCE AND INNOVATION

UCL Management Science & Innovation offers a research and education programme with a focus on technology management, innovation, creation/growth of technology-intensive organisations, operations research and entrepreneurship, as well as courses on other management and business topics.

Why study Management Science and Innovation at UCL?

UCL's location in the heart of London provides easy access to the financial and other businesses of the City of London. Many of our students go on to take up positions in globally known firms which have their base in London. Our central location also allows you to attend lectures provided by guest speakers from diverse industries and professions.

What will you gain from study at UCL?

Studying with us will give you a unique experience in one of the world's business capitals. Courses provided by award-winning lecturers and an exposure to an international educational environment provide the knowledge and tools you need to excel in, and lead, the industries of the future.

Teaching and assessment

Most courses consist of weekly lectures and seminars in which students are encouraged to participate in class discussions and other activities. Assessment typically involves one or two essays and/or group work and a written end-of-year examination; all students must be available to take examinations in April/May.



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

Contact name

Dr Sarah Warnes
EMAIL s.warnes@ucl.ac.uk
TEL +44 (0)20 3108 1017

Availability

Year, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Level 1 courses

MSIN1002

Communication and Behaviour in Organisations

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Investigates the contribution of the behavioural sciences to our understanding of how organisations function, emphasising how an understanding of individual and group behaviour can improve both the quality of working life and the effectiveness of organisations.

MSIN6001

Understanding Management

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the core principles and models of management theory. Topics covered include organisational behaviour, strategic management, human resource management and management across cultures. May be taken in the Fall Term (MSIN6001A) or the Spring Term (MSIN6001B).

MSIN6004

Accounting for Business

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A broad introduction to the need for external and internal accounting systems, the principles explicit and implicit within such systems, and the strengths and weaknesses in such systems. May be taken in the Fall Term (MSIN6004 or MSIN6004A) or in the Spring Term (MSIN1004).

Level 2 courses

MSIN7002B

Business in a Competitive Environment

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course looks at the economic, technical, social and other environments that businesses and other entities operate in.

MSIN7003

Organisational Change

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Change is a constant theme of business. This course looks at ways of diagnosing the type of change an organisation needs to undergo, and how to influence the direction of change as one goes along.

MSIN7004

E-Business Environment and Management

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to introduce the aspects of e-Business that present new opportunities for business development and to exemplify e-Business through illustrative case studies.

MSIN7005

Law for Managers

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is an introductory law course aimed specifically at non-lawyers with an interest in management and business.

MSIN7014**Strategic Human Resource Management***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the nature and content of strategic and operational human resource management (HRM).

MSIN7016**Managerial Accounting for Decision Making***Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an understanding of key issues and applied methodologies relating to management accounting frameworks utilised by organisations. May be taken in the Fall Term (MSIN7016A) or in the Spring Term (MSIN7016)

MSIN7017**Global Entrepreneurship***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to the role of entrepreneurial individuals and organisations in shaping market economies, the global economy and the direction and rate of social change.

MSIN7018**Global Marketing Strategy***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the specific issues involved in developing a marketing strategy and in conducting marketing operations on an international, rather than domestic, scale.

Level 3 courses**MSIN3002****Marketing Communications***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Offers an insight into why and how organisations use marketing communications, and the key theories and concepts underpinning the way in which organisations communicate.

MSIN3004**Mergers and Valuation***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Examines the key issues and applied methodologies relating to the valuation of companies, both on a standalone basis and in the context of mergers and acquisitions (M&A) practice.

MSIN3006**Digital Marketing***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the tools and techniques of digital marketing through a wide range of activities including lectures, seminars, readings, group work and practical projects.

MSIN3101**Project, Programme and Portfolio Management***Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to introduce the basic principles of project, programme and portfolio management, and some key tools and techniques to initiate, plan and manage projects and programmes in particular.

STUDENT VIEW**Kritana Punwatanawit****University of Washington, USA**

I chose UCL as it has a great reputation and the Management Science & Innovation (MSI) Departments' lectures matched with my interests. I have now finished my term and I can tell that UCL totally deserves its reputation. Studying at UCL was one of the best opportunities I have had in my life. MSI offers high standards of teaching with great lectures and they are always ready to help students and give them valuable advice for their study choices and future careers. The Department and International Office staff are also very supportive. Meetings are organised on a regular basis so that affiliate students never feel lost.

Studying at UCL allowed me to develop new skills and knowledge about technology management and made me aware of what is at stake in integrating IT management into key business decisions. London is one the busiest cities in the world with great opportunities for graduates. It also a really pleasant city to live in with a lot of places to visit. I have but one regret that the programme only lasted six months.

**MSIN7007****Mastering Entrepreneurship***Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is aimed at students who are considering forming their own business or who envisage having a role promoting new initiatives within existing organisations. May be taken over the Fall Term (MSIN7007A) or the Spring Term (MSIN7007B).

MSIN7013**Innovation Management***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims to equip students with an understanding of the main issues in innovation management, an awareness of the key features of success, and an appreciation of the relevant skills needed to manage innovation.

MSIN7011**International Business***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides a basic understanding of the key issues in international business, the factors influencing international investment, the nature of the multinational enterprise, and the diversity of national cultures.

MECHANICAL ENGINEERING

The department is known for its informal style of teaching. We aim to take students of a high standard and equip them with skills of analysis and design such that they can be employed as professional engineers in virtually any sector of the mechanical engineering industry.

Why study Mechanical Engineering at UCL?

The first professor of engineering in the UK was appointed at UCL in 1827 with the Department of Mechanical Engineering being the first to be established in England in 1847. Since this time the department has made many contributions to engineering science, continuing to this day through diverse collaborations with industry and research establishments.

What will you gain from study at UCL?

The expertise and range of courses on offer is very diverse, with major themes in mechanical engineering, naval architecture, marine engineering, engineering with business finance and bioengineering. With an international reputation for research you can be certain our courses are relevant to current and future needs.

Teaching and assessment

Most courses consist of a lecture and tutorial each week, in the first and second terms, as well as two or three laboratory practicals scheduled throughout the year. A three-hour written examination is scheduled in the third term. Alternative assessment is offered for semester-only students.



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

Contact name

Dr Adam Wojcik
EMAIL
ugadmissions@meng.ucl.ac.uk
TEL +44 (0)20 7679 7178

Availability

Year, Fall Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 153.

Please note: the courses listed here are subject to availability and may have been changed or replaced. Please enquire with the programme administrator for the latest information.

Level 1 courses

MECH1001

Mechanics of Fluids

Availability
Year, Fall Term

Credit Value
2/4 (US) 3.75/7.5 (ECTS)

This course covers the basic equations of motion for fluid flow and applies them to flows in pipes and channels, and past bodies immersed in flowing fluids.

MECH1002

Thermodynamics

Availability
Year, Fall Term

Credit Value
2/4 (US) 3.75/7.5 (ECTS)

This course deals with fundamental theories governing engine, heat pump and refrigerator behaviour.

MECH1003

Engineering Drawing

Availability
Fall Term

Credit Value
2 (US) 3.75 (ECTS)

This course will develop students' skills in producing engineering drawings, by hand and using CAD software, and teaches them about basic components such as bearings and screws.

MECH1004

Computing

Availability
Year, Fall Term

Credit Value
2/4 (US) 3.75/7.5 (ECTS)

An introduction to the principles of computing and the nature of different types of software and computer languages used in engineering.

MECH1005

Engineering Design

Availability
Spring Term

Credit Value
2 (US) 3.75 (ECTS)

This course deals with the philosophy and processes of designing engineering components and systems from concept to realisation.

MECH1006

Materials and Mechanics of Deformable Bodies

Availability
Year, Fall Term

Credit Value
2/4 (US) 3.75/7.5 (ECTS)

This course offers an introduction to materials science and also covers engineering mechanics as applied to materials.

MECH1007

Applied Electricity

Availability
Year, Fall Term

Credit Value
2/4 (US) 3.75/7.5 (ECTS)

This course covers basic electric circuit theory, power distribution, motors and initial discussion of instruments and transducers. Previous exposure to some of these topics is desirable.

MECH1008**Applied Mechanics***Availability*

Year, Fall Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

This course continues the topics of statics and dynamics that students should already be familiar with, dealing with more realistic examples rather than idealised systems.

MECH1010**Modelling and Analysis in Engineering I***Availability*

Year, Fall Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

This course teaches the basic mathematical tools required for engineering. Applications for each of the topics covered are discussed fully, rather than the traditional approach of addressing the topics as abstract mathematics.

Level 2 courses**MECH2002****Applied Electricity and Instrumentation***Availability*

Year

Credit Value

4 (US) 7.5 (ECTS)

This course addresses aspects of instrumentation in mechanical engineering. Prerequisite: a pass in Applied Electricity (MECH1007) or similar experience.

MECH2003**Engineering Design***Availability*

Year

Credit Value

4 (US) 7.5 (ECTS)

This course concentrates on design methods applied to systems. Teaching includes how to choose the best combination of components to form an engineering system.

**MECH2004****Mechanics of Fluids and Thermodynamics***Availability*

Year

Credit Value

4 (US) 7.5 (ECTS)

This course builds on the knowledge gained from the introductory courses: Mechanics of Fluids (MECH1001) and Thermodynamics (MECH1002); passes in these courses or similar experience are prerequisites.

MECH2005**Stress Analysis***Availability*

Year

Credit Value

4 (US) 7.5 (ECTS)

This course builds on the knowledge gained from the statics component of Applied Mechanics (MECH1008) and that within MECH1006; a pass in the former course or similar experience is a prerequisite.

MECH2006**Dynamics and Control***Availability*

Year

Credit Value

4 (US) 7.5 (ECTS)

This course builds on the dynamics covered in Applied Mechanics (MECH1008) and offers an introduction to control theory. A pass in MECH1008 or similar experience is a prerequisite.

MECH2011**Materials and Design Studies***Availability*

Year

Credit Value

4 (US) 7.5 (ECTS)

This is an intermediate-level course in materials science, failure of materials and how these relate to design. It is possible to take this course simultaneously with the introductory-level course (MECH1006) if required.

LAWS



I choose to study abroad to continue studying English law at a higher level than at my university back home, and to improve my English. I really appreciated the structure of the classes and all the different people from different countries that I have met. Moreover, thanks to this programme, I continue to study Common Law and I now have a BA in English Law. It will definitely help me to enter a big French law firm with international clients.

The Study Abroad experience at UCL has been really rewarding. It helped me to improve my English, discover another way of thinking in my field, meet new people from different countries and different cultures. I would definitely recommend UCL to others and I'm thinking about eventually coming back for an LLM in Law to then pass the bar examination in London.



Pauline Pelle
Université Paris II
Panthéon-Assas, France

LAW

The Faculty of Laws is a vibrant and cosmopolitan community providing a wealth of opportunities for students to develop their interests and talents. Our London base contributes positively to a rich student experience and complements the significant international elements in all our programmes.

Why study Law at UCL?

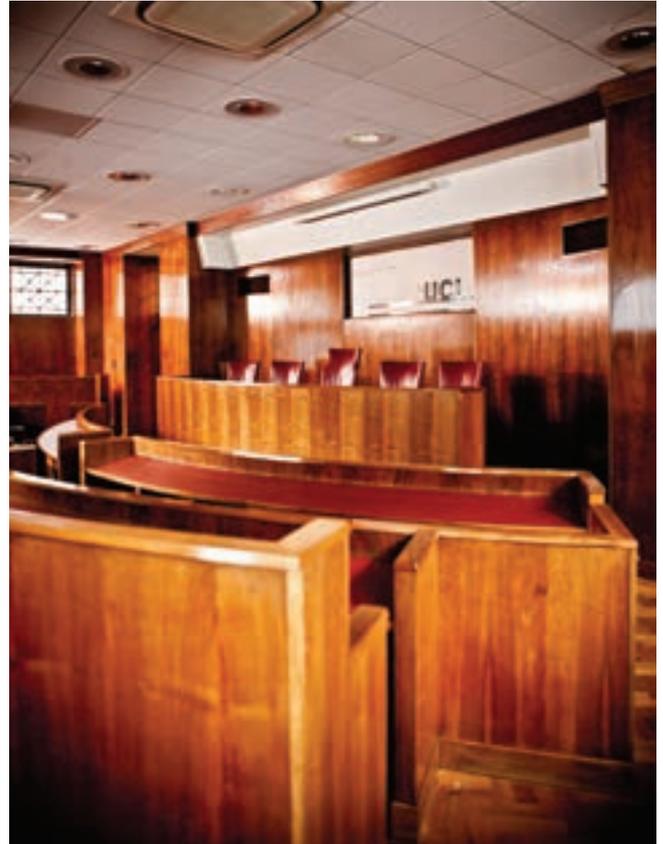
UCL is in the very top rank in the world of law schools. Our students are taught by distinguished academics: cutting-edge researchers in their diverse fields. There are frequent visits from leading judges and lawyers. Laws at UCL has its own building, Bentham House, with easy access to the British Museum, British Library and London's other academic resources.

What will you gain from study at UCL?

You will be encouraged to develop a critical awareness of how the law works and how it may be changed, to sharpen your powers of reasoning, and develop a technical expertise. Emphasis is placed on small-group teaching where you will benefit from individual attention and advice.

Teaching and assessment

You will be taught through a combination of lectures, seminars and tutorials. Most courses are assessed by either unseen examination or assessed essays; or a combination of both. The majority of our affiliate places are taken by students from institutions with which we have reciprocal arrangements.



Level 1 courses

LAWS1001

Contract

Availability
Year

Credit Value
8 (US) 15 (ECTS)

The objectives of this course are for students to have an informed, liberal understanding of the principal rules of Contract Law.

LAWS1002

Property I

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course covers both real property (i.e. interests in land) and personal property, and also includes the basic principles usually taught in Trusts and Equity courses.

LAWS1011

Public Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

An introduction to public law, covering UK Constitutional Law, administrative law, the common law protection of civil liberties in the UK and British membership of the European Union.

LAWS1012

Criminal Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course offers a study of how we define a criminal offence, and the legal proceedings relating to it.

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

Contact name

Kerry Newlyn
EMAIL k.newlyn@ucl.ac.uk
TEL +44 (0)20 7679 8547

Availability

Year

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Political Science and International Relations, page 154

Level 2 courses

LAWS2004

Jurisprudence and Legal Theory

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course addresses the science or philosophy of law, examining the abstract legal concepts which underpin legal practice.

LAWS2007

Tort Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course provides a detailed knowledge of the key elements of English tort law (the law of civil wrongs), as well as a comparative perspective where appropriate.

LAWS2009

European Union Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course will examine institutional and substantive aspects of EU law. This will include analysis of the administrative law of the EU, and EU internal market law relating to the free movement of goods, services and people. The course will conclude by examining the human rights law of the EU, including in relation to the now binding Charter of Fundamental Human Rights.

Level 3 courses

LAWS3002

Employment Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course considers the law governing the employment relationship. Students will learn about the legal regulation of working life, and will be encouraged to analyse the wider significance of employment law in reflecting and in shaping society.

LAWS3004

History of English Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course focuses on the Institutions of English Law, the history of Land Law and the history of Contract and Tort.

LAWS3005

Intellectual Property Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

Intellectual property is the study of property in intangibles, which may sound abstract, but involves issues which are of vital importance to businesses and consumers.

LAWS3007

Company Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

Company law is a varied and fast-moving field, built on legislative foundations, but bringing together concepts from contract, tort, property and public law. This course examines the legal structures within which the controlling organs of the company relate to each other.

STUDENT VIEW

Andreas Klaus

Ludwig-Maximilians-Universität München, Germany



I chose UCL because it is an international university which is highly ranked and renowned, with a good student mix and a strong history as the first university in the UK to admit all students regardless of race, religion or gender. I mostly enjoyed tutorials, networking and Student Union activities during my time at UCL. I think the Study Abroad experience at UCL helped me improve my English skills and gave me an intercultural experience. The language course here at UCL was probably one of the experiences that will enhance my CV the most because I can continue studying French in Munich. I will benefit from this throughout my whole life.



LAWS3010

Family Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

Family law is concerned with the laws governing family relationships, with the problems that families encounter and the legal solutions to these problems. In this course, we study the problems, the legal solutions and evaluate and explain the responses.

LAWS3012

Environmental Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

Environmental protection poses unique challenges to the law. This course critically assesses the role that law has to play in regulating and protecting the environment by examining a range of contemporary environmental issues including biodiversity, climate change and renewable energy.

LAWS3013

Law and Ethics

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course will offer an introduction to key concepts of moral and political/social theory (e.g. consequentialism and deontology, relativism and tolerance, liberty, authority, responsibility) and consider their application to legal practice, organised around four broad sets of questions.

LAWS3014

Public International Law

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course covers the fundamentals of general international law.

LAWS3016**Health Care Law***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

The course introduces students to some of the key principles that the law uses in its encounters with medicine and enables them to explore the strengths and weaknesses of legal regulation in this area.

LAWS3029**Civil Liberties and Human Rights in The United Kingdom***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

By the end of the course, the students should be familiar with and able to apply the relevant provisions of domestic law, EC/EU law and the Charter of Rights, the Human Rights Act and the ECHR to practical problems concerning a substantial range of the rights and liberties of British citizens.

LAWS3035**Corporate Insolvency***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

The aims of this course are to enable students to identify the economic and legal issues that precipitate corporate insolvency; to understand the law's response to this crisis and to assess the efficacy of this response.

**LAWS3036****Roman Law***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This basic Roman law course introduces the full range of legal practices and concepts developed by the lawyers of ancient Rome. It offers a unique blend of comparative law, detailed scholarship, legal history and practical legal insights.

LAWS3039**Alternative Dispute Resolution***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

An introduction to the theory and practice of alternative dispute resolution within the context of an understanding of traditional court-based systems of redress for civil and family disputes.

LAWS3040**Conflict of Laws***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course examines the area of law known as the conflict of laws or private international law.

LAWS3042**Criminology***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

The course critically examines some of the major theories that have been advanced to explain crime and criminality within their historical context and considers their relevance within contemporary society. These theories emanate from a variety of disciplines – biology, psychology, sociology, anthropology and philosophy, though no prior knowledge of these subjects is required for the course.

LAWS3044**Unjust Enrichment***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course considers the fundamental questions relating to the structure and substance of claims in unjust enrichment.

LAWS3045**Lawyers: Practice and Ethics***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course critically assesses the role of lawyers in society. It does so by examining the social, ethical, and economic forces governing lawyers' work.

LIFE SCIENCES



UCL is very much at the forefront in many areas of molecular biology and neurobiology, and many of my lectures, therefore, included findings that are years away from being featured in any textbook. I chose molecular biosciences so that I could continue to receive credit towards my home degree in biology. I was happy to find that I could easily settle right in to the lecture style, and handle the material, even the Level 3 courses. Additionally, I was excited to find that my lectures were often at the cutting edge of current research.

Studying abroad at UCL may open some doors in the UK, should I choose to study or work here later. My time in London helped to teach me how to better live on my own, and to manage more free time than I was previously used to.



Rogan Grant
Haverford College
Pennsylvania, USA

BIOLOGICAL SCIENCES

Dramatic and exciting developments in Biology over recent years have led to an increasing and varied range of options at UCL. UCL's Galton Laboratory was the first department of human genetics in the world, and this pioneering approach continues in our research and teaching today.

Why study Biological Sciences at UCL?

At UCL you will be taught Biology by active researchers within a supportive environment. The Grant Museum of Zoology is an excellent teaching resource and field courses offer you the opportunity to explore the European wildlife. Our London location also allows you to visit world-famous institutions, such as Kew Gardens, London Zoo, the Natural History Museum and the Science Museum.

What will you gain from study at UCL?

Studying Biological Sciences at UCL offers you the excitement of examining life processes at all levels. Our courses span the study of cells and organisms, human and animal genes and entire ecosystems. In addition to gaining theoretical understanding, you will be able to explore these subjects further in the laboratory, the field or through bioinformatic analysis.

Teaching and assessment

Since students admitted to this programme for the Fall Term only are unable to sit the end-of-year examinations in the Summer Term, they will be assessed by alternative examination in December.



Level 1 courses

BIOL1002

Quantitative Biology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is designed to develop and/or enhance skills in experimental design, data collection and processing in a context appropriate for biological sciences. The course will be illustrated with a range of biological examples.

BIOL1005

Introduction to Genetics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to the genetics of a variety of organisms from peas to humans. Topics include Mendelism, linkage, genetic ratios, linkage maps, chromosomes, mitochondrial inheritance, mutation, quantitative genetics, family structure, evolutionary genetics and natural selection.

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

Contact name

Dr Nick Lane
EMAIL nick.lane@ucl.ac.uk
TEL +44 (0)20 7679 1385

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Biomedical Sciences and Neuroscience, page 94
- Molecular Biosciences, page 98

BIOL1006**Life on Earth***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to the diversity of life, evolution and development of body form in a wide variety of organisms.

Level 2 courses**BIOL2002****Field Course in Environmental Biology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide training in field sampling methods from an array of viewpoints in environmental biology, and offers an introduction to studying the effects of the environment on aquatic and terrestrial animals and plants.

BIOL2004**Fundamentals of Molecular Biology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to molecular biology and its use in research, biotechnology and medicine, aiming to give a broad understanding of the principles and applications of modern techniques.

BIOL2005**Genetic Systems***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide a detailed introduction to the major plant, animal and fungal models used to study eukaryotic genetics.

BIOL2006**Introduction to Human Genetics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces the subject of human genetics, to enable students to appreciate the implications of genetic research for society and also to provide a basis for more advanced studies.

BIOL2007**Evolutionary Genetics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course deals with the forces which control evolution, covering the ecological and genetic core of evolutionary biology using prokaryote, animal and plant examples.

BIOL2009**Animal Biodiversity***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The animal kingdom (Metazoa) is a vast grouping that encompasses organisms as diverse as corals, worms and whales. This course focuses on animal systematics and biology.

BIOL2010**The Biology of Development***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to the modern science of development covering a variety of organisms and discussing evolutionary, cellular and genetic bases of animal development.

BIOL2012**Fundamentals of Ecology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Ecology is the study of the factors affecting the distribution and abundance of individuals and species in the natural environment.

BIOL2015**Computational Biology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to give students an advanced understanding of the quantitative approaches used in contemporary biological sciences.

BIOL2016**Energy and Evolution***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers the major transitions of evolution from a bioenergetic perspective, and emphasises the impact of mechanistic innovations in bioenergetics on evolution and earth systems.

BIOL7008**Field Course in Ecological Genetics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is organised around a ten-day field trip to Southern Spain during the Easter vacation, where random and directed processes leading to genetic change in natural populations will be studied.

CELL2006**Cell Biology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This is a broad-based cell biology course that aims to introduce a wide range of topics related to the biological functioning of eukaryotic cells.

Level 3 courses**BIOL3002****Plants, Environment and Climate Change***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The aim of the course is to discuss how plants respond to environmental stress, in particular pollution and stress associated with climate change (temperature change, drought and elevated CO₂).

BIOL3004**Literature Review***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course provides the opportunity to undertake an individual review of published literature on a specified topic under supervision.

BIOL3005**Introduction to Research***Availability*
Year*Credit Value*
12 (US) 22.5 (ECTS)

This course provides the opportunity to undertake an individual research project of nine weeks' duration (including writing the assessed report) under supervision.

BIOL3008**Species Conservation and Biodiversity***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Humans are causing enormous changes in the natural environment, threatening the existence of many species and habitats. Conservation biology is the science behind efforts to stem this loss of natural diversity.

BIOL3010**Molecular Evolution***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

In this course, students will learn about exciting new developments in comparative genomics and the tools and techniques of modern molecular evolution, bioinformatics, and phylogenetics.

BIOL3011**Advanced Human Genetics (2): Complex Disorders***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on Non-Mendelian human genetics – that is the genetics of a variety of phenotypes which, though they have an underlying genetic basis, are not inherited in a ‘simple’ Mendelian fashion.

**BIOL3012****Sex, Genes and Evolution***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This is a lecture and seminar course on modern aspects of evolutionary genetics and sociobiology, concentrating on (a) the evolution of sex and its consequences and (b) evolutionary conflicts between individuals and genes within individuals.

BIOL3013**Advanced Human Genetics (1): Single Gene Disorders***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers the methodology used for the cloning of genes responsible for Mendelian diseases, how genetic analysis has provided insights into the biology of human disease, together with prospects for the management of Mendelian disorders in human populations.

BIOL3017**Biology of Ageing***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course surveys the biology of ageing (biogerontology) covering topics such as evolutionary and mechanistic theories of ageing, comparative biology of ageing and social and ethical issues relating to research on ageing.

BIOL3018**Vertebrate Life and Evolution***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course provides a broad review of vertebrate life and evolution from a variety of perspectives, including: the fossil record, modern evolutionary and functional anatomy and molecular (especially DNA and isotopic) evidence.

BIOL3024**Advanced Molecular Biology: Genomics and Evolution***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to extend students' knowledge of molecular biology, to illustrate the contribution of molecular biology to our knowledge of gene regulation and function, and to teach critical analysis of original experimental data.

BIOMEDICAL SCIENCES AND NEUROSCIENCE

Biomedical Sciences at UCL combines a fascinating diversity of interlinked life science topics, spanning anatomy, cell and developmental biology, neuroscience, pharmacology and physiology. Focused academic expertise and an interdisciplinary approach contribute to an inspiring and exciting learning environment.

Why study Biomedical Sciences and Neuroscience at UCL?

UCL has a pioneering history and distinguished research reputation in biomedical sciences – teaching and research are closely linked, ensuring you will be exposed to the most-up-to-date discoveries and techniques. You can study a broad range of courses to match your own interests or a more defined set that takes advantage of UCL's international expertise in neuroscience.

What will you gain from study at UCL?

You will be taught by research-active academics who pride themselves on providing a friendly and stimulating environment. In addition to the theoretical aspects of the subject you will learn practical and quantitative skills and techniques required to go forward into further study, research or career opportunities in the biomedical sciences.

Teaching and assessment

Teaching varies between courses, but normally involves seminars and tutorials in addition to lectures. Many courses have associated laboratory classes. Assessment is usually by written examination and coursework assessment, but may also include laboratory write-ups and poster presentations.

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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Dr Paola Pedarzani
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Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Psychology, page 59
- Biological Sciences, page 91
- Molecular Biosciences, page 98

Level 1 courses

ANAT1003

Introduction to Human Anatomy

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introductory course in human anatomy and embryology aimed at non-specialists, which prepares students for more advanced courses offered in later years.

BIOC1001

Biochemistry and Molecular Biology A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A general introduction to cell biology, nucleic acids, protein structure, metabolism, cell physiology and cell signalling in development and differentiation. Requires a background in chemistry.

PHAR1001

An Introduction to the Mechanisms of Drug Action

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introductory course in which important molecular and cellular principles are established by using specific examples such as the treatment of HIV, malaria and diseases of the central nervous system.

PHOL1001

Mammalian Physiology

Availability
Year

Credit Value
8 (US) 15 (ECTS)

A fundamental course in the principal body systems that provides core physiological knowledge with particular reference to basic body homeostasis.

PHOL1002

Mammalian Physiology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide an understanding of essential concepts in physiology.

Level 2 courses

ANAT2008

Developmental Neurobiology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to development in the nervous system, from the earliest embryonic events to the development of perception and complex behaviour in the neonate.

ANAT2010

Human Neuroanatomy

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers medically relevant neuroanatomy and neurophysiology. It provides sufficient background for Level 3 neuroscience courses.

ANAT2050

Human Anatomy and Embryology

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

The course comprises ANAT2051 Thorax, Abdomen and Pelvis (Part A; Fall Term) and ANAT2052 Head and Limbs (Part B; Spring Term). The two parts may be taken independently.

ANAT2099**Ethics of Biomedical Research**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A seminar and discussion based course about legal and ethical implications of *in vitro* fertilisation, genetic manipulation, genetic diagnosis, selective breeding, stem cell research and embryo research.

NEUR2006**Cellular Neurophysiology**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the production, transmission and integration of signals within the nervous system.

PHAR2001**Drugs and the Mind**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on pharmacology of the central nervous system. It is an ideal course for students whose main field is not pharmacology but who require knowledge on how drugs modulate the actions of the central nervous system.

PHAR2002**General and Systematic Pharmacology**

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This core Pharmacology course provides a sound knowledge of the actions of many of the important groups of drugs used in medicine.

**PHAR2003****Experimental Pharmacology**

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This core experimental course in pharmacology covers all aspects of preparation, techniques, and results presentation.

PHAR2005**Introductory Pharmacology**

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course is suitable for life science students whose main field of study is not pharmacology but who require a good understanding of the subject.

PHAR2006**Practical Pharmacology**

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

An introduction to experimental methods in pharmacology.

PHOL2001**Animal and Human Physiology: Integrative Physiology**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A course designed for students with a background knowledge in Mammalian Physiology, who wish to increase their knowledge of the major systems (excluding the central nervous system) and their integration in animal and human physiology.

PHOL2003**Animal and Human Physiology: Systems Neuroscience**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A course designed for students with an intermediate (second-year) knowledge of Mammalian Physiology, who wish to increase their knowledge of motor and sensory neurophysiology with a view to studying these subjects at an advanced level.

PHOL2005**Structure and Function of Nervous Systems**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to Neurobiology, covering fundamental topics such as cells of the nervous system, development of the brain and spinal cord, and the neural basis of behaviour.

Level 3 courses**ANAT3003****Mechanisms of Development**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This advanced course aims to bring students' knowledge and understanding of developmental biology to the level of current research.

ANAT3005**Mechanisms of Development**

Availability
Fall Term

Credit Value
8 (US) 15 (ECTS)

This course combines the lectures given in ANAT3003 with a series of practicals based on the animal models studied (Drosophila, Xenopus, zebrafish, chick and mammal).

ANAT3028**The Neurobiology of Neurodegenerative Disease**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A course focusing on the genetics, and cellular and molecular biology of Alzheimer's, Huntington's, Parkinson's and motor neurone disease, with emphasis on the mechanisms leading to cell death.

ANAT3042**Pain**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course presents an integrated approach to understanding pain, covering basic mechanisms, clinical manifestations, therapy and management, and problems with measurement.

ANAT3105**Clocks, Sleep and Biological Time**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines the importance of time, and oscillations, in a range of biological problems. The central theme will be the mechanisms and influence of the circadian or daily clock.

CELL3050**Advanced Molecular Cell Biology**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An advanced course in molecular cell biology discussing selected topics of current research.

HPSC3041**Disease in History**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course takes specific diseases such as cholera, tuberculosis, smallpox, malaria and AIDS, and examines their social and medical impact during the past couple of centuries.

NEUR3001**Advanced Visual Neuroscience**

Availability
Spring Term

Credit Value
8 (US) 15 (ECTS)

This course surveys visual neuroscience from the level of circuits and systems through to visually-guided behaviour, with emphasis on the computations performed at the various stages of the visual system.

NEUR3018**Neural Basis of Motivation and Learning**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course studies the anatomy, physiology and function of neural structures involved in learning, memory, emotion, motivation and navigation. These include the amygdala, septum, hippocampus, and prefrontal cortex.

NEUR3025**Advanced Functional Anatomy**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A presentation of the structural organisation of the mammalian central nervous system together with some understanding of its functional and clinical significance.

NEUR3031**The Control of Movement**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines the anatomy and physiology of motor systems, including muscles; proprioception; spinal integration; ascending and descending pathways in the spinal cord; motor cortex; basal ganglia and cerebellum.

NEUR3041**Neural Computation: Models of Brain Function**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines neural networks applied to understanding the brain and neural basis of behaviour, how behaviour results from the properties of neurons and synapses in the brain.

NEUR3045**Visual Neuroscience**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will teach visual neuroscience from a broad, interdisciplinary point of view covering a range of different methods and approaches.

PHAR3001**Neuropharmacology**

Availability
Fall Term

Credit Value
8 (US) 15 (ECTS)

An advanced course in neuropharmacology emphasising neurotransmitter function and malfunction in a variety of central nervous system (CNS) pathologies. Contains a significant amount of practical work.

PHAR3002**Neuropharmacology**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An advanced neuropharmacology course investigating the role of neurotransmitters in normal and pathological central nervous system (CNS) function.

PHAR3003**Molecular Pharmacology**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course studies the molecular events involved in the initiation of the response of cells to drugs or hormones.

PHAR3004**Receptor Mechanisms**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course studies the mechanism involved in generating the response to the activation of receptors by drugs and hormones.

PHAR3005**Immunopharmacology**

Availability
Spring Term

Credit Value
8 (US) 15 (ECTS)

Inflammatory mechanisms underlie many pathological conditions. This course investigates the cellular and molecular bases of inflammation, mechanisms by which inflammation results in disease and drugs which modulate inflammation.

PHAR3008**Psychopharmacology**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is an advanced course dealing with conditions such as depression, anxiety, schizophrenia, eating and sleep disorders and the effects of recreational drugs.

PHAR3011**Synaptic Pharmacology: The Synapse a Major Target for Disease and Drug Action**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course ranges from the consideration of neurotransmitter release and action to the current and potential treatment of diseases precipitated by synaptic dysfunction.

PHOL3001**Respiration in Health and Disease**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is a systems physiology course on respiration, building on basic concepts to examine how breathing is monitored and controlled in a range of physiological and pathophysiological conditions.

PHOL3002**Heart and Circulation**

Availability
Fall Term

Credit Value
8 (US) 15 (ECTS)

A substantive course in the essential aspects of cardiac and vascular physiology.

PHOL3004**Cell Signalling in Health and Disease**

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course offers an in-depth look at the cellular control systems that regulate living organisms and the pathologies that arise when things go wrong.

PHOL3006**The Cellular Basis of Brain Function**

Availability
Fall Term

Credit Value
8 (US) 15 (ECTS)

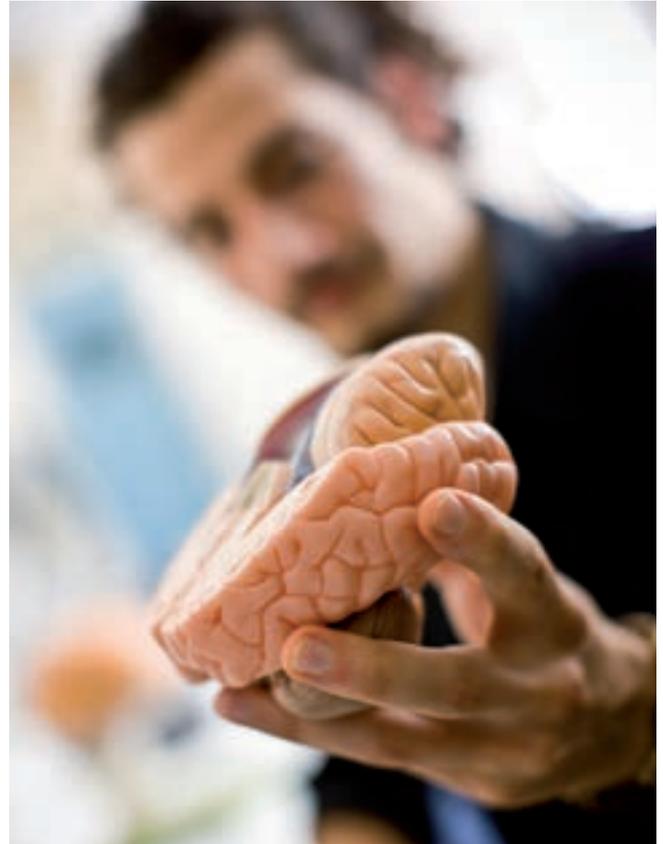
This course is designed to provide a thorough grounding in the cellular mechanisms of brain function in health and disease.

PHOL3011**Autonomic and Central Control of Cardiorespiratory Function**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the autonomic and central control of the cardiovascular and respiratory systems, introducing the relevant peripheral and central areas of the autonomic nervous system that are involved in homeostatic control and how the activity in these pathways changes in response to exercise and disease.

**PHOL3016****Cell Polarity and Disease**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide an understanding of epithelia tissues, including structures and functions, and their importance in wound healing and cancer.

MOLECULAR BIOSCIENCES

Biochemistry, Molecular Biology and Biotechnology underpin the area of Molecular Biosciences, a major part of the disciplines needed for modern medical and biological research. Teaching is research led with specialisms in structural biology, cancer and cell biology and control of gene expression.

Why study Molecular Biosciences at UCL?

The Molecular Biosciences at UCL benefit from world-class teaching and research and very close links with local communities including the Bloomsbury Structural Biology Consortium, Medical Research Council laboratories and the UCL Institute of Child Health. The delivery of structural and molecular biology course content is thus from teachers at the forefront of their respective research fields.

What will you gain from study at UCL?

Our research-led teaching means you gain cutting-edge knowledge in the most up-to-date areas of the subjects studied. The department is keen to encourage good communication skills in science and you can expect to present seminars, posters and interact in the tutorial environment thereby gaining new skills that will support your study and equip you for a career.

Teaching and assessment

Teaching is delivered through lectures, tutorials, laboratory classes and online activities including podcasts. Assessment on most courses is by a combination of unseen written examination, coursework, practical work and online exercises.

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

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Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Biological Sciences, page 91
- Biomedical Sciences and Neuroscience, page 94

Level 1 courses

BIOC1001

Biochemistry and Molecular Biology A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A general introduction to cell biology, nucleic acids, protein structure, metabolism, cell physiology and cell signalling in development and differentiation. Requires a background in chemistry.

BIOC1007

The Principles and Practice of Experimental Biochemistry

Availability
Year

Credit Value
8 (US) 15 (ECTS)

An introduction to the approaches and methods of modern experimental biochemistry and molecular biology including the basic principles underlying these methods. Requires a background in chemistry and a good level of competency in mathematics.

BIOC1008

Biochemistry and Molecular Biology C

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Identical in content to BIOC1001.

BIOC1009

Biochemistry and Molecular Biology B

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Identical in content to BIOC1001.

CDEV1001

Cell Physiology and Developmental Biology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A continuation of BIOC1001.
Prerequisite: BIOC1001.

Level 2 courses

BIOC2001

Molecular Biology

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course covers all aspects of prokaryotic and eukaryotic molecular biology and recombinant DNA technology and includes a five-week laboratory-based cloning exercise.

BIOC2002

General Biochemistry

Availability
Year

Credit Value
8 (US) 15 (ECTS)

This course provides students with an intermediate-level grounding in Cell and Molecular Biology and Biochemistry covering all aspects of structure function and control. No laboratory classes.

BIOC2003

Further Topics in Biochemistry

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is formed from the first half of General Biochemistry (BIOC2002) and provides intermediate-level coverage of Cell and Molecular Biology including structure, function and control.

BIOC2004**Biomolecular Structure and Function***Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course covers all aspects of the structure and function of proteins at an intermediate level.

BIOC2005**Metabolism and its Regulation***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This intermediate-level course in metabolism covers all aspects of cell organisation and regulation and looks at both catabolic and anabolic cellular processes and their control.

BIOC2008**General Biochemistry of Health***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

Examines aspects of molecular biology, protein biochemistry and metabolism that are directly related to medical research and the health and clinical side of the biosciences.

Level 3 courses**BIOC3003****Advanced Biomolecular Structure***Availability*

Fall Term

Credit Value

8 (US) 15 (ECTS)

This course covers all aspects of protein structure and function at an advanced level.

BIOC3007**The Molecular Basis of Cellular Regulation***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course deals with the regulatory mechanisms in cells and tissues.

BIOC3008**Cellular Regulation in Biotechnology, Health and Disease***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course comprises the half of Metabolism and its Regulation (BIOC2005) dealing exclusively with the role of membrane dynamics and compartmentation in cellular regulation.

BIOC3010**Computational and Systems Biology: In Silico Analysis of Genes and Proteins and their Biological Roles***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course covers the topic of bioinformatics: the use of computers to study genes and proteins using complex databases to handle the vast amount of information re: the genome and proteome.

BIOC3012**Nutrition and Metabolism in Health and Disease***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course explores molecular aspects of nutrition, metabolism and endocrinology.

BIOC3013**Cancer Biology***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course focuses on the mechanism of cancer and the cutting edge in its treatment.

BIOC3016**Genes to Disease***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course introduces students to advanced ideas of molecular genetics.

BIOC3017**Cellular and Molecular Aspects of Cardiovascular Disease***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course examines new developments in molecular and cellular biology and their applications to cardiovascular disease.

BIOC3024**Molecular Mechanisms of Gene Expression and Regulation***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course shows how molecular biology is steadily revealing the mechanisms of previously intractable problems, for example, control of gene expression.

MATHEMATICAL AND PHYSICAL SCIENCES



My UCL study abroad experience will help me understand mathematics from a different point of view. It has also helped me learn life lessons regarding travelling, living independently, and dealing with culture shock. It has been wonderful to live in such a large city. Learning how to balance living independently with my studies – especially time management – will benefit me in the future.

When I am not studying, I attend UCL shows, explore London, take walks in Regent's Park, have afternoon tea, window shop in Covent Garden, and hang out with friends. I found time to travel to Spain during Reading Week along with Germany and Amsterdam at Easter. I went for day trips to Newcastle and Brighton, and will be going to Stratford-upon-Avon shortly.

I found my study abroad experience at UCL completely rewarding and I would definitely consider returning to the UK for graduate studies.



Jonathan Dollar
Emory University
Georgia, USA

CHEMISTRY

One of UCL's founding departments, UCL Chemistry is one of the UK's premier Chemistry departments as judged by the UK government's 2008 Research Assessment Exercise. The 1904 Nobel prize in Chemistry was awarded to Sir William Ramsay for the discovery of five noble gases at UCL.

Why study Chemistry at UCL?

Research carried out in the Chemistry Department is at the forefront in areas such as chemical biology, nanotechnology, materials and computational chemistry, and your professors are leaders in these fields. The department is equipped with modern undergraduate laboratories and has close ties to research centres such as the London Centre for Nanotechnology.

What will you gain from study at UCL?

You will benefit from the exposure to new ideas and areas of research and the diversity of skills that we expect students to develop as part of the assessment process. Courses draw on the interdisciplinary aspect of modern chemistry and you will gain an insight into the interactions between disciplines.

Teaching and assessment

Many courses involve three components: formal lectures, weekly tutorials and laboratory work. Students admitted for the Fall Term only will be assessed by a special departmental examination at the end of their studies in December. UK chemistry degrees have a vertical structure and therefore courses at higher levels normally ask for specific prior study.



Level 1 courses

CHEM1101

Basic Inorganic Chemistry

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to inorganic chemistry. The course involves lectures, tutorials and laboratory work.

CHEM1201

Basic Organic Chemistry

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to organic chemistry. The course involves lectures, tutorials and laboratory work.

CHEM1301

Basic Physical Chemistry

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to physical chemistry. The course involves lectures, tutorials and laboratory work.

CHEM2101

Fundamentals of Inorganic Chemistry

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course shares lecture material with CHEM1101 but does not include laboratory work. Additional lectures are given on the topic of 'Metals in Medicine'.

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

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Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Biochemical Engineering, page 71
- Chemical Engineering, page 73
- Molecular Biosciences page 98

Level 2 courses

CHEM2001

Chemistry of Materials

Availability

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course addresses how technologically important properties of materials arise from their bonding, structure and defects. CHEM1301 (or an equivalent course) is a prerequisite.

CHEM2102

Inorganic Chemistry

Availability

Year

Credit Value

8 (US) 15 (ECTS)

This course explores in detail both main group and transition metal chemistry with an underlying theme of the applications of group theory. CHEM1101, or an equivalent course, is a prerequisite.

CHEM2201

Organic Chemistry

Availability

Year

Credit Value

8 (US) 15 (ECTS)

The course involves lectures, tutorials and laboratory work. Content includes synthesis, reactivity, structure determination and mechanism in organic chemistry and biologically important molecules. CHEM1201 (or equivalent) is a prerequisite.



CHEM2203

Reaction Mechanisms in Chemical and Biological Systems

Availability

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course will be divided into two main themes: the study of mechanisms in organic chemistry, and the mechanisms of enzyme-catalysed reactions.

CHEM2301

Physical Chemistry

Availability

Year

Credit Value

8 (US) 15 (ECTS)

The course involves lectures, tutorials and laboratory work. Covers quantum mechanics, thermodynamics, molecular spectroscopy, kinetics and electrochemistry. CHEM1301 (or equivalent) is a prerequisite.

CHEM2304

Quantum Mechanics and Spectroscopy

Availability

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course shares lectures with CHEM2301 and covers a subset of the material in that course, including quantum mechanics and atomic spectroscopy. There is no laboratory component. CHEM1301 (or equivalent) is a prerequisite.

CHEM2601

Chemistry of Biologically Important Molecules

Availability

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course covers the most important classes of biologically important molecules and provides an understanding of their structure and conformation. CHEM1201 (or equivalent) is a prerequisite.

EARTH SCIENCES

UCL Earth Sciences enjoys world-class facilities accessible to students at all levels. These include hosting the UK's only NASA Regional Planetary Image Facility, use of the University of London Observatory, and extensive collaboration with the Royal Institution and the Natural History Museum. World-class research is used in course development.

Why study Earth Sciences at UCL?

Both our teaching and research have scored highly in government assessments. We maintain excellent, informal relations between staff and students by keeping class sizes small, so your tutors really get to know you, and can help build on your strengths; and also through the active and popular Greenough Society, which organises field trips, lectures and social events.

What will you gain from study at UCL?

You will have the freedom to choose from a wide range of courses, including field-based courses, and may elect to attend a course taught in a different UCL department. Students with sufficient prior knowledge may be able to take Level 3 and Level 4 courses, and should contact the Affiliate Tutor for details. Many of these are project- or field-based, thereby offering unique skills training.

Teaching and assessment

Assessment is based on written examination and coursework. Examinations are held in May; semester-only students are offered alternative assessment. Some of our courses include a mandatory fieldwork component which may carry an additional charge. For current details please contact the Departmental Affiliate Tutor before submitting your application.

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

Contact name

Danuta Kaminski
EMAIL d.kaminski@ucl.ac.uk
TEL +44 (0)20 7679 2393

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Physics and Astronomy, page 110
- Geography, page 145

Level 1 courses

GEOL1001

Earth Materials

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Through a series of linked practicals and lectures, this course introduces students to the chemistry and physical properties of minerals.

GEOL1002

From Petrology to Petrogenesis

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces the principal building blocks of Earth Sciences: rocks, minerals and their composition, formation and origins.

GEOL1003

History of Life

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course presents a discussion of the development of life on Earth and the way in which life and the physical environment have interacted through 3800 million years of Earth history.

GEOL1004

Dynamic Earth

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course introduces Earth as a planet and examines principal geophysical and geological phenomena; plate tectonics, seismology, gravity, magnetism, and heat flow.

GEOL1012

Surface Processes

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course demonstrates the immensity of surface processes and resulting changes on Earth and other planets through geological time.

GEOL1013

The Earth

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course provides an integrated introduction to understanding the Earth.

GEOL1014

Geochemistry

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the principles of chemistry required for considering the fundamental geochemical processes operating in the Earth system.

GEOL1015

Geology of Planetary Bodies

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the geological histories and geological processes of other planets which illustrates how this knowledge has led to our current understanding of the origin and evolution of the Solar System.

Level 2 courses

GEOL2004
Chemistry of Earth Environments
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course outlines chemical aspects of the Earth's formation and development to its present state.

GEOL2008
Vertebrate Palaeontology and Evolution
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

An introduction to the major vertebrate groups and evolutionary relationships of these groups.

GEOL2009
Surface Processes and Structures
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course provides an understanding of sedimentary rocks and depositional environments. Fieldwork is carried out over the Easter vacation.

GEOL2010
Igneous Petrology
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

Provides students with a basic understanding of the nature and origin of crustal-forming igneous and metamorphic rocks, their formation and their tectonic settings.

GEOL2012
Metamorphism
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

Provides a thorough grounding in the study of metamorphic rocks and the processes responsible for their formation.

GEOL2014
Global Geophysics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course provides an understanding of the use of geophysics for investigating solid Earth structure and processes.

GEOL2027
Structural Geology and Tectonics
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

An introduction to the concepts of stress, strain and deformation in the Earth's crust and lithosphere, and to the geological structures that result from tectonic processes.

Level 3 courses

GEOL3003
Geodynamics and Global Tectonics
Availability
 Year
Credit Value
 8 (US) 15 (ECTS)

The course seeks to present a global perspective of plate tectonics processes, including plate kinematics, the nature of plate boundaries and the forces that drive those processes.



GEOL3011
Geosciences Report
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

A critical literature review, completed with initial guidance and reasonable supervision.

GEOL3036
Biodiversity and Macroevolutionary Patterns
Availability
 Year
Credit Value
 8 (US) 15 (ECTS)

This course offers an explanation of the techniques used to construct and test evolutionary trees.

GEOL3045
Groundwater Science
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course introduces groundwater and the characteristics of aquifers, also the role of groundwater in geological processes and in environmental management.

GEOL3047
Seismology I
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course covers the basic principles of modern seismology. It covers fundamental components of seismic wave theory, source theory and the use of seismic observations.

MATHEMATICS

Mathematics encapsulates ideas of rigour, proof and abstraction. Our degrees are intellectually demanding and the rewards are enormous, both for the understanding of mathematics they bring, and for their application in other subjects.

Why study Mathematics at UCL?

The department is the third oldest mathematics department in England. It has a very high rating for teaching and research in UK government assessments. Three of the six British winners of the Fields Medal have been members of the department. We have over ten nationalities on our staff, which represents a selection from the best of world mathematics.

What will you gain from study at UCL?

You will be able to choose from courses which range from the most elementary to the most advanced. Our students, past and present, tell us we are friendly and informal, and that they really appreciate the personal attention the staff are able to give them. They also report having found the staff's commitment to their subject both infectious and stimulating.

Teaching and assessment

As far as possible, you will be treated the same as the undergraduate students enrolled on our own degree programmes. Teaching is by lecture and tutorial, assessment is by examination and assessed coursework. Our Fall Term courses are available only to whole year affiliate students.

Level 1 courses

MATH1101

Analysis 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction in formal analysis. Starting only with the basic properties of real numbers, rigorous proofs are given of the main results in elementary differential calculus.

MATH1102

Analysis 2

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an understanding of analysis in calculus, differentiation and integration, continuing the study of a function of a real variable initiated in Analysis 1 (MATH1101).

MATH1201

Algebra 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is intended as an introduction to the methods of modern Algebra and Discrete Mathematics, primarily through the detailed study of a problem of particular importance and wide applicability, namely linear equations.

MATH1202

Algebra 2

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course, which follows on from Algebra 1 (MATH1201), offers an introduction to the theory of groups alongside further study of linear algebra.

MATH1203

Algebra for Joint Honours Students

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course introduces the two main foundations of modern algebra: group theory and linear algebra.

MATH1301

Applied Mathematics 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to give an introduction to university-level applied mathematics for all students, whether or not they have previous experience in this field.

MATH1302

Newtonian Mechanics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course follows on from Applied Mathematics 1 (MATH1301) and gives a comprehensive coverage of Newtonian dynamics of point particles.

MATH1401

Mathematical Methods 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to bring students from a diverse background of school-leaving qualifications and syllabi to a uniform level of confidence and competence in basic calculus.

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

| |
|--|
| Contact name |
| Dr Robert Bowles EMAIL r.bowles@ucl.ac.uk TEL +44 (0)20 7679 3501 |
| Availability |
| Year, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £15,660 For full explanation of tuition fees please see page 157. |

Related courses can be found in these departments:

- Physics and Astronomy, page 110
- Statistical Science, page 121
- Economics, page 142



MATH1402**Mathematical Methods 2***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces all the techniques necessary for an understanding of the theorems of Green and Stokes.

Level 2 courses**MATH2101****Analysis 3: Complex Analysis***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers a detailed understanding of complex numbers and variables.

MATH2201**Algebra 3: Further Linear Algebra***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This is an advanced course on Linear Algebra, in which the topics covered have applicability in many areas of mathematics.

MATH2301**Fluid Mechanics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to inviscid fluid mechanics.

MATH2401**Mathematical Methods 3***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The aim of this course is to provide students with an introduction to two mathematical topics: (a) the calculus of variations, and (b) partial differential equations.

MATH7102**Analysis 4: Real Analysis***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims to reinforce and extend analysis of a single variable to topics including uniform convergence. Topics in several variables are then developed to produce results analogous to those in one variable and more general metric spaces are discussed.

MATH7202**Algebra 4: Groups and Rings***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide students with a good working knowledge of group classification, together with an understanding of the main ideas and techniques of elementary (commutative) ring theory.

MATH7302**Analytical Dynamics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Analytical dynamics develops Newtonian mechanics to the stage where powerful mathematical techniques can be used to determine the behaviour of many physical systems.

MATH7304**Electromagnetism***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

By the end of this course, students should be able to understand the physics represented by Maxwell's equations and special relativity in the context of electromagnetism, and be able to formulate and solve problems based on these equations.

MATH7402**Mathematical Methods 4***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is a continuation of Mathematical Methods 3 (MATH2401) and aims to introduce further tools required to solve the partial differential equations which arise in applied mathematics.

MATH7501**Probability and Statistics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The aim of this course is to introduce students to the theory of probability and some of the statistical methods based upon it.

MATH7601**Computational Methods***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Many applications of mathematics rely heavily on computation. This course provides an introduction to the theory of computation and to modern programming techniques.

MATH7701**Theory of Numbers I***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to elementary number theory, including classical and modern results and applications.

Level 3 courses**MATH3101****Measure Theory***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides the essential foundations of measure theory and theory of the integral – an important aspect of mathematical analysis.

MATH3103**Functional Analysis***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the basic concepts of functional analysis. These concepts are crucial in the modern study of partial differential equations, Fourier analysis, quantum mechanics, probability and many other fields.

MATH3105**Probability***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course follows on from earlier courses in real analysis and measure theory, and describes what is perhaps the most important application of measure theory in mathematics; the rigorous theory of probability.

MATH3109

Multivariable Analysis

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course develops rigorously the important notions and theorems of analysis in \mathbb{R}^n .

MATH3110

Linear Partial Differential Equations

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to some of the mathematical techniques needed to study linear partial differential equations and serves as a foundation for more advanced work on nonlinear PDE and PDE on manifolds. Tools such as the theory of distributions and the Fourier transform are of wide applicability beyond the theory of PDEs and are of great interest in their own right.

MATH3113

Differential Geometry

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Modern Geometry was born when Riemann first separated the concept of geometry from the concept of space (for this course, the notion of the surface).

MATH3201

Commutative Algebra

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course studies modules over principal ideal domains (PIDs), and offers an introduction to (commutative) rings and modules with applications.

MATH3202

Galois Theory

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This is a course on Galois theory, a very elegant piece of mathematics, bringing together ideas from group theory, ring theory and linear algebra.

MATH3203

Algebraic Topology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The purpose of this course is to provide an elementary introduction to the methods of Algebraic and Geometric Topology via the homology of simplicial complexes.

MATH3204

Representation Theory

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers a study of the representation theory of finite groups, perhaps the easiest part of the general theory of symmetry.

MATH3301

Real Fluids

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This is a course on the flow of incompressible viscous (i.e. real) fluids.

MATH3304

Geophysical Fluid Dynamics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course uses mathematics to discuss the global environment.



MATH3305

Mathematics for General Relativity

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to Einstein's theories of special and general relativity.

MATH3307

Biomathematics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to biomechanics, an increasingly significant branch of applied mathematics. It also serves to reinforce students' skills in mathematical modelling, a subject of importance for all students aiming to apply mathematics to other areas.

MATH3401

Mathematical Methods 5

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to develop the techniques necessary to provide analytical support to direct numerical evaluation.

MATH3402

Waves and Wave Scattering

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to linear and non-linear wave theory and the approximate methods used to tackle transmission and scattering in inhomogeneous media.

MATH3502**Combinatorial Optimisation***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the theory of efficiency of algorithms.

MATH3503**Graph Theory and Combinatorics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to introduce students to discrete mathematics, a fundamental part of mathematics with many applications in computer science and related areas.

MATH3506**Mathematical Ecology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Mathematical models are used extensively in many areas of the biological sciences. This course aims to give a sample of the construction and use of such models in population biology.

MATH3508**Financial Mathematics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is concerned with the valuation (i.e. pricing) of financial derivatives which is an exciting and relatively new area of mathematical application.

**MATH3601****An Introduction to Mathematica***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to the Mathematica system, a high-level computing environment including computer algebra, graphics and programming.

MATH3603**Numerical Methods***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to numerical analysis, the theory underlying the numerical methods that are frequently used to solve a wide range of practical problems.

MATH3703**Prime Numbers and their Distribution***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Analytic number theory applies the methods of classical analysis to the integers and, in particular, to the properties of prime numbers.

MATH3704**Algebraic Number Theory***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers an introduction to some of the applications of algebra in number theory, and starts the study of algebraic number theory – one of the two main branches of modern number theory.

MATH3705**Elliptic Curves***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers students the opportunity to develop a detailed understanding of elliptic curves – an important part of current research in number theory and cryptography.

MATH3801**Logic***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The purpose of this course is to give the basic ideas of the formalisation of mathematical language and mathematical thinking for students who already understand them on a working level.

MATH3802**History of Mathematics**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This reading and writing course provides a general framework and background to the history of mathematical thought from early times to 1800 AD, and covers selected topics from later work.

Level 4 courses**MATHM111****Spectral Theory**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Spectral theory came to prominence when quantum mechanics was introduced in modern physics. In quantum mechanics classical quantities (position, momentum, etc.) are represented by operators (bounded, unbounded, self-adjoint etc).

MATHM112**Geometric Measure Theory**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is an advanced course on geometric measure theory and its applications.

MATHM114**Riemannian Geometry**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Differential and Riemannian Geometry provide an important tool in modern mathematics, impacting on diverse areas from the pure to the applied.

MATHM205**Topology and Groups**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course starts with the basics of general topology. The fundamental group is then defined and studied, with an emphasis on examples: graphs and their fundamental groups, free groups, are especially motivating.

MATHM206**Lie Groups and Lie Algebras**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course divides in two halves. In the first half we introduce the notion of a Lie algebra and the relationship between a Lie group and its Lie algebra. This will involve some ideas from geometry (manifolds and tangents spaces) which will serve you well in later courses. In the second half we study representations of Lie groups and Lie algebras, paying attention to the groups $SU(2)$ and $SU(3)$.

MATHM211**Algebraic Geometry**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers the study of algebraic sets (or varieties). After defining affine and projective algebraic sets and studying their basic properties, the course will mainly focus on the algebraic geometry of curves.

MATHM302**Asymptotic Methods and Boundary Layer Theory**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers a continuation of MATH3301 (Real Fluids) concentrating on the high Reynolds number limit, interpreting boundary-layer theory as the leading term of a rational approximation to the Navier-Stokes equations.

MATHM306**Cosmology**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course studies the history and structure of the universe. Topics include cosmological equations, how observations are affected by the expansion and curvature of the universe, astronomical methods used to determine the expansion rate, and galaxy formation.

MATHM501**Theory of Traffic Flow I**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to the mathematical modelling of traffic flow.

MATHM505**Evolutionary Games and Population Genetics**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course presents the fundamentals of Mathematical Population Genetics, which gives mathematical expression to the genetic aspects of evolution in natural populations.

MATHMM01**Advanced Modelling Mathematical Techniques**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to ensure that students possess knowledge of the concepts, analytic techniques and computation for modelling a range of problems.

MATHMM04**Computational and Simulation Methods**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will consider various computational methods which may be used when mathematical modelling.

MATHMM21**Quantitative and Computational Finance**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This is a course in applied mathematical finance, derivative pricing and the application of PDEs to option pricing.

PHYSICS AND ASTRONOMY

The opportunity to study as an affiliate at UCL, sited in central London, in a Physics and Astronomy Department highly rated for both teaching and research, is one which is not easily ignored.

Why study Physics and Astronomy at UCL?

UCL's Physics and Astronomy Department has a strong commitment to teaching and research and is highly rated world-wide. Teaching facilities are top class for both Physics and Astronomy, the latter using our very well equipped Observatory sited at Mill Hill in North London. Many of the teachers you will encounter are working at the forefront of their chosen research fields.

What will you gain from study at UCL?

Our courses will help you to develop new skills in Physics or Astronomy and in some courses you will experience interaction with other disciplines such as Earth Sciences and space science. For the more advanced student, project work can be undertaken which may allow you to work with a supervisor from one of our top-rated research groups.

Teaching and assessment

We teach by lectures, problem class/discussion and laboratory class as appropriate to the course. Assessment is by examination and 'In Course Assessments' (ICAs) in Level 1 and 2 courses and by examination and coursework in Level 3 and 4 courses. Laboratory courses are continuously assessed. For Fall Term-only students, final alternative assessment will be arranged before you leave.



Level 1 courses

PHAS1130

Practical Skills 1A

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course gives practice in astronomical experimental technique including data recording, data analysis and report writing; and also provides an introduction to computer packaged analysis tools.

PHAS1202

Atoms, Stars and the Universe

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Provides an overview of the modern ideas in these areas. Students will be introduced to the ideas of quantum mechanics and acquire a broad view of the origin and evolution of the Universe as it is currently understood.

PHAS1224

Waves, Optics and Acoustics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The properties of different types of waves are discussed together with major applications in physical and geometrical optics and propagation of sound waves.



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

Contact name

Dr Dan Browne
EMAIL d.browne@ucl.ac.uk
TEL +44 (0)20 7679 3602

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Earth Sciences, page 103
- Mathematics, page 105

PHAS1228

Thermal Physics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Simple statistical ideas of heat are introduced which are fully developed in a later course. Students are able by the end to apply thermodynamics to simple systems.

PHAS1240

Practical Skills 1C

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A course giving an introduction to physics laboratory techniques and practice, and developing the basic practical skills necessary for performing experimental work.

PHAS1241

Practical Skills 1P

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course gives further instruction in experimental physics through a selection of scripted experimental exercises following on from PHAS1240.

PHAS1245

Mathematical Methods 1

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

All the mathematics required for the understanding of Level 1 Astronomy and Physics courses will be provided in this service course and PHAS1246.



PHAS1246

Mathematical Methods 2

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

All the mathematics required for the understanding of Level 1 Astronomy and Physics courses will be provided in this service course and PHAS1245.

PHAS1247

Classical Mechanics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introductory course which starting from Newton's Law of Motion covers the techniques used to apply the laws to the solution of physical problems.

PHAS1449

Practical Mathematics 1

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will provide a foundation in computer-based mathematical modelling for students of Theoretical Physics.

Level 2 courses

PHAS2112

Astrophysical Processes: Nebulae to Stars

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the most important astrophysical processes encountered in a wide range of nebular and stellar environments.

PHAS2117

Physics of the Solar System

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The basic requirements, central principles, and practical considerations for components used in complete astronomical data-acquisition systems in different wavebands in the electromagnetic spectrum.

PHAS2130

Practical Astrophysics 2A

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A short course on the basic techniques required for numerical analysis of theoretical results and their comparison with experimental data.

PHAS2201**Electricity and Magnetism***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A foundation course in electricity and magnetism providing the basis for more advanced courses plus essential techniques for use in other areas of physics.

PHAS2222**Quantum Physics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to develop an understanding of the principles of quantum mechanics and their implications to the solution of physical problems.

PHAS2224**Atomic and Molecular Physics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course builds on basic observations and ideas in electromagnetism and quantum physics to enable the student to understand the structure and spectra of simple atoms and molecules, and to develop such understanding to a point where problems can be tackled.

PHAS2228**Statistical Thermodynamics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course provides a foundation to an understanding of statistical thermodynamics required for the study of processes at the microscopic level and of solid-state physics.

PHAS2246**Mathematical Methods 3***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

In conjunction with PHAS1245 and PHAS1246, this course will provide the necessary mathematical underpinning for all core Physics and Astronomy courses.

PHAS2423**Mathematical Methods for Theoretical Physics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Introduces theoretically-minded students to advanced areas in mathematics, with applications to various problems in physics, particularly in dynamics, quantum mechanics, solid mechanics and fluid mechanics.

PHAS2427**Environmental Physics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course enables the student to understand the structure and dynamics of the Earth's atmosphere and oceans.

PHAS2440**Practical Physics 2A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A short course on the basic techniques required for numerical analysis of theoretical results and their comparison with experimental data, with emphasis on the use of various computer packages.

STUDENT VIEW**Lucia Perez****Wellesley College, USA**

I chose UCL as the Physics and Astronomy courses were on the same academic level and schedule as that of my home college, and London seemed like a fantastic choice for a semester abroad. As a Astrophysics major, I was eager to take advantage of courses that UCL offered that weren't available at my home institution. I particularly enjoy the depth and variety of subjects available to me at UCL. My Study Abroad experience has made me more flexible, self-confident and self-reliant both academically and personally.

**PHAS2441****Practical Physics 2B***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Provides instruction in some of the more advanced specialist skills required of a practicing physicist and an opportunity to use the skills acquired in project work.

PHAS2443**Practical Mathematics 2***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course uses a modern system for solving mathematical problems by computer as a framework for modelling and simulation in physics.

Level 3 courses**PHAS3135****The Physics of Stars***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers a wide range of basic stellar-astrophysics material at an intermediate to advanced level.

PHAS3137**Physical Cosmology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to basic cosmological principles and a summary of selected topics in extragalactic astronomy.

PHAS3201

Electromagnetic Theory

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Maxwell equations will be used to help understand energy flow in the waves and the optical phenomena of reflection, refraction and polarisation.

PHAS3224

Nuclear and Particle Physics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Introduces the nature of nuclei and particles, outlines their systematics and explores the nature of the forces between them.

PHAS3225

Solid State Physics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Gives an insight into the principles of the structure of solids and how it is determined, and establishes an understanding of the relationship between structure and thermal, mechanical, electronic and magnetic properties.

PHAS3226

Quantum Mechanics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers a summary of the basic concepts and postulates of quantum mechanics.



PHAS3330

Observational Astronomy 1 – Technique

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course will help develop competence in planning a set of astronomical observations, using large telescopes, CCD detectors and spectroscopy, and applying data reduction techniques.

PHAS3331

Observational Astronomy 2 – Applications

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course develops competence in the application of data reduction techniques to astrophysical datasets and in the analysis of such reduced sets to derive astrophysical relevant information.

PHAS3334

Interstellar Physics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces the basic physics of the interstellar gas in its diffuse, ionised, and molecular phases, together with the properties of interstellar dust.

PHAS3338

Astronomical Spectroscopy

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course develops an understanding of the spectra of atoms and molecules and their uses in astronomy.

PHAS3400

Physics Project BSc

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

This course enables students, who work independently or in pairs, to tackle novel and stimulating problems drawn from many areas of physics, and related disciplines, both theoretical and experimental.

PHAS3424

Theory of Dynamical Systems

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to the modern theory of dynamical systems both continuous and discrete, with applications in physics and their relevance to modelling mechanical and physical systems.

PHAS3427
Climate and Energy
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

An introduction to the science of climate change, the physics of energy generation and the possibility of intervening in the Earth's climate.

PHAS3440
Experimental Physics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

The aim of this course is to introduce advanced experimentation in physics and statistical analysis of data.

PHAS3441
Group Project
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

Aims to teach students how to function effectively in a group, simulating a professional working environment, tackling a problem in physics requiring group co-operation for its solutions.

PHAS3443
Lasers and Modern Optics
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

An introduction to modern optics and laser physics, establishing the principles and how they are applied to different physical processes.

PHAS3447
Materials and Nanomaterials
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

An introduction to the physics of materials science, addressing the mechanical, electrical, magnetic and optical properties of manufactured materials, and their exploitation in commercial devices.

PHAS3459
Scientific Programming using Object-oriented Languages
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

The course aims to provide an introduction to the use of object oriented (OO) programming in the context of physics data handling and analysis using Java.

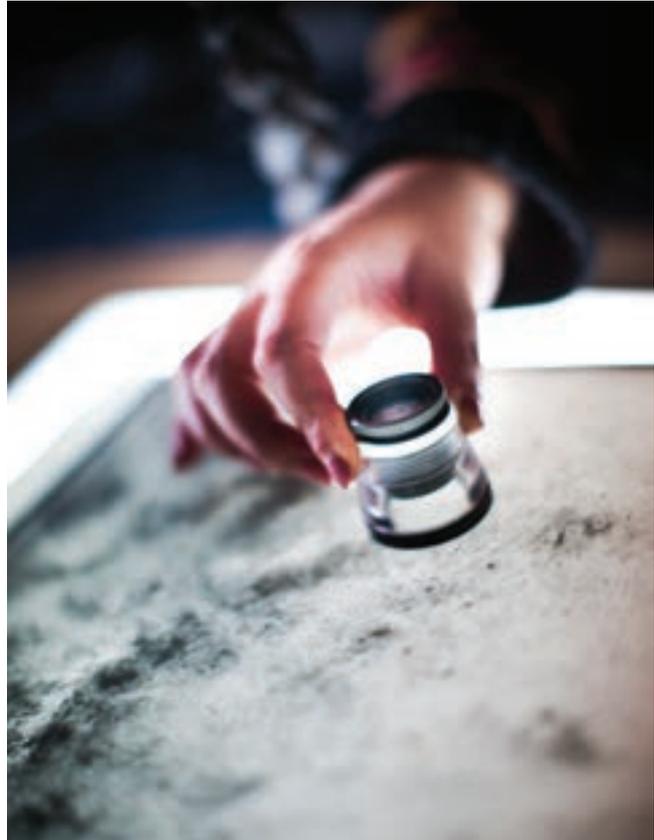
PHAS3661
Physics of the Earth
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

The course looks at seismic techniques for studying the Earth's interior, satellite altimetry for determining the geoid and ocean circulations, laser ranging and very long baseline interferometry for measuring continental drift.

Level 4 courses

PHASM101
Astrophysics Project
Availability
 Year
Credit Value
 12 (US) 22.5 (ECTS)

This course aims to transfer and encourage independent research skills in the student, by requiring them to undertake and complete a research project over two full terms.



PHASM201
Physics Project
Availability
 Year
Credit Value
 12 (US) 22.5 (ECTS)

This course aims to enhance and develop practical skills in the student, by requiring them to undertake an open-ended project over two full terms.

PHASM312
Planetary Atmospheres
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course compares the atmospheres of all the planets and examines the past, present and future of the Earth's atmosphere with the perspective offered by the comparison.

PHASM314
Solar Physics
Availability
 Spring Term
Credit Value
 4 (US) 7.5 (ECTS)

This course presents a detailed description of the structure and behaviour of the Sun and its atmosphere, and aims to give the student a good understanding of the underlying physical processes.

PHASM315
High Energy Astrophysics
Availability
 Fall Term
Credit Value
 4 (US) 7.5 (ECTS)

This course provides an understanding of the theoretical processes responsible for a range of high-energy stellar and galactic sources, using observational data from Earth satellites.

PHASM319

Formation and Evolution of Stellar Systems*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Aims to give a detailed description of the structure, physical characteristics, dynamics and mechanisms that determine the kinematic structure, origin and evolution of clusters of galaxies.

PHASM336

Advanced Physical Cosmology*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will provide a very advanced level exposition of modern theoretical and observational cosmology. (A knowledge of tensor mathematics as applied to general relativity is desirable).

PHASM421

Atom and Photon Physics*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces students to the interactions of photons with atoms. In particular the operation and use of lasers, and the role of lasers in modern spectroscopic techniques, are discussed.

PHASM426

Advanced Quantum Theory*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course extends perturbation theory to time-dependent systems and gives an introduction to a quantum mechanical description of the scattering of low-energy particles by a potential.



PHASM427

Quantum Computation and Communication*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the field of quantum information covering the basic notions of quantum cryptography, quantum algorithms, teleportation, as well as state of the art experiments.

PHASM431

Molecular Physics*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims to introduce advanced students to a detailed discussion of the spectroscopy and electronic states of polyatomic molecules.

PHASM442

Particle Physics*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Covers the basic concepts of particle physics, including mathematical representation of the fundamental interactions and the role of symmetries.

PHASM465

Space Plasma and Magnetospheric Physics*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Introduces the solar wind and its interaction with various bodies in the solar system, in particular discussing the case of the Earth and the environment in which most spacecraft operate.

PHASM472

Order and Excitations in Condensed Matter*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course aims to provide a unified description of order and excitations in condensed matter with an emphasis on how they may be determined with modern x-ray and neutron techniques.

PHASM800

Molecular Biophysics*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an insight into the molecular machinery of biological cells. Concepts will be introduced through studying bio-molecular structure, DNA packing in the genome, molecular motors and neural signalling.

SCIENCE AND TECHNOLOGY STUDIES

Science and Technology Studies (STS) offers a unique array of interdisciplinary subjects concerning science, technology and medicine: from history and philosophy of science to ethics of medical practice; from science policy to sociology of technology; from science communication and engagement to the global governance of new technologies.

Why study Science and Technology Studies at UCL?

UCL was the first UK university to offer undergraduate degrees in this interdisciplinary subject. Studying in our department you will have access to outstanding academic staff and resources. Classes tend to be small, and we are recognised internationally for the excellence of research and teaching. Because our teaching reflects current issues and affairs, we are bringing in new courses all the time.

What will you gain from study at UCL?

We welcome students from both humanities and sciences backgrounds, and affiliate students coming from diverse academic backgrounds can expect to find the truly interdisciplinary nature of our research expertise especially relevant.

Teaching and assessment

Each course consists of an average of 20 lectures and tutorials per term. Assessment is normally by a three-hour written examination (in May) plus coursework assignments. Fall Term-only students will be offered alternative assessment.



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

Contact name

Programme Administrator
EMAIL
sts-studyabroad@ucl.ac.uk
TEL +44 (0)20 7679 3763

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Philosophy, page 48
- Biological Sciences, page 91
- Chemistry, page 101
- Physics and Astronomy, page 110
- Science and Technology Studies: Global Citizenship programme, page 119
- Geography, page 145
- History, page 148



Level 1 courses

HPSC1001

History of Science

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides a survey of the origins and development of science from the Ancient Greeks to 1800.

HPSC1003

Philosophy of Science 1

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is an introductory course in the philosophy of science.

HPSC1004

Science Policy

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to social and political thinking about the role of science and technology in society and the relationship between science and the state.

HPSC1008

Fundamentals of Science Communication

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the relationship between the professional world of science and the social, cultural and personal spaces in which science contributes to the shaping of society.

HPSC1010

Revealing Science

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an engaging introduction to history, philosophy, and social studies of science, including key concepts in science and technology studies, public engagement with science, and science policy.

HPSC1011

History of Modern Science

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an overview of the development of the sciences from 1850 to the present, with particular emphasis on the 20th century. The development of science will be considered in its social, political and cultural contexts.

Level 2 courses

HPSC2001

Policy Issues in the Life Sciences

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides a critical overview of policy issues arising from developments in the biological sciences.

HPSC2002

Science in the Mass Media

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to media studies for those interested in relations between science and the media.



HPSC2003

Philosophy of Science 2

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course is a continuation of HPSC1003 (Philosophy of Science 1), intended for students that have completed that course or received similar introduction to philosophy of science elsewhere.

HPSC2006

Science and Ethics

Availability
TBC

Credit Value
4 (US) 7.5 (ECTS)

This course offers an exploration of ethical challenges arising in recent scientific activity.

HPSC2012

Science, Religion and Revolution

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines the relations between science, religion and progress.

HPSC2014

Science Policy Issues in Global Perspective

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores questions of privacy, communication and democratic involvement, with special reference to new digital and surveillance technologies.

HPSC2016

Globalization in Theory and Practice

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will explore science, technology and globalization from a theoretical perspective and with reference to specific case studies.

HPSC2017

Global Citizenship in Action

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An action-based group-work course in which students develop and implement a project via which they, and a wider community, enhance citizenship and leave a legacy of new understanding, better practice or improved social relations.

HPSC2018**History of Life Sciences**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers a historical survey of the biological sciences from the Enlightenment to the present.

HPSC2020**Philosophy of Medicine**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

A number of developments in the history of medicine have been described as revolutionary. This course explores how such developments (e.g. germ theory of disease; introduction of anaesthetic drugs) are reflected in the theoretical and practice groundwork of medicine.

HPSC2022**Philosophy of Social Science**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

How does the 'science' practised by social scientists compare with the 'science' practised by biological, physical and medical scientists? This course examines such fundamental questions about the social sciences.

HPSC2023**Sociology of Science and Technology**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to and overview of the sociology of science and technology, and examines the different ways in which science and technology is shaped by social factors.

Level 3 courses**HPSC3002****Science, Warfare, and Peace**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course investigates the relationship between science, technology and war, primarily using intellectual tools from history, philosophy and sociology of science.

HPSC3003**Communication of Scientific Ideas**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This is a practical course in communicating science.

HPSC3004**Dissertation**

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This is a full-year, one course unit research course for third-year students. Students undertake a research project of their own design in the field of science and technology studies.

HPSC3007**Topics in the History of the Physical Sciences**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores various episodes in the history of the physical sciences, particularly in the 18th and 19th centuries. Its primary purpose is to provide training in reading primary sources and in the understanding of past conceptual structures.

HPSC3020**Philosophy of Natural Sciences**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The aim of this advanced (third-year) course is to explore the relationship between philosophy and the natural sciences, with a focus on key issues in the history and philosophy of modern life sciences, chemistry and physics.

HPSC3027**Evolution in Science and Culture**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course offers a historical survey of evolutionary thinking from the Enlightenment to the present.

HPSC3028**Advanced Topics in Philosophy of Medicine**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course investigates how discoveries are made in medicine.

HPSC3029**Medicine, Disease and History**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course addresses the changes and developments in Western medicine from the Ancient Greek world to 1700.

HPSC3030**Science and Global History**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the history of medieval Islamic and western Christian science from a comparative perspective and focuses on the transfer of knowledge from the Ancient Greek world to the Arabic and then the Latin West.

HPSC3032**Investigating Contemporary Science**

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

STS aims to provide students with skills to analyse trends in science and technology. On this course, students use and develop these skills to investigate deeply, assess and present their findings on a chosen issue in the contemporary politics of science.

HPSC3034**Science, Art and Philosophy**

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the interactions between science and art from the mid-19th century to the present. Its philosophical focus is the notion of "representation", conceived as a crucial common link between scientific and artistic visual practices.

SCIENCE AND TECHNOLOGY STUDIES GLOBAL CITIZENSHIP PROGRAMME

The Global Citizenship programme draws on UCL's expertise in science studies, history, politics, media studies, sociology and anthropology, to enable you to understand citizenship both as a significant intellectual concern of our time, and as a programme of action that will empower you to make changes for a better world.

Why study on the Science and Technology Studies Global Citizenship Programme at UCL?

This programme is designed to allow you to draw on, and work with, many experts and professional institutions engaged in science and citizenship issues across UCL and the vibrant capital city of London itself.

What will you gain from study at UCL?

Our core courses are designed to equip you with a critical and practical sense of what it means to be a global citizen in the 21st century, and reflect UCL's deliberately global and wide-ranging quest for excellence. These courses are complemented with a choice of optional courses taken from across the university, providing you with a truly interdisciplinary academic experience.

Teaching and assessment

Teaching will be in lectures and seminars. Assessment is by examination and coursework. Alternative assessment is available for students not attending the full year.

Full-year students on the Global Citizenship programme must take the **Global Citizenship in Action** course, and at least two further courses from within the **Global Citizenship** provision. They may then choose one course from those offered across the whole of UCL, and make up the remainder of their credits from other **Global Citizenship** courses, or from courses in other UCL departments included in the prescribed list below. **Fall Term or Spring/Summer Term** students will take half the number of credits from those courses running in the terms attended.

Level 2 courses

HPSC2014

Science Policy Issues in Global Perspective

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores questions of privacy, communication and democratic involvement, with special reference to new digital and surveillance technologies.

HPSC2016

Globalization in Theory and Practice

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will explore science, technology and globalization from a theoretical perspective and with reference to specific case studies.

HPSC2017

Global Citizenship in Action

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

An action-based group-work course in which students develop and implement a project via which they, and a wider community, enhance citizenship and leave a legacy of new understanding, better practice or improved social relations.

Level 3 courses

HPSC3030

Science and Global History

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the history of medieval Islamic and western Christian science from a comparative perspective and focuses on the transfer of knowledge from the Ancient Greek world to the Arabic and then the Latin West.

Optional courses

For full course descriptions, please see the listings under the home departments in this guide and online.

Arts and Humanities

PHIL1016

Introduction to Political Philosophy

PHIL2032

Applied Ethics

PHIL3031

Global Justice and Health

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

Contact name

Programme Administrator
EMAIL global-citizen@ucl.ac.uk
TEL +44 (0)20 7679 3763

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Biological Sciences, page 91
- Science and Technology Studies, page 116
- Anthropology, page 136
- Geography, page 145
- History, page 148
- Political Science and International Relations, page 154

Mathematical and Physical Sciences

GEOL1003

History of Life

HPSC1001

History of Science

HPSC1004

Science Policy

HPSC1010

Revealing Science

HPSC1011

History of Modern Science

HPSC2001

Policy Issues in the Life Sciences

HPSC2002

Science in the Mass Media

HPSC2023

Sociology of Science and Technology

HPSC3002

Science, Warfare, and Peace

HPSC3032

Investigating Contemporary Science

Social and Historical Sciences

ECON1006

History of Economic Thought

GEOG1007

Global Geographies

GEOG2009

Environment and Society

GEOG2014

Development Geography



GEOG2019

Political Geography and Geopolitics

GEOG2024

Cultural and Historical Geography

HIST7401

History of Parliament

POLS6001

Introduction to British Politics

POLS6005

Introduction to International Security

POLS6006

Politics of the EU

POLS6007

International Development and Public Policy

POLS6008

Gender and Politics

POLS6009

Global Environmental Politics

POLS6010

International Relations Theories: Continental Perspectives

POLS6014

International Organisations

School of Slavonic and East European Studies

SESS2101

The History of European Political Ideas

SESS2102

Politics and Society in Central and Eastern Europe

SESS2105

Democracy and Democratisation

STATISTICAL SCIENCE

Statistical Science is the essential logic of scientific research. In planning surveys and experiments, validly interpreting data, and producing estimates, forecasts and decisions, the advance of science relies on the principles of statistics and the art of the statistician.

Why study Statistical Science at UCL?

The department has played a major role in the development of statistical science ever since its foundation in 1911 as the Department of Applied Statistics – the first such department in the world. Its present staff continue to make important contributions. Their interests cover a wide spectrum, from the foundations of statistics to applications in finance, industry, science and medicine.

What will you gain from study at UCL?

You will have the opportunity to study both theoretical and practical aspects of statistics. Theoretical concepts are illustrated by real-world examples and courses on the practical use of statistical software are offered. You may also pursue personal interests through advanced, specialist courses on the application of statistics in subjects such as medicine and finance.

Teaching and assessment

Most courses consist of lectures supplemented by at least one of the following: tutorials, workshops, problem classes. Assessment is mostly by end-of-year examinations. A few courses are assessed on project work.

Level 1 courses

STAT1004

Introduction to Probability and Statistics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an accessible and application-oriented introduction to basic ideas in probability and statistics.

STAT1005

Further Probability and Statistics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces a formal framework for the study of probability and statistics, building on the intuitive concepts introduced in STAT1004.

STAT1006

Introduction to Practical Statistics

Availability
Year

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide training in the basic skills of practical statistics using the MINITAB statistical computing package for data analysis and simulation.

Level 2 courses

STAT2001

Probability and Inference

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course continues the study of probability and statistics beyond the basic concepts introduced in STAT1004, STAT1005, and STAT1006, covering formal concepts and methods in estimation.

STAT2002

Linear Models and the Analysis of Variance

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to linear statistical modelling and to the analysis of variance with emphasis on ideas, methods, applications and interpretation of results.

STAT2003

Introduction to Applied Probability

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to the study of systems that change state stochastically with time, plus development of skills in the application of probabilistic ideas.

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

Contact name

Statistical Science Affiliate Tutor
EMAIL
studyabroad@stats.ucl.ac.uk
TEL +44 (0)20 7679 1872

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Mathematics, page 105
- Economics, page 142

STAT7001**Computing for Practical Statistics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to extend students' practical experience of statistical packages, and to use these packages to gain further understanding of ideas and methods already taught. Students will also gain experience in the techniques used in data analysis.

STAT7002**Social Statistics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to the basic mathematical aspects of sample survey design and statistical analysis, practical considerations in carrying out a survey, and to some key concepts in measurement theory.

STAT7003**Optimisation Algorithms in Operational Research***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to the ideas underlying the optimal choice of component variables, possibly subject to constraints, that maximise (or minimise) an objective function.

Level 3 courses**STAT3001****Statistical Inference***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides a grounding in the theoretical foundations of statistical inference and, in particular, introduces the theory underlying statistical estimation and hypothesis testing.

STAT3002**Stochastic Systems***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course continues the study of random processes started in STAT2003, but with the emphasis now on Operational Research applications and including queuing theory, renewal and semi-Markov and reliability theory.

STAT3003**Forecasting***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces methods of finding and extrapolating patterns in time-ordered sequences.

STAT3004**Decision and Risk***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to the ideas underlying the calculation of risk and the structure of rational, consistent decision making.

**STAT3005****Factorial Experimentation***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces 2k experiments, fractions, blocking and designs for response surface modelling. Experimental designs to achieve quality control, including Taguchi ideas, will be discussed.

STAT3006**Stochastic Methods in Finance***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course introduces mathematical concepts and tools used in the finance industry, in particular stochastic models and techniques used for financial modelling and derivative pricing.

STAT3008**Medical Statistics I***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to the fields of clinical trials and epidemiology, with emphasis on the statistical ideas and methodology most widely used in these areas.

STAT3009**Medical Statistics II***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides a continuation of the study of medical statistics started in STAT3008, with emphasis on more advanced topics in epidemiological methods and the design and analysis of clinical trials.

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 both 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. I was able to travel all over Europe while studying at UCL. I was also 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 D.C., USA

INFECTION AND IMMUNITY

The Division of Infection & Immunity has a long tradition of expertise and achievement. Our mission today is the study of human infectious and autoimmune diseases. We aim to translate our discoveries into improved approaches to diagnosis and treatment and to provide an outstanding research and teaching environment.

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. Our staff are committed to providing the highest standard of teaching and our cutting-edge research is used to inform and shape the courses you will take.

What will you 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 supporting materials. Effective and supportive mentoring is provided through course tutors and a Teaching Administrator who acts as a central information and referral point.

Teaching and assessment

The division is committed to maintaining a diversity of assessment methods. For visiting students, assessment will usually be by coursework (essays, data handling exercises, presentations). However, some courses may also have an unseen examination.



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

Contact name

Dr Richard Milne
EMAIL richard.milne@ucl.ac.uk
TEL +44 (0)20 7830 2997

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Biomedical Sciences and Neuroscience, page 94



Level 2 courses

IMMN2001

Immunology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

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

INFN2001

Infection

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course will provide a balanced overview of the infections of humans, to include bacteria, viruses, fungi, and parasites.

Level 3 courses

INIM3002

Immunology in Health and Disease

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an overview of immunology.

INIM3003

Infectious Agents

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

A research-led state-of-the-art review of infection: students will learn the language and concepts of the field through critical discussion of recent papers.

INIM3004**Cellular Pathology***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course encompasses the mechanisms by which dysfunction of cellular processes contributes to the pathogenesis of disease. It provides understanding of key cellular processes and dysfunctions, and introduces experimental approaches for studying.

INIM3005**Immunodeficiency and Therapeutics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

On this course, both genetic (primary immunodeficiency) and environmental (secondary immunodeficiency) causes of impaired immunity will be discussed, together with the consequences for the patient of such deficiencies.

INIM3006**Allergy, Autoimmunity and Transplantation***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on the mechanisms by which the immune system can cause diseases by inappropriate immune responses against foreign and self antigens or transplanted tissues.

**INIM3007****Viruses and Disease***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Drawing on a major strength in experimental and clinical virology at UCL, this course is centred on the idea that an understanding of basic virology is essential for understanding viral disease.

INIM3008**Microbial Pathogenesis***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Builds on the foundations of INIM3003 (Infectious Agents), with a particular focus on bacterial, fungal and parasitic pathogens that cause human disease. It covers the role of microbial virulence factors and the host pathogen interactions that mediate disease.

INIM3009**Neoplasia and its Treatment***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course 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***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide an up-to-date insight into molecular virology, with particular focus on human pathogens and new research developments in the field.

POPULATION HEALTH SCIENCES

“

I chose UCL because of its global reputation for producing an educationally elite student body that's both career and goal-oriented. UCL had the global connections to help make my year abroad much more than just an enriching educational experience. The people I've met, connections I've made, and places I've seen will stick with me long after this year is over. Studying abroad has allowed me to view my degree through global lenses, and I'll carry that forever.

Living in London means you're constantly networked to the world. You couldn't ask for more resources – whether for research or fun. It's truly impossible to be bored in London. I couldn't have hoped for a better study abroad experience. UCL has given me everything I wanted and more.

”

Shaun Burdette
University of Pennsylvania
Philadelphia, USA

GLOBAL HEALTH

UCL is a leading centre in the teaching of global health. It offers an interdisciplinary programme that enables you to approach complex problems of health and development from different viewpoints, and facilitates an understanding of the actors and issues influencing health and health policy in different countries.

Why study Global Health at UCL?

UCL has pioneered the teaching of global health to undergraduates. You will be taught in a stimulating forum for debate and academic collaboration by leading academics and practitioners in the discipline, many of whom have produced cutting-edge research or worked for government or high-profile non-governmental organisations.

What will you gain from study at UCL?

You will gain a unique insight into the dilemmas facing organisations working in global health and development such as governments, international organisations, NGOs and philanthropic organisations. The programme stresses the importance of understanding the economic, social and political influences on health worldwide, taking students to the heart of debates about contemporary world events. You will be challenged to think independently and contribute to debate.

Teaching and assessment

Assessment methods include oral presentations, essays, poster presentations, and written examinations. Students coming to UCL for the Fall Term only will be assessed in each course slightly differently from full-year students.

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

Contact name

Caroline Smith
EMAIL caroline_smith@ucl.ac.uk
TEL +44 (0)20 7905 2126

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Anthropology, page 136
- Economics, page 142
- Geography, page 145
- Political Science and International Relations, page 154

Core courses

CIHD3001

Global Health Policy

Availability
Year, Fall Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

An introduction to the global health policy environment and the actors who influence it. It involves analysis of the key stakeholders in policy formulation and their involvement in changing patterns of healthcare provision.

CIHD3002

Health, Poverty and Development

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides students with an understanding of key issues in global development (such as poverty, aid and trade) combining perspectives from health, politics, economics, sociology and anthropology to do so.

CIHD3003

Conflict, Humanitarianism and Health

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides students with an understanding of violent conflict and its causes and health consequences. It also introduces them to some of the key debates about the humanitarian response to conflict, including its effectiveness and the role of the military.

CIHD3004

Global Communicable and Non-Communicable Diseases

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to global patterns of both communicable and non-communicable diseases. Students will learn about the control and management of these diseases, and the political, economic and social factors that influence them.

CIHD3005

Global Maternal and Child Health

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course outlines the health problems facing mothers and children across the world. It focuses particularly on maternal, neonatal and child health and the factors that have caused improvements and setbacks in indicators of these conditions.

CIHD3006

Anthropological Perspectives on Global Health

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the creative tension between the positivism of biomedicine and the more interpretative perspectives of social anthropology. Students are introduced to classical and current issues, concepts and topics in the anthropology of global health with this tension as a central thread.

SLAVONIC AND EAST EUROPEAN STUDIES



UCL is one of the best universities in the world, and proved to be very warmly welcoming and intellectually giving. I enjoyed the opportunities I had and the chance to meet so many excellent specialists. The School of Slavonic & East European Studies is known to be a world-class place for Slavonic studies and it proved to be so: it has great specialists, a rich library and an inspiring atmosphere. There are interesting seminars and workshops offered by the Graduate Society for Researchers in the School of European Languages, Culture & Society and the Centre for Multi-disciplinary & Intercultural Inquiry.

I consider my experience at UCL a huge step in my academic development that will reflect on my future as a scholar. Studying in London is very rewarding; there are a lot of experts with whom one can connect and the incredible British Library is nearby.



Katherina Kokinova
Sofia University, Bulgaria

SLAVONIC AND EAST EUROPEAN STUDIES (SSEES)

SSEES is a world-leading institution for the study of Central, Eastern and South-East Europe, and Russia. We have a strong international profile among our staff and students and an unrivalled range of expertise across four areas: Economics and Business; History; Languages and Culture; Politics and Sociology.

Why study Slavonic and East European Studies (SSEES) at UCL?

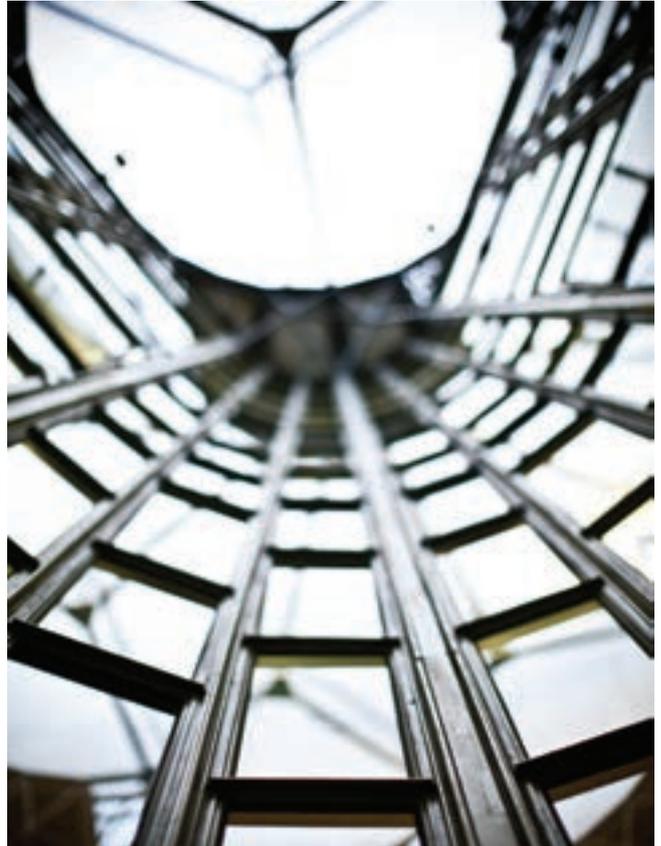
The SSEES Library holds a major international collection of over 400,000 books, journals and film resources. Study at SSEES is enriched by frequent visits and lectures by prominent political, artistic and academic figures. SSEES is located in the centre of multi-cultural London, near the British Museum and the British Library.

What will you gain from study at UCL?

Studying at UCL will offer you the opportunity to draw on the unique multidisciplinary expertise of the school to develop your intellectual abilities and key skills, and enable you to acquire the independence of living abroad and the intercultural competence gained from study in an international environment.

Teaching and assessment

You will attend weekly lectures, seminars, discussion groups and/or language classes. Assessment may be in the form of assessed coursework and essays, written and/or oral examinations.



Economics and business courses

ECONG207

International Macroeconomics

Availability
TBC

Credit Value
4 (US) 7.5 (ECTS)

The objective of this course is to provide students with an introduction to the current frontier of research in international macroeconomics. It will try to get them to shift from being passive absorbers of others' work to active participants in such research. It will do so by encouraging them to suggest new ways to attack long-standing issues in international macroeconomics.

SEES2001

The Emerging Market Economies of Eastern Europe and Russia

Availability
Year, Fall Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

The course aims to provide an overview of the key issues relating to the intertwined processes of institutional and economic change, with special reference to the process of transition from central planning to the market economy in Central and Eastern Europe.



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

Contact name

Lisa Walters
EMAIL l.walters@ucl.ac.uk
TEL +44 (0)20 7679 8830

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- European Languages, Culture and Society, page 33
- Economics, page 142
- History, page 148
- Political Science and International Relations, page 154

SESS2005**Topics in Microeconomics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to develop the student's ability to use some fundamental tools of microeconomic analysis and to apply them to a wide range of economic problems.

SESS2006**European Macroeconomics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A course in intermediate macroeconomic theory providing a core foundation for advanced studies. Its objective is to provide a clear and coherent account of contemporary macroeconomics as applied in the European setting.

SESS2009**New Venture Creation***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an overview of the key issues related to entrepreneurship and small business and links these issues to Central and East European countries.

SESS2010**Applied Econometrics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course is designed to develop students' ability to understand and interpret quantitative results in the empirics of economics and business.

SESS2011**Political Economy of European Integration***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course aims to introduce students to the main political economy issues of European integration.

SESS3001**Growth and Convergence: With Reference to Eastern European and Russian Economics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an insight into the empirical analysis of growth models and an understanding of the empirical approach to the growth models in the East European, Russian and Asian economies.

SESS3003**Industrial and Corporate Change with Reference to Central and Eastern Europe***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course will familiarise students with the large number of topics at micro (corporate) and meso (industry) levels which have strong effects on patterns of restructuring and growth in countries of Central and Eastern Europe.

SESS3005**Topics in Financial Management I***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This advanced course describes the theory and practice of corporate finance and what financial managers do and why, and what financial managers should do to increase company value.

SESS3008**Topics in Financial Management II***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers the advanced topics in corporate finance, including Market Efficiency, Risk Management and Investment and Financing Decisions. Topics in Financial Management I is a prerequisite.

SESS3009**The Economics of Entrepreneurship***Availability*
TBC*Credit Value*
4 (US) 7.5 (ECTS)

The Economics of Entrepreneurship offers an economics perspective on the entrepreneurship, analysing how economic incentives affect entrepreneurial behaviour, and how the entrepreneurial behaviour in turn affects the broader economy.

History courses**SEHI0005****History of Eastern Europe since 1856***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course analyses the history of Eastern Europe from the end of the Crimean War to the 21st century.

SEHI2002**Crown Church and Estates in Central Europe 1500–1700***Availability*
Year, Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Examines how the Habsburg rulers began the process of recovering the authority of the crown, which by the 17th century had obtained a high degree of confessional uniformity within its territories and completed the expulsion of the Turks from Central Europe.

SEHI2006**Successors to the Habsburgs: East-Central Europe, 1914–1945***Availability*
Year, Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course investigates the problems caused by the collapse of Austria-Hungary and the creation of new states in East-Central Europe (Austria, Czechoslovakia, Hungary, Poland, Romania, Yugoslavia).

SEHI2007

The Rise and Fall of Yugoslavia*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course offers a survey of Yugoslavia's political history, together with relevant diplomatic, economic and social issues.

SEHI2008

The Fall and Rise of the Polish Nation, 1648–1921*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course charts the changing meanings of 'Poland' and 'Polish' over an extended period, the protracted decline and fall of one 'Polish' state and the extended struggle to resurrect another.

SEHI2009

Media, Culture and Society in the Soviet Union from Stalin to 1991*Availability*
Year, Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the history of the Russian Empire and the Soviet Union from 1856 to the collapse of the Soviet Union 1991.

SEHI3010

Czechoslovakia in the Age of Extremes, 1918–1993*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the history of Czechoslovakia from the creation of an independent state to the separation of the Czech and Slovak states, concentrating on political developments and the various regime changes.

SEHI6008

History of Russia to 1598*Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

A broad survey of developments in political, social and cultural history from the ninth to the end of the 16th century.

SEHI6011

History of Modern Germany, 1815–1990*Availability*
Year, Fall Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course will provide a survey of modern German history from 1815 to the unification of the two German states in 1990.

SEHI7005

Themes in Romanian History: From Dacians to Democrats*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

An introduction to the main themes in the history of the Romanian people.

SEHI7009

The Age of Extremes in the Balkans*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

In his famous book, *The Age of Extremes: The Short 20th Century, 1914–1991*, Eric Hobsbawm describes the disastrous failures of state communism, capitalism, and nationalism. Nowhere was the tragedy of the 20th century more apparent than in the Balkans.

SEHI7010

History of the Soviet Union*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the history of the Soviet Union from the 1917 Revolution to the collapse of the USSR in 1991.

Languages and culture courses

SEEE1005

Culture in Eastern Europe: Anthropological Approaches*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course offers a general introduction to culture in Eastern Europe, applying the 'culture' concept, encompassing cultural norms and values, and patterns of human behaviour, thought and expression, which are shared by people as members of society.

SEEE2006

How Words Work: Sound and Sense*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on the sounds of different languages: how they pattern and how artistic manipulation exploits these different patterns in different ways, creating secondary, 'poetic' or 'artistic' patterns.

SEEE2007

How Words Work: Meaning and Modularity*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Course discussions will centre on meaning: where it is found, how it is made.

SEEE2009

Narratives of Exile*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

A course examining the concept of exile and its mythological, cultural, historical and psychological parameters, drawn from 20th century Russian and Czech literature.

SEEE2010

Tales of the Unexpected: The Supernatural and Fantastic in Literature, 1800–1930*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

A chance to explore the development of the supernatural and fantastic in European literature, from fairytales to science fiction.

SEEEXXXX

Level 1 Language*Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

Normally available in: Bulgarian, Czech, Finnish, Hungarian, Polish, Romanian, Slovak and Serbian/Croatian (Russian language is provided separately).

SEEF2003

Finland: Environment, Society and Culture*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course seeks to provide a broad introduction to this small nation state. The central theme of the course will be the question of national identity: how has it been achieved, and in what conditions and circumstances?

SEEP2012

Contemporary Polish Cinema*Availability*

Year, Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

A course which analyses themes in Polish cinema explored since the end of World War II.

SERS1009

Russian Level 1 (A)*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

This introductory Russian course is designed for students with no prior knowledge of the language.

SERS1010

Russian Short Prose*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

An introduction to Russian prose of the 19th and 20th centuries. A varied selection of texts are studied, ranging from Aleksandr Pushkin's *Pikovaia dama* to Liudmila Petrushevskaja's *Slova and Medeia*.



SERS1012

Representations of Russia*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

An introduction to key aspects of Russian society and culture through the study of how Russia is conceptualised, represented and mythologised in a range of modes and genres, including intellectual history, literature, film, theatre and art.

SERS1013

Russian Cinema: History, Politics, Society*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

This course offers a selection of films which illustrate the importance of cinema as an indicator of change. Chronologically, it ranges from the pre-revolutionary period to the post-Soviet 1990's.

SERS1016

The Making of Modern Russian Culture*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

An introduction to the development of Russian society and culture from the beginning of the 20th century to the present day.

SERS2012

Russian Cinema: Men and Women*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

This course focuses on how Russian and Soviet cinema has sought at all stages to reflect debates about the changing role of women and men in society, charting shifts in gender relationships.

SERS2020

The Person, Love and Utopia in Russian Thought*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

This course studies the Russian tradition of thought from the Enlightenment at the end of the 18th century through to the early 20th century.

SERS2024

The Petersburg 'Text' in Russian Literature and Culture: From Romanticism to Modernism*Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course looks at the literary and cultural histories of St Petersburg, its mythologies and urban geography; as represented in a range of fictional and non-fictional texts.

SERS4016

Russian Cinema: Innovation and Experiment*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

The films covered in this course belong to the experimental tradition in 20th-century Russian and Soviet cinema, which rejected the cinematic conventions of the day and sought to explore new means of expression.

SERS4027

Russian Literature from the Death of Stalin to the Present: Experiment and Emigration*Availability*

Year, Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course analyses developments in Russian literature after Stalinism, covering major literary texts and events in Russian cultural history from 1953 to the present.

Politics and sociology courses

SESS2101

The History of European Political Ideas*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course introduces students to the major works of modern European political thought, starting with Machiavelli in the 16th century and ending with Arendt in the 20th.



SESS2102

Politics and Society in Central and Eastern Europe*Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

The course examines the establishment, evolution, decay and collapse of the communist system in Eastern Europe.

SESS2103

Russian Politics and Society*Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

The course explains the workings of the Russian political system; the forces which shaped it historically, the operations of its main institutions, and the changes now under way by methods of historical analysis, political science and sociology.

SESS2104

The Making of Modern Ukraine*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The aim of this course is to provide a synthetic study of the history, politics and political economy of modern Ukraine.

SESS2105

Democracy and Democratisation*Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course examines issues relating to democracy and democratisation in different historical and contemporary settings.

SESS2106

Comparative Political Analysis*Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course introduces the core ideas and methods in comparative politics. It focusses on the comparison of post-communist states and the differences between the region and other parts of the world (Western Europe, Africa, Latin America).

SESS2107

Researching Politics and Sociology*Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

This course seeks to provide students with a solid grounding in social science research methods to serve as preparation for writing a social science dissertation.

SESS2109

Politics and Societies of Southeast Europe*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The aim of this course is to look at how the trajectories of the fifteen post-Soviet states have diverged since the collapse of the USSR in 1991, and what they still have in common.

SESS3102

Soviet and Russian Foreign Policy*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course deals with Russian foreign policy from 1917 to the present day, and aims to offer a basic grounding in the aims and results of Russian foreign policy, in the context of changes within Russia and in international politics.

SESS3103

European Security*Availability*

Year, Fall Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course provides an advanced introduction to European security and the complex process of institutionalisation that characterises it.

SESS3202

Baltic Politics and Society*Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course aims to analyse the development of national identity and statehood in Estonia, Latvia and Lithuania in various stages of their histories.

Russian language courses

SERS2011

Russian Poetry*Availability*

Year, Fall Term, Spring Term

Credit Value

2/4 (US) 3.75/7.5 (ECTS)

The course offers an overview of the main trends in 19th century Russian literature through the study of a number of key texts in their literary and cultural context.

SERS2013

Bulgakov*Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

The course offers a survey of the prose and drama of Mikhail Bulgakov (1891–1940), examining major writings from all periods of his career.

SERS4010

Modern Russian Prose Fiction: 1917–41*Availability*

Year, Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course provides a survey of the main developments in Soviet literary history between the October Revolution of 1917 and the Second World War.

SERS4012

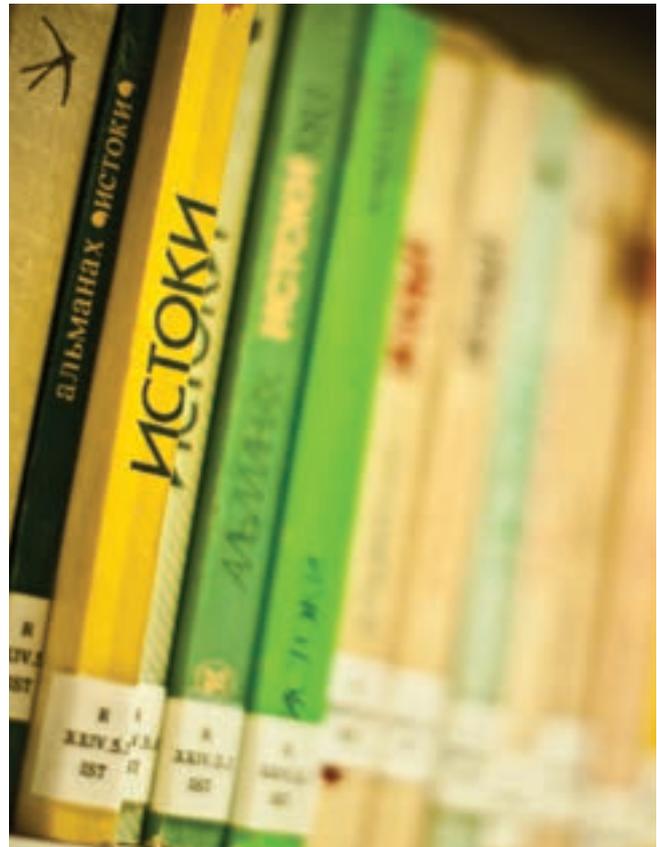
Dostoevskii: Narratives, Ethics and Identity*Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

An in-depth examination of the works of one of Russia's most powerful and influential writers, Fedor Mikhailovich Dostoevskii (1821–1881).



SERS4014

Pushkin*Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

Aleksandr Sergeevich Pushkin is generally acclaimed as Russia's greatest poet, and this is an extensive introduction to his work, covering some 20–30 lyric poems, one longer narrative poem, and other important texts.

SERS4017

Contemporary Russian Cinema*Availability*

Year, Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course looks at the history of Russian filmmaking since 1991. Topics include recent Soviet authorial cinema, the emergence of new stars and attempts to create a successful popular cinema.

SOCIAL AND HISTORICAL SCIENCES



I chose to study abroad because of UCL's global reputation as well as being able to study in the amazing city of London. My favourite part is probably the campus itself, I really love the vibe of the university, there is always something going on and there are so many people around. Nothing can quite describe living in London, it's such a vibrant, bustling city and it really has been amazing to study here. Having access to so many different resources and people has also been really great. Studying abroad at UCL has helped me become a lot more independent and self-sufficient and I think this will really help me in the future.

I would definitely recommend going to UCL! You will not regret it, it's the best decision I have ever made and I have enjoyed every minute. I would most likely consider coming back for graduate study such as a PhD if it suited my career.



Cassandra Austen
University of Sydney
Australia

ANTHROPOLOGY

UCL Anthropology is a top-rated multi-field department offering a wide range of courses in sociocultural anthropology, material culture and physical/biological anthropology. Staff are engaged in cutting-edge research that is used to support our teaching. Our active anthropology student association organises social events, outings, film screenings, etc.

Why study Anthropology at UCL?

The rich offerings of London augment the anthropology teaching. The department not only has its own material culture collections, but has close connections with the British Museum, Natural History Museum, UCL Institute of Archaeology, the British Library and many other London resources. A new digital film laboratory complements the growing sub-field of ethnographic film offerings in the department.

What will you gain from study at UCL?

Studying anthropology you will be immediately integrated into the student culture. All courses are taken with British students, and the wide range of extracurricular activities are open to all students.

Teaching and assessment

Teaching can be by lecture, laboratory, or small seminars. Courses are examined by a variety of methods, including research papers ('essays') laboratory work, and examinations (in May). Students coming for the Fall Term only are examined/assessed in December.

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

Contact name

Dr Ruth Mandel
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Dr Marc Brightman
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TEL +44 (0)20 7679 8652

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Biological Sciences, page 91
- Political Science and International Relations, page 154

Level 1 courses

ANTH1001

Introduction to Material Culture and Visual Culture

Availability
Year, Fall Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

A general introduction to material culture studies.

ANTH1005

Introduction to Social Anthropology

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

Addresses the pre-history and history of social anthropology, principles and types of social organisation, together with aspects of economy, politics, social control, kinship and cosmology.

ANTH1014

Introduction to Biological Anthropology

Availability
Year, Fall Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

An introduction to basic evolutionary biology as applied in anthropology; covering evolutionary theory, socio-biology, introductory primate behaviour, taxonomy and phylogenetic reconstruction.

Level 2 courses

ANTH2003A

Palaeoanthropology A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides a thorough introduction to the biological evidence for human evolution, as well as to the way in which this evidence is analysed and interpreted.

ANTH2006A

Theoretical Perspectives in Social Anthropology and Material Culture A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introduction to social theory.

ANTH2009

Anthropology of the Body

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the human body as a cultural category and explores corporality as an anthropological dilemma.

ANTH3004

Cosmos, Society and the Political Imagination

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Explores people's varied ways of imagining the world around them (their 'cosmologies') and how these relate to different fields of social life, from political action and economic arrangements to religious practice and the experience of art.

ANTH3007A

Medical Anthropology A

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Using data from societies throughout the world, this course covers biomedical and behavioural definitions of disease and illness.

ANTH3020**Social Construction of Landscapes***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course looks at the number of theoretical approaches to the Western Gaze; colonial, indigenous and prehistoric landscapes; contested landscapes; and questions of heritage and 'wilderness'.

ANTH7004**Anthropology of Art and Design***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course is aimed at those who wish to deepen their understanding of art in visual culture.

ANTH7008A**Man and Animals A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course looks at the interrelations of humans with animal populations, focusing on human populations as a selective force shaping environments, wildlife conservation and utilisation; domestication; and diseases shared by human and animal populations.

ANTH7009A**Primate Behaviour and Ecology A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course focuses on the evolution of primate social systems, specifically on the ways in which environmental conditions influence behaviour and an individual's social and reproductive strategies.

ANTH7015**Fishers and Fisheries Anthropology, Aquatic Resources and Development***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Examines man's interaction with fish and other aquatic resources in the context of environmental and developmental change. It will be relevant to anyone interested in natural resources and the environmental challenges to be faced over the next 50 years.

ANTH7018**Human Behavioural Ecology***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This new evolutionary anthropology course examines how human behaviour evolves as a response to different ecological circumstances.

ANTH7020**Anthropologies of Science, Society and Biomedicine***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will critically engage with recent anthropological research and theory addressing the social and cultural context of novel developments in the field of genetics, biotechnology and the life/medical sciences.

ANTH7022A**Human Brain Cognition and Language A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course analyses human cognition from evolutionary and functional perspectives.

STUDENT VIEW**Callie Hitchcock****University of British Columbia, Canada**

I chose UCL because it is ranked fourth in the world and is in the wonderful city of London! I mostly enjoyed the awesome courses and discussion seminars during my studies. I chose the department because I love to study people and the way they think. I am now thinking of pursuing graduate studies in Anthropology.

**ANTH7023A****Ethnography of Forest People A***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course looks comparatively at four key themes in the ethnography of forest peoples.

ANTH7024**From Analog to Digital: Anthropological Knowledge in the Museum***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course surveys the ways in which anthropological knowledge has been collected, stored, produced and organized in museums, with a special focus on the problems and issues that are currently emergent with the increasing place of digital technologies in museums practices of archiving, exhibition and education.

ANTH7026**Anthropology of China***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

China has been in transition from the long rule of Mao Zedong since 1978 when policies of 'reform and opening-up' were introduced. In this course the reform era will be analysed through a variety of themes, including education, social stratification, urbanisation, economic transformations and modernity.

Level 3 courses**ANTH3017****Anthropology and Psychiatry***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines popular understandings of psychology, self-hood and abnormal experience in different societies, together with the relationship between popular and professional notions of 'mental illness'.

ANTH3030

The Anthropology of Nationalism, Ethnicity and Race

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on theories and practices of ethnicity, race and nationalism using contemporary and historical sources.

ANTH3050

Evolution and Human Behaviour

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will study to what extent evolutionary processes (genetic and cultural) explain human behaviour, life history and cultural norms as adaptive responses to their environmental circumstances.

ANTH3057

Ritual Healing and Therapeutic Emplotment

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This seminar will explore healing practices and ‘emplotment’ in therapeutic narratives in small scale societies and modern biomedical settings, focusing on the social production and ethnographic description of healing experiences.



ANTH3058

Ethnographical and Documentary Film Making: A Practice-Based Introduction

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will expand students’ competence in the use of digital media (first acquired in ANTH1010) providing them with more advanced training in quality documentary filmmaking. The course will extend the students’ critical skills of film analysis through the practical application and experience of creating a short film based upon an anthropological research topic (in most instances, a MyStreet film).

ANTH3059

Anthropology of Ethics and Morality

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

In this course we will unpack the problematics of medical anthropology’s engagement with ethics and morality, examining the questions surrounding morality and ethics as a result of developing an academically rigorous and socially engaged discipline, and the effects of taking concerns for well-being and the good life seriously as the focus of ethnographic enquiry.

ANTH3060

Anthropologies of Islam

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course addresses the ethnographic richness, complexity and vitality of Islam both as a lived experience and as a formal religious tradition. Drawing on ethnographies of Islam in Africa, Middle East, Asia, and Europe, the course traces the role Islam plays in contemporary politics, gender relations, conceptions of time and temporality, migration, art and literature, love and romance, etc.

ARCHAEOLOGY

Archaeologists study the past using diverse methods and evidence, from remote prehistory to the recent past, in all parts of the world, above ground, below ground, and under water. UCL's Institute of Archaeology offers unique opportunities to explore this diversity.

Why study Archaeology at UCL?

The Institute of Archaeology is one of the world's largest and most eminent centres for archaeology, with over 70 staff conducting research around the globe. The institute houses a famous archaeological library of c.80,000 volumes, as well as extensive laboratory facilities and teaching collections. London offers unrivalled opportunities to visit museums, exhibitions and public lectures on archaeology.

What will you gain from study at UCL?

You will gain a truly international perspective on archaeology through close interaction with leading researchers from around the world. We offer a wide range of specialist options, unavailable at other institutions, taught in small groups that encourage discussion and hands-on experience.

Teaching and assessment

Teaching methods include lectures, discussions, and practical/laboratory classes. Most assessment is by coursework (essays), however some classes also include an examination. Alternative arrangements are made as needed. Note that some options are offered on a biennial basis, and all run subject to sufficient enrolment, contact the Affiliate Tutor to confirm details.



Level 1 courses

ARCL1002

Introduction to Roman Archaeology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course is taught primarily in a lecture format and offers an introduction to the material culture of the Graeco-Roman world.

ARCL1003A

World Archaeology (i): Evolutionary Origins to the Earliest

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides a broad introduction to cultural, technological, subsistence and social change from Prehistory to the Early Modern Period, through a series of lectures delivered by specialist staff at the institute.

ARCL1003B

World Archaeology (ii): From Early States to Globalization

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides a broad introduction to cultural, technological, subsistence and social change from Prehistory to the Early Modern Period, through a series of lectures delivered by specialist staff at the institute.

ARCL1004

Introduction to Greek Archaeology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is taught primarily in a lecture format and provides an introduction to the archaeology and material culture of the Greek world from the Bronze



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

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Greek and Latin, page 42
- History, page 148

Age to Byzantium.

ARCL1009

Introduction to Egyptian and Ancient Near Eastern Archaeology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers the main developments which took place in Western Asia from the Neolithic to the Achaemenid period. Major issues such as the beginning of farming, urbanism and the development of Empires will be covered.

ARCL1010

Introduction to European Prehistory

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course provides an overview of the nature of prehistoric Europe from its first peopling about one million years ago until the impact of Rome during the first century BC.

ARCL1014

Introduction to Archaeology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

An introductory overview of the emergence of archaeology as a discipline, beginning with a history of human curiosity about the past, moving through the age of antiquarian enquiry and closing with a consideration of the development of modern archaeology.

ARCL1017

People and Environments

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will introduce various, mainly life-science oriented, approaches to the archaeological analysis of human beings and of past environments, resources and subsistence.

ARCL6002

Ancient Egypt in London

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will study the history, archaeology, art, religion and people of ancient Egypt from the first developing civilisation of the Predynastic period through the age of the great pharaohs as represented in London museums.

ARCL6003

London Before the Great Fire

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course covers the origins of Roman London to the devastating fire of 1666, which destroyed the medieval city. It offers a unique opportunity to see some of the hidden, inaccessible or overlooked gems of London's past.

Level 2 courses

ARCL2019

Public Archaeology

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The role of archaeology in the development of concepts of 'Heritage' will be considered on a worldwide basis and issues raised at a theoretical and practical level discussed. Please note that a compulsory fieldtrip will be held in the second Reading Week.

ARCL2024

Middle Egyptian Language and Texts

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

Topics include: Middle Egyptian orthography, morphology, and sentence structure, and the reading of short inscriptional passages, and short passages of Hieratic text in conventional hieroglyphic transcription.

ARCL2026

The Emergence and Spread of Modern Humans

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course will examine issues which include: the emergence of symbolic behaviour and "modernity" in the archaeological record; the adaptations of hunter-gatherers to the harsh environments of the last glacial period; the analysis and interpretation of Palaeolithic art; the colonization of Australia and the Americas; and the transformations in hunter-gatherer societies prior to the beginnings of farming.

ARCL2028

Current Issues in Archaeological Theory

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The aim of this course is to provide students with an in-depth and sophisticated understanding of the major contemporary trends in archaeological thought.

ARCL2037

Interpreting Archaeological Evidence

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course presents an introduction to the principles of interpreting archaeological evidence.

Level 3 courses

ARCL2007

Greek Art and Architecture

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course provides an introduction to Greek painting, sculpture and architecture in the period c. 800–50 BC. In the context of a broadly chronological survey, particular attention will be paid to the relationship between Greek art and social history.

ARCL2012

Archaeology of Ancient Egypt

Availability
Year, Fall Term, Spring Term

Credit Value
4/8 (US) 7.5/15 (ECTS)

This course offers an advanced understanding of major issues in Egyptian Archaeology. It is taught in a mixed seminar and lecture format over two terms and includes museum classes.

ARCL2029**Archaeology of Mesoamerica***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course investigates the Classic Period civilisations of Mesoamerica through archaeology, art and the written record, and explores what we can learn from these cultures.

ARCL2039**Ancient Civilisations of Andean South America***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course combines archaeology, material culture studies, and ethnohistory to examine the rise and fall of complex Pre-Columbian civilisations of the Central Andes of South America.

ARCL3001**Archaeometallurgy***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course introduces the origins and evolution of metallurgy up to the Renaissance, with an emphasis on the information contained in archaeological remains.

ARCL3004**Archaeological Ceramics***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

In this course students will have lectures and handle clays in order to gain a better understanding of the structure and properties of clay minerals and pottery manufacturing techniques.

ARCL3031**The Archaeology of Human Remains***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

The course aims to introduce students to the main issues in our understanding of the biology of past human populations and to the techniques for the recovery, identification and study of archaeological human remains.

ARCL3035**Archaeology of Early South Asia***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

The course will cover aspects of the archaeology of the Indian Subcontinent (comprising the modern nations of India, Pakistan, Nepal, Sri Lanka, and parts of Afghanistan), from the Mesolithic / Neolithic, through the Bronze Age, to appearance of iron in the late second, to early first millennium BC.

ARCL3043**Maya Civilization***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

An in-depth examination of Maya civilization, through a critical appraisal of recent developments in archaeology, ethnohistory and ethnography of the Maya region, and the interpretation of hieroglyphic inscriptions.

ARCL3051**The Archaeology of Mesopotamia***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

Develops students' knowledge and understanding of ancient Mesopotamia, the area covered today principally by the state of Iraq and, to a lesser extent, of ancient Syria, Turkey, Iran and the Gulf, in the period from 5,000 to 300 BC.

ARCL3062**Art and Archaeology of Ancient China***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course covers the period from prehistory to the Bronze Age (c. 6000–300 BCE).

ARCL3065**Selected Topics in the Archaeology of the Later Roman Empire***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course will examine selected aspects of the archaeology of the Later Roman Empire (c. AD 300–700).

ARCL3074**The Emergence of Bronze Age Aegean Civilisation***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

An introduction to, and overview of, civilisation in the Aegean from c. 7000 BC to the end of the Bronze Age.

ARCL3092**Economy and Trade in the Mediterranean Iron Age***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course aims to provide an overview on Mediterranean interaction during the Iron Age by concentrating on trade contacts and economic relations, visible in the material culture of various Mediterranean regions.

ARCL3093**Microscopy and Dating of Archaeological Materials***Availability*

TBC

Credit Value

4 (US) 7.5 (ECTS)

The course will give an overview of dating methods based on radioactive decay, accumulation of radiation damage, seasonal events and chemical processes. There will be more detailed coverage of radiocarbon and dendrochronological dating, the latter including practical experience.

ARCL3098**The Age of Stonehenge***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course will explore Stonehenge and other monumental constructions within their social, cultural and landscape context, allowing Stonehenge to be understood within the world of prehistoric Britain and Europe.

ECONOMICS

UCL Economics achieved top ratings for internationally excellent research in the 2008 UK government assessments and holds the maximum scores for quality of teaching. The department encourages students to engage in independent thought and analysis by providing teaching of excellent quality, informed by current research.

Why study Economics at UCL?

As well as being taught by highly qualified staff at the frontiers of international research, you will be welcomed in a friendly department alongside full degree students and offered support and guidance by a dedicated Affiliate Student Office.

What will you gain from study at UCL?

The department's course schedule is reviewed annually to ensure it includes the latest developments over all areas of modern economics. You are encouraged to pursue a programme of study tailored to your own interests and goals within the confines of your home degree programme.

Teaching and assessment

Teaching combines formal lectures with intensive tutorial classes. Assessment is by examination, held in December for Fall Term-only students, and in May for full-year and Spring/Summer Term students. Course availability is subject to change.



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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Administrators
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Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £15,660
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Slavonic and East European Studies, page 129

Additional note for applicants

Further information about this programme can be found at:

www.ucl.ac.uk/economics/undergraduate/affiliates

Please note that the courses listed below under Level 2 and 3 are only available to students admitted to the Economics Department.

Level 1 courses

ECON1006

History of Economic Thought

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

Provides an exciting opportunity to participate in the revival of interest in the history of economic thought which is now occurring in response to the current financial and economic crisis.

ECON6003

Money and Banking

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to enable students to apply both microeconomic and macroeconomic analysis to the assessment of current debates on financial and monetary issues.

Level 2 courses

ECON2001

Microeconomics

Availability
Year

Credit Value
8 (US) 15 (ECTS)

Covers the core concepts and methods of microeconomics including theory of the firm, consumer behaviour and general equilibrium.

ECON2002

Intermediate Microeconomics: Microeconomics of the Household

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide students with a thorough understanding of core concepts and methods in the microeconomic analysis of household behaviour.

ECON2003

Intermediate Microeconomics: Microeconomics of the Firm

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide students with a thorough understanding of core concepts and methods in the microanalysis of firms and markets.

ECON2004

Macroeconomic Theory and Policy

Availability
Year

Credit Value
8 (US) 15 (ECTS)

Covers core concepts and methods of macroeconomics paying close attention to the relationship between theory and policy.

ECON2005

Closed Economy Macroeconomics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide students with a thorough understanding of core concepts and methods of macroeconomic theory and policy for the closed economy.

ECON2006

Open Economy Macroeconomics

Availability
Spring Term
Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide students with a thorough understanding of core concepts and methods of macroeconomic theory and policy for the open economy.

ECON2007

Quantitative Economics and Econometrics

Availability
Year
Credit Value
8 (US) 15 (ECTS)

Provides students with a thorough understanding of the core techniques of quantitative economics and econometrics, and practical laboratory experience of the application of econometric methods.

ECON2008

Quantitative Economics and Econometrics I

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

Introduces techniques for empirical analysis in both micro and macroeconomics.

ECON7001

Economics of Labour

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide a survey of theoretical and empirical aspects of modern labour economics.

ECON7002

Economics of Finance

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

An overview of UK financial markets and institutions and a comprehensive introduction to the theory of finance.

ECON7004

Economics of Industrial Relations

Availability
Spring Term
Credit Value
4 (US) 7.5 (ECTS)

Aims to provide a balance between the institutional approach that has been followed by students of industrial relations for many years and various modern developments in labour economics.

ECON7005

Economics of the Public Sector

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

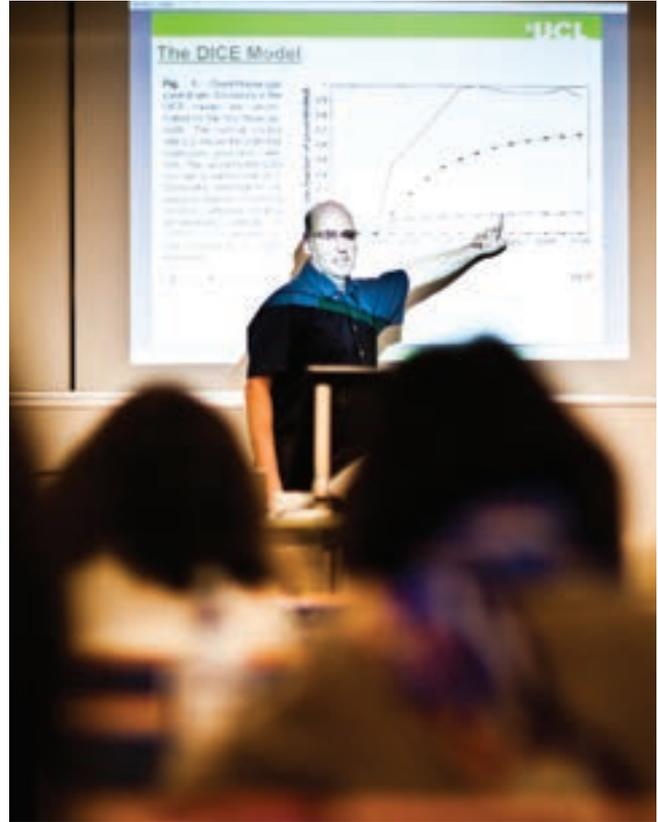
Covers key issues in the field including public goods, public expenditure and public services, using standard tools of theoretical and empirical economic analysis.

ECON7006

Economics of Regulation

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

Provides a foundation in the economics of regulation, both with respect to theory and in relation to the development of policy.



ECON7007

Environmental Economics

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

The focus of the course is on the application of economic theory to issues such as acid rain, traffic congestion, global warming and forest destruction.

ECON7008

Economics of Tax Policy

Availability
Spring Term
Credit Value
4 (US) 7.5 (ECTS)

Provides students with an understanding of the economics of taxation and tax policy, and analytical ability using standard tools of theoretical and empirical economic analysis.

ECON7010

Economics of Development

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

Exposes students to the reality of low-income economies and alternative explanations from an economist standpoint.

ECON7011

Economics of Science

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

Familiarises students with the way in which science and technology interact with the economy on different scales illustrated by empirical data.

ECON7012**Economics of Education***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to expose students to economic reasoning on various aspects of education policy, and to discuss the relevant empirical evidence on the effectiveness of different education interventions.

Level 3 courses**ECON3004****International Trade***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Provides students who have completed intermediate level microeconomics with a framework for understanding modern ideas in the theory of international trade, and to use this framework to analyse the major policy issues of world trade.

ECON3007**Economic Policy Analysis***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

An opportunity to explore the way in which economic theory and evidence can be used to analyse topical policy issues.

ECON3012**Industrial Economics I: Market Structure***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Aims to provide a framework for understanding modern issues in the theory of industrial organisation, in particular firm behaviour and the welfare implications of such behaviour in imperfectly competitive markets.

ECON3013**Industrial Economics II: Dynamic Industrial Organisation***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Investigates the behaviour of firms in the market, combining theory with empirical studies and real world examples.

ECON3014**Game Theory***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to provide an intellectual framework to analyse situations in which the behaviour of agents is driven by strategic considerations and, with a set of analytical tools, to interpret a wide range of phenomena in the social sciences.

ECON3016**Economics of Information***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Explores how agents deal with information asymmetry and studies the effects of information asymmetry on the prevailing market equilibrium.

ECON3019**Issues in Economic Development***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines some of the key analytical approaches to questions in the field of economic development, which broadly speaking is the study of the evolution of economic institutions and outcomes.

ECON3020**Experimental Economics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Covers experimental techniques (design, subjects, laboratories, conducting, data analysis) as well as applications (ultimatum bargaining, risk aversion, competitive markets, oligopoly, (social) learning, auctions, labour markets).

ECON3021**Urban Economics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Shows the most important ways in which economic theory and applied methods have been used to analyse urban economics, and enables students to analyse key issues in the markets for land, housing, and transportation using economic tools.

ECON3022**Ethics in Applied Economics***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Explores the ethical basis of economics, with special reference to applied microeconomics and environmental policy analysis.

ECON3023**Economics of Financial Markets***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

Intended for motivated students interested in developing an analytical understanding of financial economics, this course covers crucial topics including the reasons for price volatility in financial markets, financial fragility, and different types of market microstructure.

ECON3028**Economics of Money and Banking***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to enable students to apply economic principles and models to understand the role of money and banking in the economy and to critically evaluate current debates on competition and regulation in the banking sector.

ECON3029**Advanced Macroeconomics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course covers a variety of economic models that are useful to better understand the trade-offs and conflicts that emerge from the need to coordinate fiscal and monetary policy over time.

ECON3030**Behavioural Economics***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to identify empirically important departures from standard economic models, and use alternative psychology-motivated assumptions to develop tractable models.

GEOGRAPHY

Studying Geography at UCL is a once-in-a-lifetime experience. The goal of study here is to merge understandings of Geography with practical skills. UCL appointed the UK's first Professor of Geography in 1833. Today, our department is one of the largest in the UK, known for both its cutting-edge research and its excellent teaching.

Why study Geography at UCL?

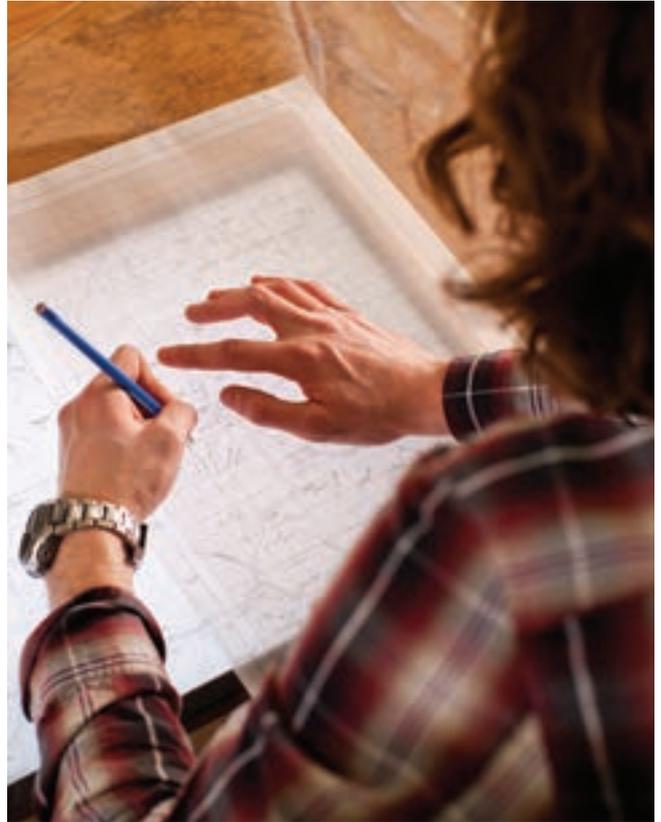
UCL Geography is a centre of research and teaching on the environment, economic/social restructuring, GIS and remote sensing, as well as historical, cultural, and urban geography. Our world-class facilities include computer clusters supporting GIS and satellite image analysis, the UCL Urban Laboratory and a reference map collection. All academic staff teach, providing low staff/student ratios and plenty of choices.

What will you gain from study at UCL?

Skills gained and enhanced in the study of geography are very marketable, combining a vast breadth of understanding with analytical skills and the written expression of ideas and concepts. Teamwork that accompanies work in the field is attractive to employers, as is the confidence gained through independent research and study.

Teaching and assessment

Teaching in the department takes the form of lectures, seminars, tutorials, practical learning, and fieldwork. Assessment is usually by examination, but often also includes coursework. Alternative assessment is available for first-term-only students.



Level 1 courses

GEOG1002

Environmental Systems and Processes

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This introductory course aims to provide a comprehensive understanding of the fundamental systems and processes that interact among the Earth's atmosphere, hydrosphere, lithosphere, and biosphere.

GEOG1004

Human Ecology: Geographical Perspectives

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

In this introductory course, we place special emphasis on the changing relations over time and in space between society and environment, and focus course material around population and resources.

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

Contact name

Dr Alan Latham
EMAIL alan.latham@ucl.ac.uk
TEL +44 (0)20 7679 0525

Availability

Year, Fall Term, Spring Term

Tuition fees

EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.

Related courses can be found in these departments:

- Planning, page 65
- Earth Sciences, page 103
- Anthropology, page 136
- Economics, page 142
- Political Science and International Relations, page 154

GEOG1005

Environmental Change

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This introductory course deals with changes in our physical and biological environment on a variety of timescales, looks into the causes of natural environmental change and examines the progressive environmental impact of people from the last glacial stage up to the present.

GEOG1007

Global Geographies

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course adopts geographical approaches to explore the nature and implications of shifting patterns of global interdependence.

Level 2 courses

GEOG2005

Geomorphology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This is a lecture and practical-based course designed to provide an introduction to the key concepts and application of geomorphology, with particular reference to fluvial and coastal systems.



GEOG2007

Ecological Patterns and Processes

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course examines concepts in ecology relevant to geography, illustrated through examples from both terrestrial and aquatic habitats, and including both plants and animals.

GEOG2008

Reconstructing Past Environments

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to provide students with an introduction to the concepts and techniques useful for studying the nature of past environmental change since the last glacial period to the Holocene.

GEOG2009

Environment and Society

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to the main ideas currently framing the environmental agenda in advanced economies, including sustainable development, the precautionary principle, environmental justice and overconsumption.

GEOG2014

Development Geography

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course reviews the nature and extent of poverty and development theories and policy interventions, with case studies from the world's poorest regions.

GEOG2019

Political Geography and Geopolitics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course aims to give students a critical introduction to a geographical perspective on international, national and local politics.

GEOG2020

Hydroclimatology

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course is designed to develop students' understanding of atmospheric and terrestrial hydrological processes and their interactions.

GEOG2023

Urban Geography

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course will provide students with an introduction to and overview of the sub-discipline of urban geography. It aims to examine the key social, cultural, economic and political dynamics that structure urban life.

GEOG2024

Cultural and Historical Geography

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course provides an introduction to and overview of the fields of social, cultural and historical geography.

Level 3 courses

GEOG3004

Coastal and Estuarine Environments

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The aim of this course is to introduce coastal and estuarine science through an appreciation of the physical processes controlling the morphodynamics of beaches, coastal dunes, cliffs, estuaries, deltas and coastal wetlands.

GEOG3068

Cultural and Historical Geography II: Gendered Geographies

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The course explores the private/public, home/work, and female/male binaries. It challenges the notion of separate spheres but asks how far these categories might nonetheless continue to affect our lives.

GEOG3069

Development Geography II

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The aim of this course is to introduce the students to a theoretically and empirically informed understanding of Asian cities, complementing the current offer in the department in the realm of similar area-based studies. Despite the diversity of the Asian region, this course attempts to extend beyond the sub-regional variations that have generally characterised Asia to develop a discourse of a paradigmatic Asian city.

GEOG3070

Environment and Society II

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

By the end of the course students should be able to: critically evaluate the current practices and discourses of environmental governance; analyse the place of and political rationales for science, markets and people in this governance; and to have an 'informed opinion' on these debates.



GEOG3071

Political Geography and Geopolitics II

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course uses geographical approaches to develop a critical understanding of security. Examining key theoretical, political and ethical issues, it considers how security is enacted across a range of sites and scales; the drivers and effects of security practices; and the ways in which they are experienced, questioned and contested.

GEOG3072

Urban Geography II

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

The course will provide a thorough treatment of comparative urbanism, its history and current state, as well as an introduction to comparative urban methodologies.

HISTORY

UCL’s History Department offers exceptional opportunities; our location in the heart of London, close to some of the finest research libraries in the world, attracts both staff and students from many different countries. It is a friendly place, with a lively communal life.

Why study History at UCL?

We offer a diverse and exciting range of options from ancient Assyria and Greece to contemporary Britain, Europe and the Americas, including political, economic, social, and cultural approaches. We also provide opportunities to explore London history. London offers exceptional primary source resources, including the British Library, Colindale newspaper library and the National Archives.

What will you gain from study at UCL?

You will benefit from small group teaching and one-to-one tutorials, and from our integrated approach in which historians of the ancient world – including the ancient Near East – are part of the department. We also specialise in the history of the Americas (North and Latin), and have strengths in the cultural and religious history of Europe.

Teaching and assessment

Teaching is by lectures and seminars. Assessment is by examination and coursework. Year-long courses may be taken for one term by Fall Term-only and Spring Term-only students, for reduced credit and with alternative assessment instead of the examination. Not all options will be available in any one year, and new courses are regularly introduced; up-to-date information will be available on the web or from the department.



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

| |
|--|
| Contact name |
| Affiliate Tutor EMAIL history.office@ucl.ac.uk TEL +44 (0)20 7679 1340 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £15,660 For full explanation of tuition fees please see page 157. |

Related courses can be found in these departments:

- European Languages, Culture and Society, page 33
- European Social and Political Studies, page 39
- Science and Technology, Studies, page 116
- Slavonic and East European, Studies, page 129
- Political Science and International Relations, page 154

Additional note for applicants

Further information about this programme can be found at:

www.ucl.ac.uk/history/undergraduate/affiliate_students

Courses for History majors

| |
|---|
| HIST2105 |
| Roman Democracy: Myth or Reality? |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

This course examines the controversial question of whether the late Roman Republic was a democracy by investigating Roman politics through the lens of classical political theory.

| |
|---|
| HIST2107 |
| An Economic History of Ancient Greece |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

This course asks whether the evidence for economic development across Greece in the archaic period (c. 750–450 BC) and for the economic systems of Athens and Sparta in the classical period (c. 450–300 BC) supports that characterization or suggests a more complex picture.

| |
|---|
| HIST2108 |
| Understanding the Early Mesopotamian World |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

First we will study how literacy and numeracy developed in the cities of southern Iraq (Mesopotamia), some 5–6,000 years ago, as a means of quantifying, classifying and – perhaps most importantly – controlling the world and thereby changing it.

| |
|--|
| HIST2203 |
| The First European Union? Christendom c.1100–c.1350 |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

The course will think about the nature of Christendom however not only on 'European' terms, but also through the many cultures which interacted and sometimes conflicted with it: Byzantine, Mongol, Mamluk, Kurdish.

| |
|---|
| HIST2302 |
| The Industrial Revolution in Britain |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

This course provides a general, not merely economic, view of the industrial revolution.

| |
|---|
| HIST2414 |
| American History in Hollywood Film |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

This course will analyse the representation of American historical themes and periods in a selection of Hollywood feature films.

| |
|--|
| HIST2418 |
| History, Memory, Democracy: Politics and the Past in Latin America, c.1970 to the Present |
| <i>Availability</i> Year, Fall Term, Spring Term |
| <i>Credit Value</i> 4/8 (US) 7.5/15 (ECTS) |

The class introduces students to key theoretical perspectives on history, memory, and temporality. We then analyse different types of knowledge about the past, their relationship to each other, and to processes of political change.

HIST2420

India and the Global Economy, 1500–Present*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course covers the establishment of the Mughal Empire in the 16th century.

HIST2421

African Cities—Past and Present*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course introduces students to the global and internal forces that transformed Africa and traces the historic antecedents of many of the categories that dominate (and sometimes stereotype) contemporary debates about Africa.

HIST6102

The Near East, 1200–336 BC: Empires and Pastoralists*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course provides an outline of the history of the Near East between c. 1200 BC and 336 BC, covering Egypt, the Eastern Mediterranean coast, Eastern Anatolia, Mesopotamia and Iran.

HIST6105

The Roman Empire from Augustus to Theodosius I*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course covers the period from the creation of the new regime by Augustus to the establishment of Christianity and the separation of the Eastern and Western Empires, approximately 31 BC to AD 410.

HIST6106

The Hellenistic World from Alexander to the end of the Attalid Kingdom*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course covers the period from Alexander to the formation of the Roman province of Asia in 129 BC.

HIST6110

Ancient and Medieval China*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This survey course will provide an overview of the political, social and cultural history of the territories that we now know as China.

HIST6201

Europe in the Early Middle Ages*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course surveys the principal developments of the history of Europe in the early middle ages, addressing particular issues of concern to historians over the past 10–15 years.

HIST6307

Enlightenment and Revolution: Europe 1715–1805*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This course provides an introduction to the history of continental Europe in the 18th century, with a strong emphasis on contemporary intellectual currents.

HIST6405

Europe 1870–1945: Paths through Modernity*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

The course analyses the transition to 'mass society' in Europe between 1870 and 1945, placing an emphasis on the nature of the diverse experiences of 'modernity' that this entailed.

HIST6406

Britain and the Wider World, 1878–1982*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This full-year course will examine the ways in which British policy-makers manipulated their foreign and defence policies to maintain Britain's overseas interests.

HIST6411

History and Politics of Latin America c.1930 to the Present*Availability*

Year, Fall Term, Spring Term

Credit Value

4/8 (US) 7.5/15 (ECTS)

This year-long course examines Latin America since c.1930. The continent will be considered as a whole during the first part of the course. The second term will be devoted to in-depth studies of selected countries.

HIST7014

History of Asian Medicine*Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course aims to provide knowledge of the background and development of key concepts and practices in the history of Chinese medicine, with a secondary focus on the history of Tibetan and/or Indian medicine.

HIST7101

Women in Antiquity*Availability*

Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course focuses on women in Ancient Near Eastern societies.

HIST7104

Slavery in the Classical World*Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course seeks to study slavery in the context of the societies of Greece and Rome, while remaining aware of the influence of developing modern debates and concerns on the subject.

HIST7212

The Friars in the Medieval World*Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

The early 13th century saw the foundation of a group of religious orders that would revolutionise many aspects of medieval religious, cultural and intellectual life. This course focuses on the two largest of these orders, the Dominicans and the Franciscans.

HIST7334

Emergence of the State: The History of European Political Thought in the 17th and Early 18th Centuries*Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course focuses on the most dominant and important political discourses of the 17th and early 18th centuries.

HIST7335

State, Sovereignty and Liberty: The History of European Political Thought in the Eighteenth Century*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus on the most important political discourses of the 18th century.

HIST7339

The Human and its Others: Enlightenment Ideas of Ethnicity and Race*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines early modern ideas about human nature and ethnicity in the wake of encounters with unfamiliar cultures and new scientific and commercial endeavours.

HIST7347

The Re-making of the British Working Class 1848–1914*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will examine the main developments within the British working class and labour movements, 1848–1914.

HIST7350

Studies in British History: Remembering Slavery*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines how Britain's involvement in colonial slavery has been conceptualised and remembered in both academic and public contexts.

HIST7356

Race and the Sciences: Modern Ideologies of Human Difference*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The course will give an introduction into the history of 'race', as it is embedded in European colonialism, the slave trade and Empire building.

HIST7361

Race and Resistance in Black Atlantic Thought*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the currents of political thought and activism developed by black intellectuals and activists in the twentieth-century 'Black Atlantic'.

HIST7362

Histories of Exclusion: Race and Ethnicity in Latin America*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines race and ethnicity, and processes of racialised and ethnic exclusion, in Latin America through a historical perspective.

HIST7363

Between Empires and Nation-States: Economic History of the Middle East and the Balkans, 1800–1914*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course examines the major themes in the history of economic change in the Middle East and the Balkans from a comparative perspective during c.1800–1914.

HIST7459

Gender and History in Latin America Since Independence*Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims both to examine the history of gender and sexuality in Latin America since independence and to analyse Latin American history through the lens of gender.

HIST7460

Music and the Historian*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will explore what this musical turn might look like. It will focus not on the history of music as such but firmly on ways in which a focus on music in history can facilitate a fuller and deeper understanding of historical contexts, not least by insisting that musical aesthetics do not and cannot inhabit a space devoid of social, political and, indeed, ethical concerns.

HIST7461

Gender in Modern British History, c.1850–1939*Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

The course focuses both on masculinities and femininities. It aims to provide students with an understanding of gender as an important aspect of historical explanation. The course is delivered in a two hour seminar format.

HISTA002

Independent Study in History*Availability*
Year, Fall Term, Spring Term*Credit Value*
4/8 (US) 7.5/15 (ECTS)

This course offers directed independent study in history for affiliate students only, under the supervision of a member of the History Department's staff.

Courses for non-History majors

HIST7401

History of Parliament*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course studies the history of Parliament from Tudor times to the present and will include visits to the Palace of Westminster and the Parliamentary Records Office.

HIST7403

Medieval History in London Collections*Availability*
Fall Term, Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course provides an introduction to Medieval history through visits to museums and medieval buildings in London.

HISTORY OF ART

The History of Art Department at UCL is a recognised centre of excellence in both teaching and research. As editorial home to two scholarly journals and with an international reputation to match the unrivalled resources of London's cultural resources, UCL is one of the most exciting places to study History of Art in the UK.

Why study History of Art at UCL?

Conveniently situated in Bloomsbury with easy access to the National Gallery, the Tate Galleries, the Victoria and Albert Museum, and London's private and commercial galleries, the department offers excellent opportunities to study History of Art at first hand, both through courses specifically constructed to take advantage of London's cultural richness and through private study in your own time.

What will you gain from study at UCL?

You will be studying in a department recognised internationally as a centre where the terms of critical and historical debate within the subject are set. We have an expert in the technical analysis of paintings, and maintain mutually beneficial links with other UCL departments such as History, Anthropology, and a number of the language departments.

Teaching and assessment

We teach by lectures and seminars, assessed by course essays and end-of-year examinations (Fall Term students by two essays). Those courses only open to History of Art affiliates directly admitted to the department are clearly indicated.



The courses listed below are subject to change; students are strongly advised to contact the Affiliate Tutor (details on this page) or check the website.

Please note that ALL courses, unless otherwise indicated, are available to History of Art majors only.

Level 1 courses

HART1304

Thematic Seminar (1): Art and Architecture pre 1800

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

History of Art majors only; limited availability. This course provides small group teaching, with the main emphasis on objects and ideas pre 1800, with many of the classes held in galleries.

HART1305

History of European Art (2): High Renaissance to the Present Day

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This ten-week lecture course introduces students to the dominant narrative of art history as a historical development from the High Renaissance to the present day.

HART1306

History of European Art (1) Classical to Early Renaissance

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This ten-week lecture course invites students to look critically at the dominant narrative of art history as an art historical development (the canon).

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

| |
|---|
| Contact name |
| Diana Dethloff EMAIL d.dethloff@ucl.ac.uk TEL +44 (0)20 3108 4013 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £15,660 For full explanation of tuition fees please see page 157. |

Related courses can be found in these departments:

- Fine Art, page 41
- Architecture, page 63
- History, page 148

HART1307**Thematic Seminar (2): Art and Architecture after 1800***Availability*

Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

History of Art majors admitted to the department only; limited availability. This course provides students with small group teaching and the main emphasis is on objects and ideas post-1800, with many of the classes held in galleries.

HART1401**Renaissance Art in London Collections***Availability*

Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

Specifically for non-History of Art majors. This course covers Italian Renaissance art from the 13th to the 16th century focusing on objects in London's galleries and museums. Can be taken over the Fall Term (HART1401 or HART1402) or Spring Term (HART1403).

HART1501**17th and 18th Century Art in London Collections***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

Specifically for non-History of Art majors. This course covers 17th and 18th century British, French and Netherlandish art focusing on objects in London's galleries and museums.

HART1601**19th and 20th Century Art in London Collections***Availability*

Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

Specifically for non-History of Art majors. This course covers 19th and 20th century art focusing on objects in London's galleries and museums. Can be taken over the Fall Term (HART1601, 1602, 1603) or Spring Term (HART1605, 1606, 1607).

HART1701**London Architecture***Availability*

Fall Term, Spring Term

Credit Value

4 (US) 7.5 (ECTS)

Specifically for non-History of Art majors. This course covers architectural practice and patronage from the 17th century onwards, focusing on buildings and sites in London. Can be taken over the Fall Term (HART1701, 1702) or Spring Term (HART1705, 1706).

Level 2 courses**HART2010****Rome: The Making of an Early Modern Urban Visual Culture***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course focuses on the visual culture that was crucial to the modernisation of the city of Rome in the 16th and 17th centuries.

**HART2011****Modernity Through The Lens: the European Avant-Garde, Utopia, Technology and Mass Culture***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course will examine the relationship between the European Avant-Garde, technology and mass culture.

HART2202**London and Paris, c. 1700–c. 1850***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course deals with aspects of the display of painting, the commissioning and display of sculpture, and the development of religious and secular architecture in London and Paris.

HART2208**Making, Exchanging and Evaluating Art in Europe c.1500–c.1700***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course explores the material culture of making, distributing and exchanging works of art, and the intellectual cultures informing the definition of artists' careers and the evaluation of their products.

HART2213**Representing 'Others' in British Art c. 1700–c. 1850***Availability*

Fall Term

Credit Value

4 (US) 7.5 (ECTS)

This course examines questions of representation in relation to British art in the 18th and 19th centuries.

HART2215**Image/Object: Modernism and After***Availability*

Spring Term

Credit Value

4 (US) 7.5 (ECTS)

This course examines developments in modern art during the 20th century.

HART2217**Theory and History of Conservation***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

Limited availability. This course focuses on the history of conservation, on related institutions, and on issues of materiality and replication since the long 19th century.

HART2222**Art/Event***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course traces the emergence of art works with an 'event structure', from Dada and Futurist theatre to Relational Aesthetics.

HART2227**Architecture and Modernity: Europe, 1900–1945***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores early 20th century European architecture in the context of the rapidly changing political, social and economic conditions of the period.

HART2229**Gender and Representation in France, c. 1750–1850***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course explores in particular how the visual arts engage with shifting notions of gender and sexuality between 1750 and 1850, and how they take part in the shaping of new ideals of masculinity and femininity.

HART2231**Aesthetics and Politics: Art Since the 1960s***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

This course will focus on major international developments in avant-garde practice from the 1960s to contemporary art.

HART2236**American Geographies: Figuring the West 1848–1914***Availability*
Spring Term*Credit Value*
4 (US) 7.5 (ECTS)

The 'West' has long occupied a privileged place in U.S. geopolitics. Since the first decades of the 19th century, this region has heralded both the success and demise of the American experiment.

Level 3 courses**HART2001****The History of the Category 'Art'***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This course aims to familiarise students with the way in which the concept of art has evolved in the European world, especially since the Renaissance.

HART2002**Methodologies of Art History***Availability*
Fall Term*Credit Value*
4 (US) 7.5 (ECTS)

This text-based course introduces students to a variety of different methodologies and approaches current in the discipline.

HART3205**Patrons and Painters in Elizabethan and Stuart England***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

History of Art majors with appropriate background only. The course covers artistic production in England and the system of court patronage from c.1555 to c.1685 (from Elizabeth I to Charles II).

HART3206**Dutch Genre Painting***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

History of Art majors with appropriate background only. This course examines everyday life imagery in 17th-century Holland.

HART3213**Abstraction Since the Second World War***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

History of Art majors with appropriate background only. This course examines the history of modernist and postmodernist art through the lens of abstraction.

HART3218**Hogarth and Visual Satire***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

This course looks at the phenomenon of the 'satirical print' in 18th-century Britain: its aesthetic roots; social and cultural functions; modes of production and consumption; and relationship to the academic art establishment of the period.

HART3223**The Tears of Eros: Love and Death in Italian Art, c. 1500–1700***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

History of Art majors with appropriate background only. This course examines issues around the post-Tridentine debate on images.

HART3235**Documentary Work: American Media in the 1930s***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

History of Art majors with appropriate background only. This course examines the rise of documentary practices in the United States in the 1920s and 1930s.

HART3237**Human and Nonhuman in Medieval Art***Availability*
Year*Credit Value*
8 (US) 15 (ECTS)

History of Art majors with appropriate background only. This course considers how artists negotiated the human/non-human opposition in the Middle Ages.

POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

UCL is recognised as having one of the leading departments of Political Science, not just in the UK, but globally. It offers a uniquely stimulating environment for the study of all fields of politics, including international relations, political theory, public policy making and administration.

Why study Political Science and International Relations at UCL?

The Department of Political Science acts as a bridge between UCL's world-class research and the policy-making community in Britain and internationally. Through the department, students have access to a wide range of weekly seminars, featuring distinguished external speakers as well as regular high-profile events with politicians and policy makers.

What will you gain from study at UCL?

Through class presentations, seminar discussions, and essay writing, students will learn to present and defend arguments, learn to conduct independent research, marshal evidence, and come to their own conclusions.

Teaching and assessment

Most courses are taught through a combination of formal lectures and seminar classes for which students will be required to prepare work. Courses are usually assessed by coursework, or by end-of-year written examination, or both. Affiliates admitted to Political Science and International Relations select at least 50% of their course-load from the core courses listed here. The remaining courses may be taken outside the department according to individual student interests.



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

| |
|--|
| Contact name |
| Kayt Newman EMAIL sppstudent@ucl.ac.uk TEL +44 (0)20 7679 4946 |
| Availability |
| Year, Fall Term, Spring Term |
| Tuition fees |
| EU Students: £9,000 Non-EU Students: £15,660 For full explanation of tuition fees please see page 157. |

| |
|---|
| Related courses can be found in these departments: |
| ● European Social and Political Studies, page 39 |
| ● Law, page 87 |
| ● Slavonic and East European Studies, page 129 |
| ● Economics, page 142 |
| ● Geography, page 145 |
| ● History, page 148 |

Core courses

| |
|---|
| POLS6001 |
| Introduction to British Politics |
| <i>Availability</i> Fall Term, Spring Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

This course introduces students to the structure of British government and the functioning of British politics in practice.

| |
|--|
| POLS6002 |
| Political Studies: Directed Independent Study |
| <i>Availability</i> Fall Term, Spring Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

On this course, students pursue their own in-depth research after agreeing a topic with their supervisor, and write a 5,000-word essay.

| |
|---|
| POLS6003 |
| Independent Study Project |
| <i>Availability</i> Year |
| <i>Credit Value</i> 8 (US) 15 (ECTS) |

On this course, students pursue their own in-depth research across two terms and write a 10,000-word essay.

| |
|---|
| POLS6005 |
| Introduction to International Security |
| <i>Availability</i> Spring Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

This course introduces major themes and debates in the contemporary study of international peace, security and stability.

| |
|---|
| POLS6006 |
| Politics of the EU |
| <i>Availability</i> Fall Term, Spring Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

The main aim of this course is to provide a detailed understanding of how the European Union and the main political processes within it operate.

| |
|--|
| POLS6007 |
| International Development and Public Policy |
| <i>Availability</i> Fall Term, Spring Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

This course deals with the theory, concepts, history, and current governance problems of international development, with an emphasis on the politics of international development.

| |
|--|
| POLS6008 |
| Gender and Politics |
| <i>Availability</i> Spring Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

Engaging with key concepts and topics in politics both at national and international levels, this course explores the importance of gender in studying politics.

| |
|--|
| POLS6009 |
| Global Environmental Politics |
| <i>Availability</i> Fall Term |
| <i>Credit Value</i> 4 (US) 7.5 (ECTS) |

This course introduces students to the major themes and theories in the study of global environmental politics.

POLS6010

International Relations Theories: Continental Perspectives

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to major theories in International Relations and uses these to analyse questions related to wars, terrorism, globalisation, and environmental challenges.

POLS6011

Introduction to Comparative Politics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course looks at the similarities and differences in the domestic political systems of different states, and the theoretical debates which seek to explain them.

POLS6012

Theories and Concepts of Politics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This is a course in normative political theory. It examines the concepts (like freedom) and theories (like liberalism) used in the moral evaluation of politics.



POLS6014

International Organisations

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on the big theories and concepts in interstate cooperation and institutions, including neoliberal institutionalism, realism, and constructivism, plus issues in global governance.

POLS6015

International Political Economy

Availability
Fall Term, Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course introduces students to the key theories, concepts and debates in the field of International Political Economy (IPE).

POLS6016

Human Rights and World Politics

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course explores the development of human rights norms and practices in international politics and the role of international institutions, states, and non-state actors.

POLS6018

Spread of Conflict in International Relations

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

This course focuses on contemporary studies that analyse the conditions under which civil wars, ethnic conflicts, and international disputes spread within and across borders.

POLS6019

Welfare Politics

Availability
Fall Term

Credit Value
4 (US) 7.5 (ECTS)

The aim of this course is to familiarise students with the basic structure of the modern welfare state and the major theoretical approaches that explain its politics.

POLS6020

Designing Political Institutions for the Developing World

Availability
Spring Term

Credit Value
4 (US) 7.5 (ECTS)

This course situates scholarship on domestic political institutions in the broader political science literature.

POLS6023
Introduction to Public Policy
Availability
 Spring Term

Credit Value
 4 (US) 7.5 (ECTS)

This course introduces students to the process of public decision-making in modern democracies, and explains how decision-makers formulate public policies in developed democracies.

In addition to the core courses listed here, students with a particular interest in International Relations may draw on expertise across UCL's world-leading departments for a truly multi-disciplinary programme. The optional courses listed below may be of particular interest.

Optional courses

ECON3004
International Trade
Availability
 Spring Term

Credit Value
 4 (US) 7.5 (ECTS)

Provides students who have completed intermediate level microeconomics with a framework for understanding modern ideas in the theory of international trade, and to use this framework to analyse the major policy issues of world trade.

ESPS2107
Food: Consumerism and Globalisation from Free Trade to Fair Trade
Availability
 Fall Term

Credit Value
 4 (US) 7.5 (ECTS)

This course explores the 'moral economies' of food production, consumption and distribution in the context of industrial capitalism, from the early 19th century to the present day.

ESPS7401
War and Peace
Availability
 Fall Term

Credit Value
 4 (US) 7.5 (ECTS)

This course examines theories about war and peace from early modern to modern times.

GEOG2014
Development Geography
Availability
 Spring Term

Credit Value
 4 (US) 7.5 (ECTS)

The course reviews the nature and extent of poverty and development theories and policy interventions, with case studies from the world's poorest regions.

STUDENT VIEW

Jonathan Wilkins
Duke University, USA

“ I wanted to be able to study in the heart of London and I knew that UCL could provide not only that, but also great academics. I felt like the teachers did an excellent job in setting up their courses in an interesting and challenging manner, while also giving the student autonomy to decide what interested them most. ”

GEOG2019
Political Geography and Geopolitics
Availability
 Fall Term

Credit Value
 4 (US) 7.5 (ECTS)

This course aims to give students a critical introduction to a geographical perspective on international, national and local politics.

SESS3103
European Security
Availability
 Year, Fall Term

Credit Value
 4/8 (US) 7.5/15 (ECTS)

This course provides an advanced introduction to European security and the complex process of institutionalisation that characterises it.

HEBR7750
The Arab Israeli Conflict
Availability
 Year, Fall Term, Spring Term

Credit Value
 4/8 (US) 7.5/15 (ECTS)

This course offers an analysis of the Arab Israeli conflict from its origins through to the present day.

↓ IMPORTANT DATES AND FINANCIAL INFORMATION

↓ Term dates

Autumn/Fall Term:

28 September – 18 December 2015

Spring Term:

11 January – 23 March 2016

Summer Term:

25 April – 10 June 2016

↓ Orientation programme

To help you when you first arrive at UCL, the Student Centre organises an orientation programme for new students prior to the start of the academic year in September and also in January for those joining UCL for the Spring/Summer Terms. A timetable of orientation events will be posted at www.ucl.ac.uk/isop a few weeks prior to the start of studies. As well as academic, welfare and health sessions, there are also social events. The orientation programme also provides you with an opportunity to enrol formally as a UCL student and start the process of signing up for courses. The provisional orientation programme dates for 2015/16 are as follows:

Wednesday 23 – Friday 25 September 2015

Thursday 7 – Friday 8 January 2016

↓ Tuition fees

Tuition fees are payable by all study abroad students, unless attending UCL through a reciprocal exchange.

For 2015/16 undergraduate full-year study abroad students will pay the following:

Non-EU students

Band 1:

£15,660 Arts-related subjects, plus Economics and Mathematics.

Band 2:

£20,700 Science and Engineering-related subjects, plus Anthropology, Archaeology, Fine Art, Geography and Psychology.

EU students

£9,000 for all subject areas.

Tuition fees are shown on each subject page, see pages 31 to 156.

If you are admitted for the Autumn/Fall Term you will be charged 45% of the appropriate year fee, and if you are admitted for the Spring/Summer Terms you will be charged 55%. If you are jointly admitted to two departments, the tuition fee charged is based on the first-named department of admission.

↓ Living expenses

In addition to the tuition fees stated above, your main costs as a student will be living expenses including accommodation, travel, entertainment, books, food and clothing.

Estimates vary as to how much these costs might be, as much can depend on personal taste and circumstances. A total of £322 per week is considered to be a reasonable average. As a guide to more specific costs, the biggest items per week include accommodation £170, food £58, entertainment £50, travel £10, books and equipment £10, and clothes £10.

↓ Employment

If you are a student from outside the European Economic Area (EEA) and Switzerland and have permission to enter the UK for full-time study for a period lasting more than six months, you are normally able to undertake employment in the UK without having to apply for additional approval. Such employment must be on a part-time basis during term-time (up to a maximum of 20 hours) but can be full-time during vacation periods. If you are coming to the UK for less than six months, you may also work on these terms providing you have secured a full student visa. Please note that these restrictions on undertaking employment apply both to paid work and voluntary work. If you are an EEA or Swiss national you will not be subject to these restrictions.

Please see also the Immigration advice on page 160; changes to visa regulations may impact on employment regulations for affiliate students.



HOW TO APPLY AND IMMIGRATION ADVICE



Academic admission requirements

You should normally have completed or expect to complete two years of study at university level, prior to entry to UCL. A minimum cumulative GPA of 3.3 / 4.0 (or equivalent) is expected, but some subject areas expect at least 3.5 and a good background in the relevant areas. Admission Tutors need to be confident that you have sufficient academic background in their subject (and enthusiasm for it) to enable you to take classes alongside regular degree students.

For details of admission requirements specific to individual subject areas please read the relevant entry in this guide and address any queries to the subject contact.



English language proficiency requirement

If your first language is not English you must provide recent evidence that your spoken and written command of the English language is adequate for the subject areas for which you have applied. This is to ensure that your academic progress is not hindered by language difficulties.

The required evidence may take the form of one of the following:

- **Substantial education (minimum one year) conducted entirely in English**
- **Substantial work experience (minimum 18 months) conducted entirely in English**
- **An English language qualification (e.g. IELTS) recognised by UCL.**

Any of the above must have been undertaken no more than two years prior to the proposed date of enrolment.

Full details of the English language qualifications accepted by UCL and the test scores required, can be obtained at: www.ucl.ac.uk/ug-english-requirement



Application procedure

To apply you need to send the following documentation to the UCL Admissions Office:

- A completed application form. Go to www.ucl.ac.uk/affiliate and follow the relevant links for your type of study
- Your most recent official transcript from your home institution
- Two letters of recommendation from members of academic staff at your home institution who are familiar with your work
- A personal statement explaining why you wish to study at UCL and providing a preliminary selection of courses.

Completing the application form

State your preferred subject area in section 12a). You will be expected to take at least 50% of your course-load in this area.

If you need to apply jointly to two subject areas, enter the second subject in 12b).

If you wish, you may suggest an alternative department (section 13a) should you be unsuccessful in your first choice.

You should also provide a provisional list of courses you would like to take in section 19. If you are applying for the Independent Studio Programme at the Slade School of Fine Art you should write ISP Painting, or Sculpture or Fine Art Media as appropriate. Remember that your courses will not be confirmed until you arrive at UCL.

Note on course selection

Please note that **the selection of courses listed in this guide is not exhaustive and, since it is published ahead of time, some courses may have changed or no longer be available.** You are advised to get in touch with the appropriate contact for your subject area before applying to make sure that the courses you require will be available for the 2015/16 session. Contact details are given on the subject pages 31–156.



Deadline for applications

For admission in September: 31 March

For admission in January: 30 September



What happens after you have applied?

UCL will inform you of its decision as soon as possible after receiving your application. If you are accepted you will be sent an offer letter, a reply slip and information on how to apply for UCL student accommodation.

Pre-arrival information including details of the orientation programme can be found at www.ucl.ac.uk/isop from July.

If you have applied for UCL student accommodation, further details will be dispatched in August for those arriving in September and admitted for the full year or the Autumn/Fall Term, and in early December for those commencing their studies in January for the Spring and Summer Terms.



Equal opportunities

At UCL, our principal concern when considering applications is to recruit and select students who are likely to complete the programme successfully and derive benefit from it. Once these requirements are met, we disregard other issues such as disability, age, ethnic origin, sex, marital status, sexual orientation, number of children and beliefs relating to religion and politics. This attitude and these considerations underlie the equal opportunities policy of UCL, to which we are firmly committed. We positively welcome applications from members of groups which are currently under-represented.

Applicants with a disability that may require adjustments to be put in place should contact:

UCL Student Disability Services
University College London
Gower Street
London WC1E 6BT
United Kingdom

WEB www.ucl.ac.uk/disability

EMAIL disability@ucl.ac.uk

TEL +44 (0)20 7679 0100



Accuracy of information

UCL's decisions on applications are made in good faith on the basis that all of the information provided by applicants is complete and accurate. Should there be any change in your circumstances after you submit your application, for example, if the subjects you are currently studying change from those indicated in your application, you must inform UCL as soon as possible.

UCL reserves the right to refuse admission, or to terminate a student's attendance, should it be discovered that a false statement has been made or if significant information has been omitted.



Appeal and complaints procedure

Decisions on the admission of applicants are final and there is normally no right of appeal against such decisions. UCL will consider a complaint relating to an application for admission only if there is substantive evidence of irregularity in the procedure under which the application has been processed. In the first instance, any complaint concerning applications should be addressed to UCL Admissions. If the complaint is against UCL Admissions, it should be addressed to UCL's Registrar.



Application enquiries

UCL Access & Admissions
Student & Registry Services
University College London
Gower Street
London WC1E 6BT
United Kingdom

WEB www.ucl.ac.uk/affiliate

EMAIL affiliatestudents@ucl.ac.uk

TEL +44 (0)20 7679 7742 / 7381

FAX +44 (0)20 7679 7691 / 3112

Immigration advice

EEA Nationals

If you are a national of an EEA country (EU countries plus Norway, Iceland and Liechtenstein) or of Switzerland, you do not need to obtain prior entry clearance to enter the UK.

Non-EEA Nationals

If you are a visa national or a non-visa national and your programme of study lasts for more than six months you must not attempt to travel to the UK without a valid Tier 4 student visa under any circumstances.

If you are a visa national and your programme of study lasts for six months or less and you do not intend to take up work, including voluntary work, part-time work, vacation work or work placement as part of your programme you can apply for prior entry clearance as a 'student visitor'. If there is a possibility that you will want to work or apply to extend your stay then you must apply for a Tier 4 student visa.

If you are a non-visa national and intend to leave the UK within six months of starting your studies and do not wish to seek employment then you are not required under UK immigration law to obtain prior entry clearance. Instead, on arrival in the UK, you must seek leave to enter as a student visitor by presenting immigration officers with details of your programme of study (your offer letter). You must also be able to show that you have the financial resources to meet the costs of your stay. However, we strongly advise all students to seek prior entry clearance even if coming for less than six months.

Further information relating to UK immigration and applying for a student visa can be found at the following link:

<http://www.ucl.ac.uk/iss/immigration-visa>

Finding out more about UCL

Tours of UCL

You can use your web browser to take a virtual tour of UCL by following the Virtual UCL link at www.ucl.ac.uk/study. You'll be able to look inside lecture theatres, laboratories, the Library, the Bloomsbury Fitness Centre and the Students' Union.

If you would like to visit UCL in person, you can book a general campus tour led by current students by visiting www.ucl.ac.uk/study/access-ucl

Graduate Prospectus

UCL's Graduate Prospectus is available online, and describes the higher degree programmes we offer to students who have completed their undergraduate degree.

See www.ucl.ac.uk/graduate

Alumni

UCL has an active alumni network and by studying with us you will automatically become part of this extended global community. As well as helping you keep in touch with UCL and the friends you'll have made, being a member of the alumni network gives you access to a range of benefits. To find out more visit

www.ucl.ac.uk/alumni

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Every effort has been made to ensure that the information given in this Study Abroad Guide (SAG) is correct at the time of going to press and UCL will use all reasonable efforts to provide the study programmes described herein. However, UCL reserves the right, for any reason, without notice at any time to withdraw or vary any study programme described in the SAG and to alter entry requirements, fees, the facilities and/or services described either before or after students enrol. UCL also reserves the right at any time to withdraw or amend the content of any course. This may be necessary for a variety of reasons, including to allow courses to keep abreast of the latest developments or discoveries in a discipline. Admission to UCL for any particular study programme is granted to the student on the understanding that the programme is liable to change by any such withdrawal or amendment.

For the most up-to-date information, please see our website at www.ucl.ac.uk/sag

UCL undertakes all reasonable steps to provide educational services. It does not, however, guarantee the provision of such services. Should industrial action or circumstances beyond the control of UCL interfere with its ability to provide educational services, UCL will undertake reasonable steps to minimise the resultant disruption to those educational services.

Information in alternative formats

The information in this publication can also be found at www.ucl.ac.uk/sag on the UCL website. If you require the information in an alternative format (e.g. large print), please contact UCL Student Disability Services.

EMAIL disability@ucl.ac.uk

TEL +44 (0)20 7679 0100

Credits

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