



UNIVERSITY OF
CAMBRIDGE



Undergraduate
Prospectus 2022

Welcome to Cambridge

Cambridge has welcomed and nurtured students for hundreds of years. The collegiate University is bound together by a deep-rooted sense of community and shared purpose. Our commitment to excellence in education, learning and research is uncompromising.

My student days at Cambridge offered me the precious opportunity to challenge and deepen my knowledge. They also provided the space and the time to broaden my intellectual horizons.

Today Cambridge continues to reach outwards, welcoming an ever more diverse group of students who have the desire and ability to learn and produce new insights that shift and deepen our understanding of the world around us.



Professor Stephen Toope
Vice-Chancellor

Please note

This Prospectus represents life at the University and Colleges prior to the COVID-19 pandemic. We may need to make changes to the information in this publication due to the pandemic and/or Government guidelines and restrictions. It is very important that you check the University and College websites for the most up-to-date information before applying or accepting an offer to study at the University. Please see p159 for more details.



Ben (back, left)
with the Cambridge
SU team.

My time at Cambridge will remain with me for the rest of my life. Academically, it is an environment in which you study alongside leaders in your field, and are given the opportunity to develop skills that will help you pursue your goals, whatever they are.

But Cambridge offers more than just an academic education. It is a place where you can learn from those around you through the interests you pursue, and develop as an individual.

Above all, Cambridge provides you with the tools to make positive change in the world, and I wouldn't be representing students today if my time at the University had not given me hope that change is possible. I hope that Cambridge can provide you with a rewarding University experience!

Ben Margolis
Cambridge SU (Undergraduate President)

Find out more about Cambridge Students' Union on p16.

Take a Virtual Tour of Cambridge



Visit our Virtual Tour to access information about the University and to hear directly from our staff and students. Find out more on p152 and visit

 www.virtualtour.study.cam.ac.uk

 www.undergraduate.study.cam.ac.uk

 @cambridge.university

 @Cambridge_Uni

 @cambridgeuniversity

 www.youtube.com/CambridgeUniversity

In this Prospectus

Use our Prospectus to find out more about the University of Cambridge and make sure to check the websites referred to throughout the publication for further details, advice and the most up-to-date information.

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Why Cambridge?

Cambridge is one of the best universities in the world.

Home to over **23,000 students** from more than **140 countries**, we offer undergraduate degree courses in the arts and humanities, social sciences, sciences and engineering.

+ Excellent Teaching

- + **Top 3** in the 2020 Academic Ranking of World Universities.
- + **Number 1** in the *Complete University Guide 2021*.
- + **Top 3** in the *Guardian University Guide 2021*.

+ World class research

- + **Top 10** for research quality (*Complete University Guide 2021*).
- + **110** affiliates of the University have been awarded the **Nobel Prize** since 1904.



"I think studying at Cambridge is such an asset, both personally and professionally. The reputation of the university will stay with you throughout your career. The teaching is first class – getting three to one weekly teaching in supervisions is unparalleled!"

Jonathon
Ballymena



"The collegiate system allows you to interact with people from a range of subjects and everyone is so passionate about what they do, which leads to lots of interesting discussions."

Antonina
Gliwice, Poland

+ A place to call home

- + **3 years** Cambridge guarantees most students College-owned accommodation for at least three years (p24-5).
- + **Support** to help you settle in and more than 500 clubs and societies to get involved with (p16-21).

+ Great prospects

- + **89%** of our students who responded to the Graduate Outcomes Survey were in work or further study within 15 months of graduating (find out more on p34).
- + **Top 10** Cambridge is one of the top ten universities most often targeted by Britain's leading graduate employers (*The Graduate Market in 2020*).

Cambridge: a collegiate university

What does that mean for you?

Cambridge is a 'collegiate' university. It's made up of faculties and departments in different academic subjects and 31 Colleges (29 of these accept applications from undergraduates). Our students become part of their College community, giving them a sense of belonging that lasts long after they graduate.

The University

(through its faculties/departments):

- determines course content
- organises lectures, seminars, practicals and projects
- sets and marks examinations
- awards degrees

The Colleges:

- admit undergraduate students
- organise small-group teaching (supervisions)
- the place where you'll live, offering accommodation, and places to eat, socialise and meet new people
- there to provide pastoral and academic support when you need it

"My years here have been the best of my life. I have improved both academically and personally, meeting fantastic friends and learning a subject that I adore. I would not trade this experience for the world."

Charlotte
Caerwedros

Applying to Cambridge

The Cambridge application process is slightly different to other universities. You still need to apply through UCAS, however, at Cambridge the process starts earlier to give us time to collect and consider all of the application information.

The steps below and the follow pages will guide you through the process.

1 Choose a course
You're going to be studying to a very high level for several years, so, make sure you choose a course you're personally interested in and will really enjoy studying! See p40-113 for course information.

 www.cam.ac.uk/courses

2 Decide on your College
Where would you like to live when you're here? In your UCAS application, you can apply directly to one of our 29 Colleges or make an open application. Find out more on p114-46.

 www.cam.ac.uk/ugcolls

3 Submit your application
Submit your UCAS application online by 15 October – our institution code is **CAM C05**.
You'll find more information about the application process, including additional items you'll need to provide, on the next few pages.

 www.cam.ac.uk/apply

Remember to check our website for all relevant application deadlines – our UCAS application deadline is 15 October, but other deadlines apply in certain circumstances (see 'a few essentials' opposite).

4 Written assessment
Most applicants are required to take a written assessment, either pre-interview or at interview (see p8). You can find more information about admissions assessments, including examples of specimen papers, on the course pages of our website.

 www.cam.ac.uk/assessment


5 Interviews
Everyone with a realistic chance of being offered a place is invited to attend an interview (see p8).
If you decide to apply, you can find videos and full information about interviews online.

 www.cam.ac.uk/interviews

6 Our decision
We'll advise you of our decision before the end of January. See p10.

Please note

The next few pages detail our application process as it would run in a normal year. We may need to make changes to the format of elements of the process, such as interviews and admissions assessments, due to the pandemic and/or Government guidelines and restrictions or any other unforeseen circumstances. Please check our website for the most up-to-date information.

 www.undergraduate.study.cam.ac.uk

A few essentials

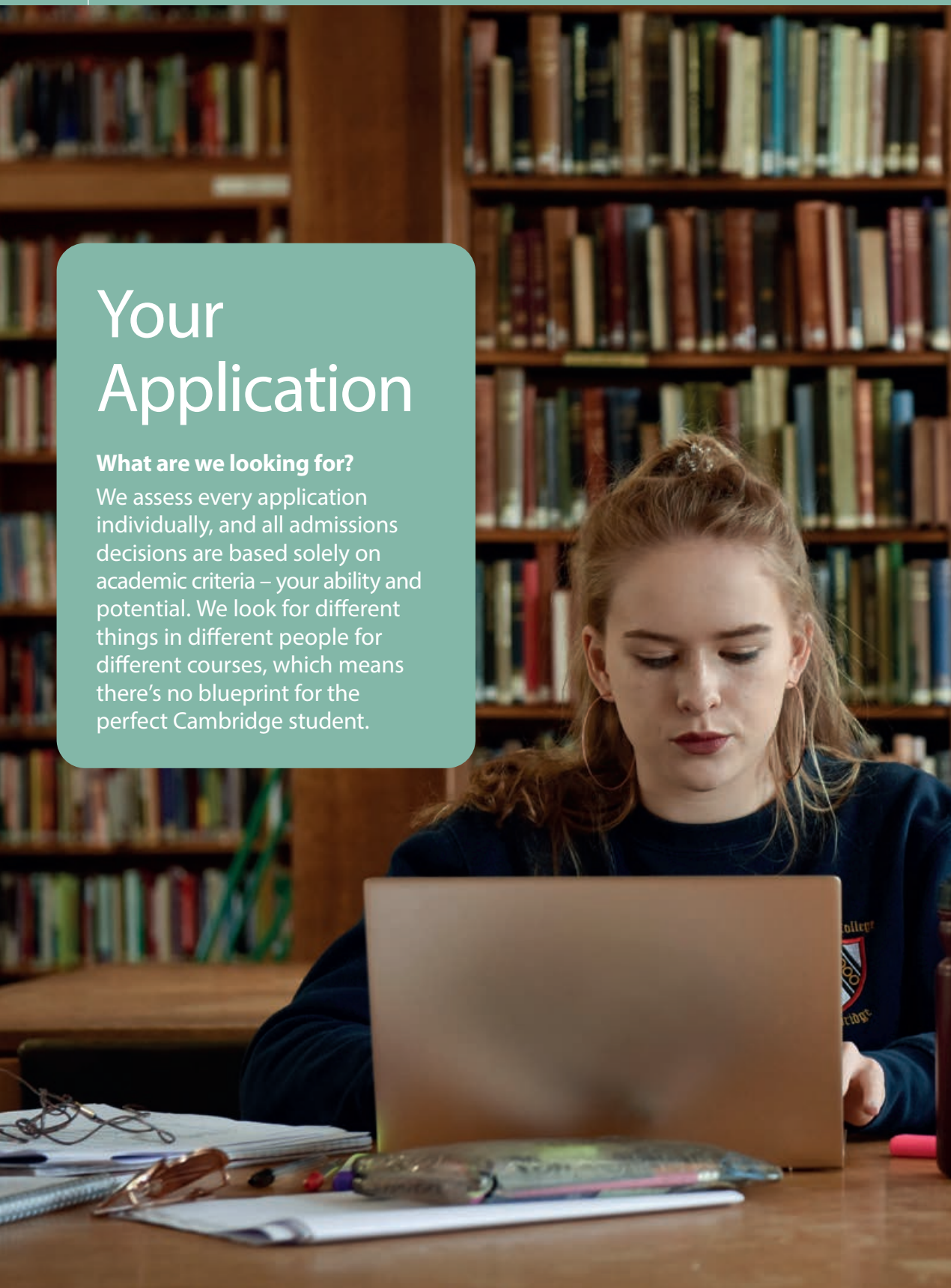
- You can't apply to both the Universities of Cambridge and Oxford in the same year.
- After you've submitted your UCAS application, you may need to fill in an additional questionnaire(s) which we'll send you links to by email. Find out more on our website: www.cam.ac.uk/apply
- In some cases, different application deadlines might apply. International and mature applicants, and applicants to the Foundation Year Course should check the relevant pages of this Prospectus and associated webpages for more information (International Students: p38, www.cam.ac.uk/uginternational; Mature Students: p36, www.cam.ac.uk/mature; Foundation Year: p43, www.cam.ac.uk/foundationyear).

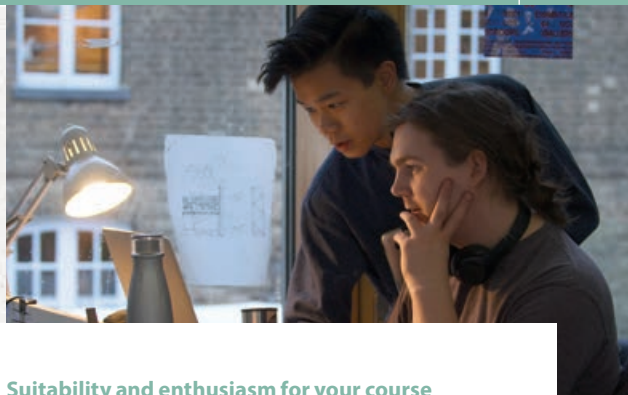


Your Application

What are we looking for?

We assess every application individually, and all admissions decisions are based solely on academic criteria – your ability and potential. We look for different things in different people for different courses, which means there's no blueprint for the perfect Cambridge student.





There are elements our Admissions Tutors look for in every application.

Academic ability and potential

We're looking for students with the academic ability and potential to flourish at the University. Therefore, you should be aiming for excellent examination grades. Typical A Level/IB offers and subject requirements are outlined on our course pages (p43-113) and guidance on a range of other qualifications can be found on p149-50.

Our *The Subject Matters* leaflet offers advice about how to choose the most appropriate subjects and subject combinations at A Level. You can find it on our website.

 www.cam.ac.uk/ugpublications

An ability to think critically and independently

We're looking for an indication of your willingness to argue logically while keeping your mind open to new ideas. You also need self-discipline, motivation, commitment, and the desire and potential to go beyond what you've learned so far. See also p12.

What work experience do I need to have?

Work experience isn't expected or required. However, for vocational courses, such as Medicine and Veterinary Medicine, having some relevant work experience is useful and recommended. Check the course pages (p43-113) for more information.

Suitability and enthusiasm for your course

Finally, we're looking for students who really want to learn about the subject they've applied for and aren't just interested in the degree at the end, important though this is. Think carefully about your options and which courses and subject areas will inspire your curiosity and commitment.

If you think you have these qualities, we're looking for students like you and hope you'll apply to join us at Cambridge.

Should I refer to extra-curricular activities in my personal statement?

Our admissions decisions are based on academic criteria (ability and potential) and we expect to see evidence in your application of your wider engagement with areas of academic interest, such as reading and other explorations relevant to the course for which you have applied. Extra-curricular activities which are of no relevance to the course will not increase your chances of receiving an offer.

If, however, particular extra-curricular activities have enabled you to develop transferable skills, such as organisation or time management, then do include them in your personal statement. Such activities might include significant caring responsibilities or paid employment, which can help us fully contextualise your application, as well as sport, physical activity, music, drama and volunteering.





Watch our applying video
www.cam.ac.uk/apply

After your UCAS application

Following the submission of your UCAS application, there are several more elements to the application process at Cambridge, including additional questionnaires, admissions assessments and interviews.

Additional questionnaires

We'll send you links to any additional questionnaires by email. These usually collect information that isn't on the UCAS application but which we find useful when assessing your application to Cambridge. You'll also have the opportunity to complete an optional Cambridge specific personal statement. You can find out more on our website: www.cam.ac.uk/apply.

Admission assessments

Most applicants are required to take a subject-specific written admission assessment.

Depending on your chosen course, this might be before interview, or at interview if you are invited to attend. The assessments are designed to supplement the information in your application and to assess skills, such as writing and language skills, and levels of knowledge and understanding relevant to your course. You can find examples of past papers on the course pages of our website (www.cam.ac.uk/courses).

- Pre-interview assessments – these are taken in early November at a centre local to you (usually your school or college) and you must be registered for the assessment by your school or college in advance.
- At-interview assessments – these are taken when in Cambridge for interview.

For more information about these assessments, see p41, our course pages (p43-113) and the website (www.cam.ac.uk/assessment).

Can I take a gap year?

Around six per cent of students accepted to Cambridge take a gap year. You should state your intention to defer entry in your UCAS application and be prepared to talk about your proposed year out if interviewed. Please also refer to the specific course pages if you're considering applying for Engineering (p65), Mathematics (p86) or the Graduate Course in Medicine (p91).

The interview

Everyone with a realistic chance of being offered a place is invited to attend an interview, so it's a good idea to be aware of what might happen during your interview so you can be fully prepared.

Interviews help our Admissions Tutors to get to know you and your motivations for applying to Cambridge; they contribute to our assessment of your academic potential and suitability for your chosen course, while giving you the opportunity to expand on the written elements of your application.

What do interviews involve?

The form and length of interviews varies from subject to subject and from College to College. You'll have one, two or three interviews (most commonly two), each lasting between 20 and 45 minutes.

If you're applying for a course which has an at-interview written assessment, you will normally sit this on the same day as your interview (see opposite).



How should I prepare?

There aren't any special tricks to preparing for interviews, however there are some things you can do beforehand which will, at the very least, make you feel more confident.

- Watch our interview films to give you an idea of what to expect on the day.
- Re-read your personal statement and any written work.
- Read around your subject and think about any particular topics you'd like to talk about.
- Practise talking and answering questions about your subject and wider academic interests with your friends, family and/or teachers.

For more tips, advice and interview films, visit our website (www.cam.ac.uk/interviews).

Probably the most important tips are to be on time, be as relaxed as possible, and, above all, be yourself!

How do we assess applications?

There's no blueprint for an ideal Cambridge student and we want to give applicants as many opportunities as possible to demonstrate their strengths and potential. Therefore, each application is considered individually and holistically, using all of the following information:

- academic record
- school/college reference
- personal statement
- any written work submitted
- performance in any written assessment
- contextual data
- performance at interview



Further information
www.cam.ac.uk/apply

What's the most important part of my application?

Admissions Tutors consider all of the information available together before making any decisions. While the most recent academic performance carries the greatest weight, the relative importance of each element of the application varies because each student is different. No part of an application is considered in isolation; for example, a student's performance at interview alone doesn't determine the outcome of their application.

QUESTION

I go to a state/private school – will this disadvantage my application?

No. The University and its Colleges are committed to offering admission to students of the highest intellectual ability and potential, regardless of background (www.cam.ac.uk/admissionspolicy) and we don't discriminate for or against applicants because of the type of school they attend.



Our decision

All undergraduate admissions decisions are the responsibility of the Cambridge Colleges.

Following the assessment of your application, there are two possible outcomes.

1 You're made an offer.

This might be from the College you applied/were allocated to, or from a different College as a result of your application being 'pooled' (see right). An offer may be unconditional, or conditional and dependent on achieving certain grades in the qualifications you're taking (the University makes unconditional offers only to those who have already met the conditions for entry to their chosen course).

2 Your application is unsuccessful.

With around five applications per place, every year we have to turn down many students whom we would like to have taken. Don't let the prospect of not getting a place put you off applying. We can't offer you a place if you don't apply to us!

Does the University take part in Clearing or Adjustment?

The University doesn't enter Clearing. However, we anticipate that places may be available for some students through Adjustment. You can find more information about Adjustment at www.cam.ac.uk/adjustment.

The pools

The 'winter pool' is designed to ensure that the best applicants who have been squeezed out by the competition at their original College are offered places – Colleges would rather admit a strong applicant from the pool than a weaker applicant who applied directly/was allocated to them.

Although impressed by your application, your College may not have a place for you and so may pool your application for other Colleges to consider.

Some pooled applicants may be asked to attend another interview in early January. When all pooled applications have been reviewed, you may be offered a place by a different College. If no College can offer you a place, your original College will advise you of this decision by the end of January.

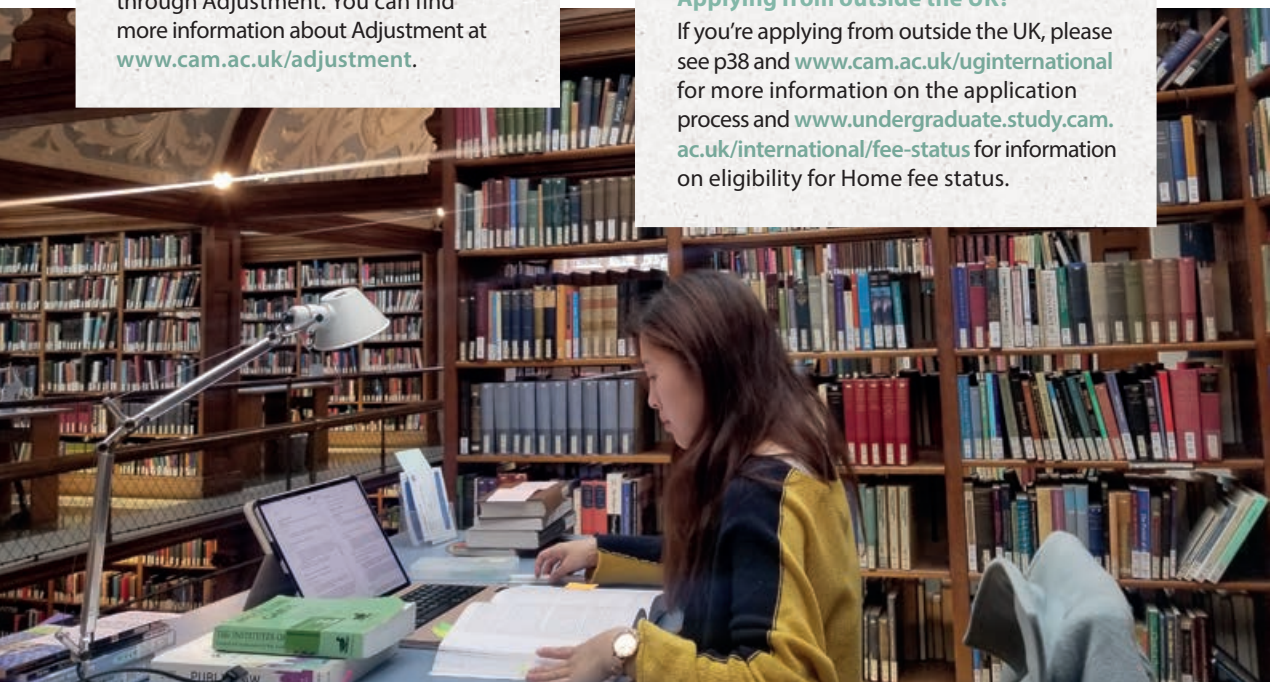
Typically, one in four applicants is pooled and, of these, around one in five is made an offer of a place by a different College from the one they applied/were allocated to (881 for 2020 entry and deferred entry in 2021).

In a few cases, offer holders who haven't quite met the conditions of their original offer may still be offered a place following a small 'summer pool' that takes place once examination results are released.

Visit www.cam.ac.uk/apply for more details about the application process and to watch our explainer video.

Applying from outside the UK?

If you're applying from outside the UK, please see p38 and www.cam.ac.uk/uginternational for more information on the application process and www.undergraduate.study.cam.ac.uk/international/fee-status for information on eligibility for Home fee status.





"You should definitely apply – you might even enjoy your interview! Ignore the stereotypes – if you think you would enjoy studying here then you should apply."

Sarah
Guisborough



Extenuating circumstances

If you have experienced health or personal problems, disability or difficulties with your schooling, your school or college referee (or GP or social worker) should let us know by completing our Extenuating Circumstances Form by 22 October 2021.

The information provided on the form gives context against which Admissions Tutors can consider your academic record and, if appropriate, your performance at interview.

The sort of extenuating circumstances that this form should be used to advise us of include:

- a serious, acute or chronic medical condition (especially since the age of 14)
- significant caring responsibilities or recent bereavement or serious illness within close family
- any kind of disruption due to adverse family circumstances
- serious disruption due to educational provision at school/college that is not COVID-19-related
- other circumstances where disruption has occurred

You can find the form and more details about extenuating circumstances online. If you or your referee wish to discuss your particular situation, please contact a College admissions office for advice as early as possible.

COVID-19-related disruption

Any disruption to your education caused by the COVID-19 pandemic should not be included on the Extenuating Circumstances Form. All applicants will be asked to detail COVID-19-related educational disruption on a separate form.



Further information
www.cam.ac.uk/apply

Teaching and Learning

Cambridge is known and respected across the globe for the excellence of our teaching and research, and the quality of our graduates. You'll be taught by inspiring academics who are experts in their field, and our supervision system means you'll receive personal tuition and support.

+ Top 10
in the world for academic reputation (QS World University Rankings 2021).

+ Top 10
in the world for teaching (*THE* World University Rankings 2021).



+ Supervisions
provide regular small-group tuition with subject specialists.

"There is such amazing teaching quality in both lectures and supervisions that you really do learn your course at an incredibly high level and can push well beyond the fundamentals and into the nitty-gritty of the things you're interested in."

Daniel
London

How you're taught

Our University faculties and departments arrange lectures, seminars and practicals that students from all Colleges attend together. At Cambridge, you'll also attend supervisions, a system of personal tuition that is one of our greatest strengths. Your College also arranges supervisions for you.

Each academic year consists of three eight-week terms and you must ordinarily be available to study in Cambridge for the full duration of your course (with the exception of a year abroad, where part of your course). As the terms are short, the pace and volume of work is likely to be greater than you're currently used to and there's much greater emphasis on independent and self-directed study here compared to school or college.

During term time, you're expected to spend an average of 42-46 hours a week on your academic studies (including teaching/contact time and independent study), and you also need to undertake some work, such as further reading or research, revision or assignments, during the vacations.

Every student adjusts to this new workload in their own way and time, and there are plenty of people who can offer advice and support while you get settled in and throughout your degree (see p26-9).

Teaching methods

Lectures

Lectures act as a starting point for your own research and typically last around 50 minutes. Depending on the subject anywhere up to several hundred students may attend. Many lecturers are leading academics working at the forefront of their field, so lectures are a fantastic opportunity to find out about the latest research.

Seminars and classes

These are usually for medium-sized groups (eg 10-30 students), last between one and two hours, and provide the opportunity to discuss particular topics in more detail. They're led by academics but you're expected to contribute actively.

Practicals

Sometimes called 'labs' or laboratory classes. Practical work on some courses may be assessed.

Supervisions

Small-group sessions most often for between one and three students, supervisions provide the opportunity to explore your subject more deeply, discuss your own work and ideas, and receive regular feedback. As they aren't assessed, supervisions provide the ideal environment for you to test your ideas and interests, while encouraging you to develop your thinking.

Typically, you have one or two hour-long supervisions each week (this varies from course to course) and you do preparation for each one – usually reading, writing an essay or working on some problems. Supervisors are specialists in particular subjects (they may be one of the country's or the world's leading authorities) and throughout your course, your supervisors will change depending on what you are studying at the time.

Field trips, study visits, language courses, study abroad

Several courses include opportunities to go on field trips, study visits or language courses, or to study abroad through exchange programmes. Naturally, where you go, how long for and what you do varies depending on your course. The faculties, departments and Colleges often have funds available to help you go on trips in Britain and abroad.

Independent research

A chance to carry out your own research, test out theories and put forward your own ideas. Your work might even get published while you're still an undergraduate.

Work experience

Some courses include a period of work experience, giving you a chance to explore potential career paths, develop your employability skills and create networks that could lead to job opportunities after you graduate.

Refer to the individual course outlines (p43-113) and faculty/department websites for more details about teaching.



Further information
www.cam.ac.uk/courses



Facilities and Resources

We admit the most academically able and motivated students and provide them with inspiring, world class teaching. We're confident that we also offer the best resources and facilities to support their learning.



Libraries

You certainly won't be short of libraries at Cambridge – the collegiate University has more than 100!

- College libraries contain standard course texts and other related materials.
- Faculty and department libraries offer more specialised collections and electronic resources for particular subjects.
- The University Library (or UL) is a legal deposit library holding more than eight million books, journals and other documents ranging in age from ancient manuscripts to a vast range of electronic resources available for you to access from anywhere.

To ensure you get the most from the University's libraries, the UL and many of the College, faculty and department libraries offer practical sessions and one-to-one help. These include introductory tours, sessions to highlight the resources available for particular disciplines and information skills classes.

The CamGuides pre-arrival resource will also introduce you to some of the academic, research and digital practices in which Cambridge students engage:

www.camguides.lib.cam.ac.uk



Further information

www.libraries.cam.ac.uk

Computing and IT

University Information Services (UIS) works in partnership with your College and department to provide for all your computing needs while you are at Cambridge. This ranges from the provision of wi-fi throughout the University and Colleges, to access to specialist computer rooms and advanced research computing services.

UIS offers all students comprehensive IT support, including:

- a service desk
- free email accounts and file storage
- free software, including Microsoft Office and McAfee antivirus protection
- free IT training courses.

 help.uis.cam.ac.uk

Language Centre

The Language Centre provides language-learning opportunities to all students wishing to take up or continue a language. Our Language Programme (CULP) offers taught courses at various levels in a number of languages. We also run a popular conversation exchange scheme with native speakers, and conversation sessions for students to maintain their spoken ability. For international students, we offer an academic English support programme.

Our range of static and interactive resources includes books, CDs, foreign films and online programmes. In addition, the John Trim Centre houses self-study resources in more than 180 languages (including English) and a dedicated Advising Team is on hand to help.

 www.langcen.cam.ac.uk



Museums and collections

Cambridge has nine specialist museums and collections, all of which are open to students and the public. The fascinating exhibits range from dinosaurs to modern art, and rock samples to Rembrandt. Even if none relates directly to your course, a look at the whale skeletons, classical sculpture or even the camera used by Robert Falcon Scott at the South Pole in 1912 has to add something to your time at Cambridge!

Highlights from our museums and collections include:

- Snow goggles used by Ernest Shackleton
- 140 million year old fossil ferns
- Samurai armour complete with a moustache made of boar's bristles
- Rembrandt, Titian and Monet at the Fitzwilliam Museum
- Modern and contemporary art at Kettle's Yard
- Charles Darwin's microscope
- 21 metre fin whale skeleton

 www.cam.ac.uk/museums

Facilities for worship, celebration and meditation

There are religion-specific places of worship in and around Cambridge for those following the Buddhist, Christian, Hindu, Jewish, Muslim and Sikh faiths, and many Colleges have chapels and designated spaces for prayer and reflection by students of all faiths or none.

A number of rooms are also made available by the University for its students, staff and authorised visitors with the primary purpose of providing a safe, clean and inclusive place for worship, celebration or meditation.

 www.studentwellbeing.admin.cam.ac.uk

Course-specific facilities and resources

Our course specific facilities range from laboratories and surgical suites to concert halls and theatres. You can find out more about the facilities and resources that support learning at Cambridge on our course pages (p43-113).





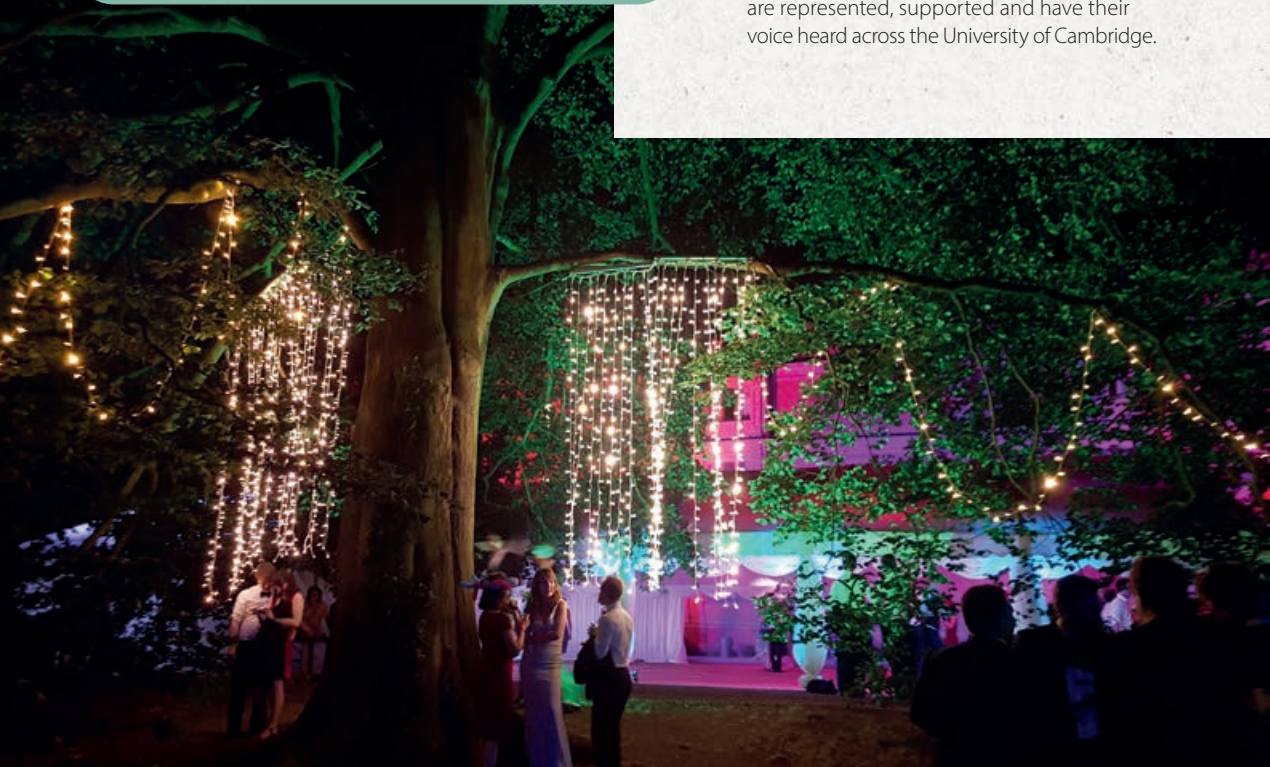
Student Life

There's loads going on within the University and Colleges, and with students accounting for about a fifth of the city's overall population, Cambridge is a great place to be a student. With more than 500 student clubs to choose from, there's lots of opportunities to meet like-minded people, or to try something new.

Cambridge Students' Union (Cambridge SU)

Your time at Cambridge isn't just about academic work – Cambridge will be your home for the duration of your course and it's important that you have time out from your studies and get involved in all the opportunities the University and city have to offer.

Our Students' Union, Cambridge SU, is a single union for all students, undergraduate and postgraduate. Its aim is to make sure that all students, regardless of level of study, are represented, supported and have their voice heard across the University of Cambridge.





Cambridge SU is led by a team of eight elected sabbatical officers who campaign and lobby for change across the collegiate University to improve the student experience. Cambridge SU:

- represents the student body on University committees
- campaigns on important student issues, such as student support, liberation work and education policy
- supports and connects College student unions through training, forums and advice
- runs the professionally staffed Student Advice Service
- manages the Alternative Prospectus website (which includes the 'Ask a Student' facility)

There are seven campaigns that exist within Cambridge SU; they are communities within the SU's student membership. Each group has its own committee, events and campaigns that they run. Groups include those representing self-identifying women and non-binary students, disabled students, BME students, international students, LGBT+ students, and students from access backgrounds.

Every College also has its own students' union, to which undergraduates are elected to represent students at a College level. So, if you want to have a say in student affairs, consider running for election!



Further information
www.cambridgesu.co.uk



Alternative Prospectus website
www.applytocambridge.com

Student societies

University is about trying new things. At Cambridge, you can do almost anything at almost any level, from 'having a go' to semi-professional. Your extra-curricular activities might provide a springboard for careers or be part of life beyond university too.

Community and charity

There are lots of opportunities for Cambridge students to get involved in community projects, campaigns and charity work. Many national and international charities have student society branches in the University, from Amnesty International to the Anthony Nolan Trust, and there are also student groups who work closely with local charities and community organisations.

Cambridge RAG focuses on fundraising and raises more than £100,000 annually for 10 student-selected charities. Jailbreak is one of their most popular fundraisers, with sponsored students racing to get as far away from Cambridge as possible in 36 hours, spending only the money they raise along the way!

Drama

Cambridge is renowned for its student-produced drama. From the cutting-edge comedy of the Cambridge Footlights to classical plays, popular musicals and original productions, there's something for everyone.

Auditions are often open to all and there are opportunities to direct, produce, and get involved with set design, lighting, sound, stage management, costume, make-up and front of house, even if you've never done it before.

There are excellent performing arts facilities around Cambridge. In addition to the University's ADC Theatre, a number of Colleges have their own purpose-built auditoria and several major productions take place in the city's Corn Exchange and Arts Theatre.



Media

If you'd like to try your hand at journalism, there are various student newspapers and other publications to get involved with, including *Varsity*, *The Cambridge Student* and *The Tab*. As well as CU-TV and the University's radio station, Cam FM (presented by University members and offering training in many aspects of radio), there are other student groups focused on photography and film-making.

Politics

Cambridge is politically diverse and engaged, so it's a great place for students to debate local, national and international issues or get involved in student campaigns.

There are numerous political clubs, representing different political parties and many other political societies which host high profile speakers and organise panel discussions on contemporary topics.

There are also lots of student campaign groups which campaign on important political issues, both within the University and at a national level, including Cambridge Defend Education, Cambridge Zero Carbon and the SU Ethical Affairs Campaign.

Other interests?

As well as those already mentioned there are societies relating to religious and cultural groups, dance, food and drink, games and hobbies, and a range of academic subjects.

The Societies Directory on the Cambridge SU website has a list of all the societies within the University. There are also lots of clubs and societies within the different Colleges. If there isn't a group or society for your particular passion or interest at the moment, you could start one – all you have to do is find a few like-minded people.



Further information

www.cambridgesu.co.uk/opportunities/societies





Music

There's an enormous range of music societies and student bands, for any style and level of experience. Many Colleges run open mic nights and numerous bands, choirs and orchestras regularly record and tour nationally and internationally.

The Faculty of Music offers masterclasses and workshops, and has an extensive collection of instruments that can be used by students (some instruments may be available to hire).

Music groups include:

- a capella groups
- Baroque Ensemble
- Brass Band Society
- Ceilidh Band
- Chamber Orchestra
- Concert Band
- Hip Hop Society
- Jazz Orchestra
- Mixtape Society
- Opera Society
- Rock Society
- Show Choir
- String Ensemble
- Symphony Orchestra

To find out more, see Cambridge SU's online Societies Directory (opposite), the Faculty of Music website (www.mus.cam.ac.uk) and individual College websites. Information about music in the city can be found on p23.

"I've really enjoyed the extra curriculars, particularly rowing – our College boat club has a really wonderful supportive atmosphere that can only be forged by suffering through morning outings together!"

I also take part in the Ceilidh Band, where I play the accordion at rehearsals, sessions, and occasionally at gigs too!"

*Stella
Chester*

Music awards

Are you an organist or instrumentalist of a high standard, or do you like to sing? If so, you may like to consider our music awards. The awards vary, but all include a small bursary and professional coaching and/or music lessons. Visit our website for more information about the awards available for students joining the University in 2022.



Further information
www.cam.ac.uk/musicawards

Sport

Cambridge offers a diverse range of competitive and recreational sporting opportunities to help you lead a healthy and active lifestyle alongside your academic studies. Whether you want to continue playing a sport you love or try something new, we have more than 80 sports clubs and societies, and the University and Colleges offer a variety of facilities and support services for everyone from beginners to elite athletes.

Among our 80 sports clubs and societies, you will find:

- Australian Rules Football
- Basketball
- Cheerleading
- Dancesport
- Football
- Handball
- Ice Hockey
- Judo
- Kickboxing
- Korfball
- Netball
- Orienteering
- Squash
- Table Tennis
- Taekwondo
- Ultimate Frisbee
- Volleyball

"I take part in plenty of sports which provide the perfect offset to work life. At College level, I'm the mixed lacrosse captain (a sport I didn't know existed before I came here!), and at a University level I'm a member of the cross country club, even taking part in a race against Oxford, the highlight of my time here so far."

David
Portsmouth



Sport for everyone

At a University level, our teams range from National League hockey to casual badminton, so there are plenty of ways to compete or stay active. You will also find College teams for novices and experts alike. You could get involved in the extensive range of sports available via inter-college competition.

You can also try out to represent the University against other universities, and local and national club sides. Many University teams compete in BUCS (British Universities & Colleges Sport) competitions throughout the season, giving them the opportunity to try their talents against the best teams from universities throughout the UK. Varsity matches, played against the University of Oxford across a range of sports, are a highlight of the season.

Staying active

You don't have to get involved in team sports to stay active while you're here at Cambridge. University Sport offers beginner's strength and conditioning, personal fitness programmes, and a wide range of group fitness classes.

Facilities

The University's sport facilities are based at three sites around the city. Colleges also provide facilities for traditional team sports and games such as tennis and rowing, and many have their own gym and sports facilities too.

Sports Centre, West Cambridge Site:

- Gym (including flexible student gym memberships and personal training)
- Strength and conditioning room
- Sports hall
- Studios
- Team training room
- Squash and fives courts
- Physiotherapy and sports injury clinic
- Group fitness classes

Wilberforce Road Sports Ground:

- Athletics facilities, including an eight-lane track and all associated field events
- Three sand-dressed hockey pitches

Fenner's Cricket and Tennis Ground:

- Cricket pitch and indoor cricket school
- Three hard and eight grass tennis courts



Financial support

Some financial support is available for students studying at the University who play competitive sport at a high level or wish to progress within coaching or officiating. For further details see the Sports Service website.

Find out more about University Sport

Visit the Sports Fair at the beginning of your first term to meet the Sports Service team and our clubs, and find out how to get involved with sport and keep active. You can also visit our website for more information about competitive and recreational sport at Cambridge.



Further information
www.sport.cam.ac.uk

Are you an elite athlete?

If you are a nationally ranked athlete, or you regularly represent your country on the international stage, you may be eligible for the University of Cambridge Athlete Performance Programme (UCAPP). UCAPP is an initiative that offers support from highly qualified and experienced staff who will work with you to enhance your performance, ensuring you don't have to compromise your academic or sporting ambitions while at the University. To find out more about UCAPP, visit www.cam.ac.uk/ucapp.

In and around Cambridge

Cambridge is a vibrant city that embraces the old and the new. It combines the welcoming feel of a small town with the variety and energy of a larger city.



Getting around

Most University buildings are situated in the city centre and it's easiest to travel between them on foot or by bicycle (one of the most popular modes of transport for our students).



Well connected

Cambridge is only 60 miles from London and is well connected to most of the UK from its main station located about a mile from the city centre.

There are direct train connections to Stansted and Gatwick, and Heathrow is also easily accessible (via London Kings Cross/London St Pancras).



www.cam.ac.uk/traveltocam

Entertainment and comedy

However you like to spend your time, there's always something to keep you entertained. Cambridge has theatres, cinemas and entertainment venues offering varied programmes that include comedy, drama, dance, concerts and club nights.

Those who are into comedy won't be disappointed as, along with student groups, Cambridge regularly attracts top stand-up acts.

Music

Live music is a big part of life in both the city and University, from buskers and pub gigs, to classical concerts and big name acts.

The city usually hosts a number of music festivals featuring a wide variety of acts and music styles, including folk, jazz, rock, ska, UK urban and dance.

Pubs, clubs and restaurants

Cambridge has a great range of pubs, bars and cafés, from traditional pubs with open fires perfect for a winter evening to modern bars overlooking the river, ideal for a spot of people watching. The city has a mix of clubs offering everything you'd expect – a variety of music nights alongside cheap entry and offers for students.

There's a great selection of places to eat too. Something for any mood, taste, occasion, and price range. Better still, there are lots of discounts and special deals for students at various restaurants and cafés.



Shopping

Cambridge's three shopping centres and the city's central streets house most high street names alongside independent shops and boutiques. The stalls in Market Square sell handmade jewellery, vintage clothes, books and much more. You can pick up baked goods and local produce as well as a range of street food.

Just on the edge of the city centre, is an eclectic mix of shops, cafés and restaurants on Mill Road (www.mill-road.com), offering anything from just about anywhere in the world and to suit any budget.

Outside the city

If you want to explore further afield, Cambridge has direct rail connections to London, Brighton, Birmingham and a range of local attractions in the surrounding area, including:

- Ely (historic city and Norman cathedral)
- Shepreth Wildlife Park
- Thetford Forest
- Audley End (English Heritage property)

And you don't have to go far to feel like you've escaped the city – you can walk or punt up the river to nearby Grantchester, a traditional village that has inspired songs, novels and television dramas.



Accommodation

At Cambridge, rather than choosing a hall of residence for your first year of study, you live in a College for the full duration of your course. The majority of students are guaranteed accommodation in College-owned property for three years, and many Colleges provide for fourth-year students too, so you don't have to find private accommodation during that time.¹ Your College is where you do a lot of your studying and socialising, and each College community offers pastoral and academic support.

+ Shorter contracts

Annual contracts for College accommodation are normally in the range of 27 to 39 weeks, so you don't have to pay rent for a full calendar year, and you won't be charged for some vacations unless you choose to stay in Cambridge.

+ Not far to travel

Accommodation is close to the city centre and within walking or cycling distance of departments.

Where is the accommodation?

Some Colleges have all their accommodation on their main site. Others have some on their main site plus a range of College-owned flats/houses around the city – check the table on p116-7 for details. All College accommodation is within the University precincts, an area covering a three mile radius around Great St Mary's Church.

During term time, students are required to live in this area unless given permission to live elsewhere by their College. All students should be available to study in Cambridge for the full duration of their course (with the exception of a year abroad should that form part of your course). Most accommodation is within easy walking or cycling distance of the University departments and facilities, and the city centre. See the map on p154-5 for locations.

What's the accommodation like?

There's a variety of accommodation available – rooms vary from medieval to modern, and you can usually express a preference for en suite or shared bathroom facilities. Whatever the style, you have a room of your own and access to a shared kitchen and laundry room. All colleges provide a library and computer suite too, amongst a range of other facilities (see p116-7).

Somewhere to relax

The main social hub of every College is its common room and/or bar (also known as a JCR, or Junior Common/Combination Room), usually offering TVs, newspapers, pool tables, or computer games.

Colleges have a wide range of sports and music facilities too – such as playing fields, gyms, music practice rooms and performance venues. See p19-21 for more information about music and sport at the University.

Somewhere to eat

At Cambridge, you don't have to choose between 'catered' or 'self-catered' accommodation. Basic self-catering facilities are available if you want to cook for yourself, and all Colleges provide dining facilities where you can buy cafeteria-style meals as well as three-course dinners (known as 'formal halls') at a reasonable price (see p31).

The Colleges encourage communal dining; it's a chance to catch up with friends and meet new people. A small number of Colleges require you to have a certain number of meals in the Buttery or dining hall each term (see College websites for details).

Porters

Every College has a team of Porters to maintain the safety and security of staff and students. One of the linchpins of College life, the Porters are often a first point of contact about any problems in College or if you need any information.

How much does it cost?

The cost varies from College to College, and usually depends on the type and style of your room (size, en suite etc) but the cost generally covers utilities (water, electricity, heating), cleaning, internet access and basic self-catering facilities. Some Colleges may charge a deposit in addition to your rent. Please check individual College websites for details.

You can find more information about accommodation costs, living costs, tuition fees and financial support on p30-3.



Further information

www.cam.ac.uk/accommodation



¹Accommodation guarantee applies to single undergraduates without children at all Colleges except St Edmund's.

All single undergraduates without children are usually expected to live in College-owned accommodation where possible.

Support

The transition to university study and living away from home can be a big change for many of our students. If you need a bit of extra support while at the University, whether that's with your academic work or personal issues, we have an extensive welfare system in place.

There are various University services and within your College community you have a number of people looking out for your academic and personal welfare and supporting you throughout your time at Cambridge. Students who are struggling with a particular problem or feeling a bit lost won't go unnoticed.

+ 98.5%
of students continue or complete their degree at the University, compared to 90.3 per cent nationally.¹



College welfare

Director of Studies

Your Director of Studies (DoS) is an expert in your subject and usually a Fellow of your College (a senior member of the College whose main duty is teaching, administration or research). Appointed to look after your academic welfare, they:

- advise you on your subject and course choices
- help arrange your supervisions
- monitor your progress and help with any problems arising from your studies

They're also involved in the admissions process and they usually conduct interviews.

Tutor

As well as a DoS, you have access to a College Tutor, who's also an academic but normally in a different subject from yours. They're there to protect your interests and provide pastoral support, and can advise you on any personal or financial matters.

College staff

Colleges have a variety of people you can turn to for medical or personal support (or just a cup of tea and a chat), such as a nurse, counsellor, and/or chaplain.

Students supporting students

Throughout the University and Colleges, there's an extensive student-run welfare network. Every College students' union has its own welfare officer or team that can provide support and advice to students. Many Colleges also assign 'College parents' (students in other years) to new students to help them settle in.

Cambridge SU runs campaigns and initiatives about issues that matter to the student community. As every student is a member of the SU, Cambridge SU seeks to represent them all effectively.

In addition to this, most clubs, societies and College students' unions have officers representing various groups within the University. They are able to provide support and advice to ensure all of our students enjoy their time at Cambridge.

Student Advice Service

The Student Advice Service provides free, confidential and impartial advice to students by phone, email or video call. Working independently of the Colleges and University, the Advice Service offers help to undergraduate, graduate and postgraduate students across a range of areas, from making friends to working relationships, exams to intermission, and welfare concerns to finance.

www.cambridgesu.co.uk/support/advice

Counselling

The University's Counselling Service offers a free and confidential service to all students at the University. Professional counsellors, mental health advisers and the University Sexual Assault and Harassment Adviser are available to talk through any personal or emotional concerns that you might have during your time at the University. More information, as well as a wide range of self-help resources and access to workshops, is available from the Service's website (www.counselling.cam.ac.uk).

Student parents and childcare

The University's Childcare Office operates the Information Service that provides comprehensive guidance on family-related matters such as childcare, schooling, healthcare, financial support and local community resources. The Childcare Office also oversees the facilities and assistance available to student parents, including the West Cambridge and Eddington Nurseries, and the Holiday Playscheme.

Some Colleges can provide family accommodation (see the individual College websites). Where this isn't available, please refer to the central Accommodation Service (www.accommodation.cam.ac.uk).

Further information

Childcare Office

- ☎ 01223 332249
- ✉ childcare@admin.cam.ac.uk
- 🌐 www.childcare.admin.cam.ac.uk



You can find more details about the support available when you arrive at the University and throughout your time as a student in our settling in video.



Watch the video:
www.cam.ac.uk/support

¹ Higher Education Statistics Agency; all UK domiciled full time first degree entrants (March 2020).

Disabled students

The Disability Resource Centre (DRC) offers guidance, information and support, and is an essential contact for disabled applicants, including those with a specific learning difficulty, mental health conditions, or long-term health conditions.

The DRC supports applicants, offer holders and students with disabilities including:

- specific learning difficulties (including dyslexia and dyspraxia)
- physical/mobility impairments (including people with upper limb disorder/WRULD)
- sensory impairments (eg hearing, visual)
- mental health difficulties (eg depression, anxiety disorder)
- long-term health conditions (eg cancer, chronic fatigue syndrome, HIV, diabetes, epilepsy)
- Asperger syndrome, autism and ADHD

If you're considering Cambridge, you're advised to get in touch with the DRC and a College admissions office as early as possible to discuss your application and specific requirements. We strongly recommend that you indicate your disability and provide any relevant information in your UCAS application. Such disclosures are looked at separately from academic assessment and allow us, for example, to make appropriate adjustments to the interview process, if needed. If a particular College meets your specific requirements we recommend you apply to that College rather than make an open application (see p115).

Location and accessibility

Students are based in Colleges for day-to-day living and go to a faculty/department for lectures, practical work etc. Therefore, we encourage you to visit before applying to assess the suitability of your intended College and department, including their locations relative to each other.

The DRC's online Building Access Guide is a useful starting point for information regarding facilities and accessibility (www.disability.admin.cam.ac.uk/building-access-guide).

Study and academic support

With your agreement, the DRC liaises with relevant University and College staff before you start to ensure that appropriate support requirements are established. If you require support workers such as note-takers, specialist one-to-one study skills tutors or mentors, the DRC's Non-Medical Help (NMH) Scheme may be able to help.

Other support may also be available through Disabled Students' Allowances (DSAs). Visit www.gov.uk/disabled-students-allowances-dsas for more information.

Examination access arrangements

If you require specific arrangements for examinations (such as additional time, someone to write on your behalf and/or use of a computer), the DRC can advise how to organise such arrangements via your College Tutorial Office. Please note that arrangements, and evidence required, at university may differ from those at your school/college.

Specific learning difficulties (SpLDs) including dyslexia and dyspraxia

If you have an SpLD you must have a current diagnostic assessment report as evidence for obtaining appropriate adjustments. Information about diagnostic assessments is available from the DRC's Neurodiversity Team and on the DRC website.


Financial support

Currently, UK students can apply for Disabled Students' Allowances (DSAs) to cover some of their support costs. It's important that you begin the application process for DSAs as soon as possible to ensure any available support is in place for the start of term. In addition, there are specific University funds that disabled students from the UK, EU and overseas may apply for (see the DRC website for details). The DRC can advise offer holders on appropriate funding applications.

Further information

Disability Resource Centre

 01223 332301

 disability@admin.cam.ac.uk

 www.cam.ac.uk/disability



Alternative formats

The information in this publication can be found on our website at: www.undergraduate.study.cam.ac.uk.

However, if you'd like some information in an alternative format (eg large print) please contact the Cambridge Admissions Office to discuss your requirements.

Cambridge Admissions Office

📞 01223 333308

✉ admissions@cam.ac.uk

Care leavers and estranged students

Further support is available for care leavers at the University, including a guarantee of 365-day accommodation, if required. Care-leaver students could also receive enhanced financial support, such as a higher level of the Cambridge Bursary (see p32).

In order to ensure you get the support available to you as a care leaver, you should indicate in your UCAS application that you've spent time in care.

The University also provides support, including year-round accommodation and an enhanced bursary, to estranged students.

If you are or have been in care or estranged, or you're supporting a young person currently or previously in care and would like to find out more about visiting or studying at the University, please see the website or contact the Widening Participation Team. Students can also contact the team when they arrive in Cambridge to find out more about the support available.

Further information

Widening Participation Team

📞 01223 766872

✉ realise@admin.cam.ac.uk

🌐 www.cam.ac.uk/careleavers



Money

Going to university is an investment in your future. Whichever university you apply to, you need to consider the cost of your tuition and your living (or 'maintenance') costs. These amounts can seem daunting but there's lots of support available to help you finance your studies.

+ Cost effective

The University's plentiful resources include specialist computer rooms and more than 100 libraries which can help to keep your study costs low.

Tuition fees

The University is committed to providing a world class education and access to the very best teachers, resources and support. Therefore, we invest significantly more than the government regulated tuition fee on each student every year to ensure you get the most from your Cambridge education.

The tuition fee for Home fee status students starting their first undergraduate degree in 2021 will be £9,250 for the year.¹ At the time of going to print, the government regulated tuition fee for 2022-23 hasn't been set. It may be different from the tuition fee for 2021 and details will be published on the Undergraduate Study website as soon as they are available; see: www.cam.ac.uk/ugtuitionfees.

You should check the website for the most up-to-date information on tuition fees before applying and prior to accepting an offer from the University should your application be successful.

Currently, Home students can take out a government loan for their tuition fees. At the moment, students can defer payment of the loan until after they've left university and are earning a minimum salary, at which point the loan is repaid in instalments. Refer to the appropriate student finance award agency for details of tuition fee support (p33).

For more details about the fee status of EU nationals for 2022 entry, please check our website: www.cam.ac.uk/eu.

Fee status

If you're unsure whether you're classed as Home or international/overseas for fee purposes, you can find more information at: www.undergraduate.study.cam.ac.uk/international/fee-status.

¹ Islands students (Channel Islands and Isle of Man) are usually classified as international students and so charged tuition fees at the international rate. They also have to pay College fees (see details on p39 and at www.cam.ac.uk/uginternationalfees). Students studying for a second undergraduate degree or taking a year abroad should refer to the website for information regarding fees (www.cam.ac.uk/ugtuitionfees).

+ Extensive support

The University and Colleges offer a range of financial support. See p32-3 for more details.

Cost-effective living

'Living costs' cover whatever you need to pay for, excluding tuition fees, while you're at university. For example, accommodation, food, course costs/study materials, personal expenses and transport.

We've estimated that in 2021-22 students should allow approximately £9,890² for living costs in Cambridge for the year (though this will vary depending on lifestyle and students should allow for increases in future years). Living costs for international students and for those who choose to stay in Cambridge during the vacation periods will be higher. See p39 for more details.

Living Costs 2020-21

Accommodation	£120-£200 per week ³ £140-£210 en suite, per week ³
College meals	£4-£7 per meal
Additional course costs	Dependent on course (see right)
Transport in Cambridge	Cheap or free!
You should allow for increases in subsequent years. The weekly accommodation cost will vary across the 29 undergraduate Colleges.	

Accommodation

Most Colleges offer a range of accommodation to suit your preference and affordability. The table below details the median weekly rent across our 29 undergraduate Colleges. The weekly rent and the length of your accommodation contract will vary depending on your College choice – minimum contract lengths in 2020-21 range from 27 to 39 weeks. Please see individual College websites for details about accommodation costs, contract lengths and additional charges.

Food

Colleges provide basic self-catering facilities as well as cafeterias/dining halls (see also p25). Some levy a separate charge towards the running costs of the College kitchens – a Kitchen Fixed Charge which ranges from £195 to £575 per year in those Colleges that make such a charge – while others include this within their accommodation costs. Some Colleges also have a minimum meal charge, which is paid in advance and provides credit for meals bought in College. Please see individual College websites for details.

- Individual meals typically cost £4-£7.
- Many Colleges have regular 'formal halls' (three-course dinners) that are also great value, usually at around £9-£15 at most Colleges.

Additional course costs

These costs are in addition to tuition fees and living costs and will vary depending on your course but may include you having to pay for your own:

- personally-owned equipment (eg calculator, lab coat)
- photocopying
- study materials (eg paper, pens, books)
- travel costs (eg field or dissertation research trips)

The University's numerous libraries and IT facilities (see p14-5) help to keep your costs down and many Colleges and some departments offer grants to help with particular costs.

You can find specific details of additional course costs on our website (www.cam.ac.uk/courses).

Personal expenses

What you spend on food, clothing, transport etc depends on your lifestyle. However, there are lots of free recreational facilities plus loads of College-based and student-run activities that don't cost very much. What's more, Cambridge is a small place so transport in the city is cheap or free: most students walk or cycle and there's a 'Universal' bus service that offers discounted fares to students.

² Figures rounded up to the nearest £10.

³ Figures based on the median room costs for first year undergraduate students in 2020-21. Students should allow for price increases in subsequent years of study. A choice of shared bathroom and en suite rooms is not available at all Colleges and figures do not include any deposits that may apply. Costs have been rounded up to the nearest £10. Please see individual College websites for further details.



Financial support

You now have a reasonable idea of the costs involved for Home fee status students studying at Cambridge, but what about financial support? Well, there's currently a range of help available, including:

- government student loans for tuition fees and living costs
- the Cambridge Bursary Scheme
- College awards

Some support is currently available to all eligible Home fee status students. Eligibility for other government and University funding usually depends on your financial circumstances. You should refer to the appropriate finance award agency website for the most up-to-date information and guidance (see opposite). For more information about the financial support Cambridge offers to eligible students, please refer to our website for details and the latest figures (www.cam.ac.uk/studentfinance).

For more information about tuition fees and the financial support available for international students, see p39. Students from the EU should check our website for updates (www.cam.ac.uk/eu).

Cambridge Bursaries

The Cambridge Bursary Scheme is a long running initiative, which gives non-repayable bursaries for living costs to eligible students. This financial support and the College support detailed below is offered in addition to any government financial support you might receive. Elements of the scheme (such as eligibility criteria and bursary value) are currently being reviewed – please check the website regularly for updates.

College awards

Additional sources of funding may be available from your College, such as:

- book and equipment grants to help with specific study-related costs
- scholarships and prizes for academic or other achievements
- travel grants for academic work and personal enrichment
- grants and loans to help deal with unforeseen financial difficulties
- supplementary bursaries for living costs/maintenance

Information on any such funds is available from each College (www.cam.ac.uk/collegeawards).

Part-time work

The University takes the view that our students shouldn't undertake paid employment during term-time – it's important that you have an appropriate work-life balance, and we offer a range of financial support to help you manage the costs of university study. However, there may be a few opportunities available within the University and Colleges that are exceptions to this, such as working in the College bar, College library or as a student helper during open days.



Further information

www.cam.ac.uk/cambridgebursary

Student Finance



To find out more and watch our helpful video guide, visit www.cam.ac.uk/studentfinance

Student finance award agencies

Government financial support arrangements can vary according to where you're from in the UK. Please refer to the relevant organisation for the most up-to-date details and guidance.

Information about government financial support is correct at the time of printing but is subject to change and/or government approval.

Student Finance England and Non UK Team

 www.gov.uk/studentfinance

Student Finance NI

 www.studentfinancenl.co.uk

Student Awards Agency Scotland (SAAS)

 www.saas.gov.uk

Student Finance Wales

 www.studentfinancewales.co.uk

Please note that you're strongly advised to apply for financial support as early as possible. Applications for government support will open early in 2022 and you don't need a confirmed place at a university to apply for this.



Careers

Whether you're sure of the career you want to pursue when you graduate or you're looking to explore your options, we'll help you to prepare for your future.



Transferable skills

The majority of graduate employers recruit students with any degree discipline. It's the flexibility of your degree, as well as the range of transferable skills that you develop, that are of interest to employers.

Cambridge students are typically ambitious, intelligent, motivated, hard-working, passionate, committed, curious, intellectually creative, independent thinkers, and able to manage their time effectively. Employers know this and look for the same attributes in potential new employees, which is why our graduates are so sought after.

Dedicated support and guidance

Once you're at Cambridge, you can work with our dedicated Careers Service from day one to explore your career options. The team of experienced and impartial careers advisers can help you connect with employers and navigate the complex job market, saving you time and maximising your employability prospects. The Careers Service run a range of workshops on topics including choosing a career, cover letters, applications and getting ready for interviews. They also organise more than 200 careers events and briefing and skills sessions, and typically around 15 major careers fairs each year.



Monica
History graduate

Monica graduated with a History degree in 2018 and the transferable skills she gained have allowed her to take an unconventional career journey. After graduation, Monica took some time to consider her options, travelling the world for eight months as cabin crew at British Airways. She is currently working at PwC after successfully completing their Management Consulting Graduate Scheme.

"For upcoming graduates who may be stressed about deciding upon a career, I would advise taking your time until the right opportunity for you opens up. The Careers Service can be really helpful in connecting you to alumni. But don't fret if you don't have a clear idea of your career goals in your final year; sometimes it's best to dip your toe in a few areas first as you might surprise yourself and fall in love with a vocation that you wouldn't have expected!"

Read more about our graduates' career destinations on the Careers Service website: unicamcareers.edublogs.org



Further information
www.careers.cam.ac.uk

+ 89%

of our students who responded to the Graduate Outcomes Survey were in work or further study within 15 months of graduating.¹

Networking opportunities

The Careers Service's alumni database, GradLink, will give you access to contact details for over 1,200 Cambridge alumni working in a huge range of industries who can offer first-hand advice. The Service also runs more than 50 employment-related skills training sessions and can offer information on occupations, further study courses and funding.

Graduate employment destinations

Our graduates go on to work in a wide range of industries, from social work and education to legal activities and finance. The list below shows the top ten occupations of respondents to the Graduate Outcomes survey (15 months after graduation).¹

- 1 Medical practitioner
- 2 Programmer/software development professional
- 3 Management consultants and business analysts
- 4 Finance and investment analysts and advisers
- 5 Marketing associate professionals
- 6 Business and related associate professionals
- 7 Secondary education teaching professionals
- 8 Primary and nursery teaching professionals
- 9 University researchers
- 10 Higher education teaching professionals



Further information

www.information-hub.admin.cam.ac.uk/university-profile/graduate-outcomes

Further study

Our degrees don't just prepare you for employment – usually, more than a quarter of our graduates each year progress into further study or training.¹ We offer world-leading graduate education, with over 300 graduate courses spanning 21 types of qualification. Visit www.postgraduate.study.cam.ac.uk for more details.

¹ Based on responses to the Graduate Outcomes survey. This records the outcomes of students who completed their studies between August 2017 and July 2018. 62.4 per cent of graduates responded to the survey.

+ Top 10

in the UK for graduate prospects (Complete University Guide 2021).

Internships and work experience

Our industry connections provide a range of opportunities for you to undertake work experience, enhancing your CV ready for graduation. Thousands of opportunities are publicised across all sectors on the Careers Service's Handshake site, with bursaries offered to support unpaid opportunities with charities.



Zain

Mathematics graduate

Zain spent the summer between the second and third years of his Mathematics degree interning as a data scientist at Satavia, an up and coming aviation tech company. Zain graduated in 2019 and is now using his experience in his current role as a Software Engineer at QuantumBlack.

"Working at a start-up appealed to me as I was guaranteed to be working in an energetic environment where I would have the opportunity to take responsibility and have a far-ranging impact on the company. It also meant that I'd have a chance to work on a broad range of areas.

The internship was everything I expected and more. I had the chance to make core business decisions and was able to see and work on almost every part of the company. The experience really solidified the idea that I wanted to work in the tech industry when I graduated."

Find out about internships and placements on the Careers Service website: www.careers.cam.ac.uk



Mature Students

If you'll be aged 21 or over by 1 October in the year in which you hope to come to Cambridge you'll be applying as a mature student. We have around 540 mature undergraduates studying for their first degree at Cambridge, many of whom are in their 20s.

Colleges

Mature students can apply to any of the undergraduate Colleges, though most choose one of the three Colleges that are exclusively for students aged 21 or over – Hughes Hall, St Edmund's College or Wolfson College. Mature students who make an open application (see p115) are allocated to one of these Colleges.

Supporting mature students

The support detailed on p26-9 extends to mature students, and we're committed to making sure you feel part of your College community.

Mature students are also eligible for a range of financial support, and may be eligible for a higher level of Cambridge Bursary.

Entrance requirements

The nature and demands of Cambridge courses mean they require academic preparation, and mature students must be of an equivalent academic standard to school leavers. Therefore, you're expected to demonstrate evidence of recent academic achievement at a high level, for example in one or more A Levels, an Access to HE Diploma, or an Open University course.

Many of our courses require specific academic preparation. Please read the information on Access to HE Diplomas on p150 carefully, and contact one of the mature-student Colleges for advice.



Further information
www.cam.ac.uk/mature



UCAS Information
www.ucas.com/maturestudents

Applying

Mature students apply in the same way as school leavers (see p4-11). Please also note:

- after you've submitted your UCAS application, you may need to fill in an additional questionnaire(s) which we'll send you links to by email (see www.cam.ac.uk/apply for more details)
- those applying for the Graduate Course in Medicine need to complete an additional application form as well as the UCAS application (see p91)
- applicants to Chemical Engineering, Computer Science, Engineering, Medicine, Natural Sciences, and Veterinary Medicine are required to take the relevant pre-interview written assessments
- applicants to Economics, English, and Land Economy are not required to take the pre-interview written assessment for their subject but may do so if they wish. Candidates who do not take the pre-interview assessment will take a written assessment at interview instead

Application deadlines

The standard deadline for applications to be received is **15 October**. However, the three mature-student Colleges consider applications from mature students and for second undergraduate degrees in some subjects as part of a second application round, the deadline for which is **1 March 2022**.

Those considering applying in the second application round (or for entry in future years) should consult the mature-student Colleges' admissions offices for advice.

Application deadlines for mature applicants

15 October 2021

- Mature students applying for any subject to a standard-age College or in the first application round to one of the mature-student Colleges.
- Mature students making an open application.

1 March 2022

- Mature students applying to Hughes Hall, St Edmund's College or Wolfson College¹ to study any subject except Architecture, Chemical Engineering, Computer Science, Engineering, History of Art, Medicine, Graduate Course in Medicine, Music, Natural Sciences, Philosophy, Veterinary Medicine.

Second undergraduate degrees

If you're a graduate with a first or 2.1 Honours (or equivalent) in an approved undergraduate degree from another university, you can apply to take a second undergraduate degree at Cambridge.

Applicants for a second undergraduate degree may apply for the full course or as an affiliate student. Affiliate students take the Cambridge course in a year less than usual.

Please note that there are some restrictions:

- affiliate students can't make an open application or apply for Architecture, History and Modern Languages or History and Politics
- some Colleges may not accept affiliate applications for other courses (see College websites for details)
- only Lucy Cavendish, St Edmund's and Wolfson Colleges consider affiliate applications for Medicine and Veterinary Medicine

Tuition fees for Home fee status students taking a second undergraduate degree (regardless of whether they are taking the affiliate or full course) may be different to the standard Home fee – see online for details (www.cam.ac.uk/ugtuitionfees). EU and international students should visit www.cam.ac.uk/uginternationalfees.

Students studying for a second degree normally have to pay a separate College fee as well (see p39; this doesn't usually apply for Architecture, Medicine and Veterinary Medicine).

You should allow for annual increases to tuition and College fees, and note that there's very little financial support available. Annual increases will be determined by various factors (eg cost of delivering educational and related student services, changes in government and other funding), and will usually be in line with the prevailing UK rate of inflation.



Further information
www.cam.ac.uk/mature

¹ Please note that for Law, applications to Wolfson College must be submitted by the 15 October deadline.

International Students

More than 25 per cent of our undergraduates (around 3,200 students) are from outside the UK, representing more than 90 countries.



A global community

Cambridge has a diverse and vibrant community, making it a great place to be a student. As well as having access to the vast range of societies on offer to all Cambridge students (p16-21), there are also a number of events and societies specifically for international students. So, if you want to meet and socialise with other students from overseas, there are plenty of ways for you to do so! For more details see the Undergraduate Study website and the international student pages on the Cambridge SU website (www.cambridgesu.co.uk).

"Cambridge has certainly lived up to my expectations, but seeing it in brochures versus living here is very different. I really enjoy being around the historical atmosphere and architecture – which I didn't really expect! While there's academic prestige to consider, there're also lots of other things to do – I've found lots of stuff to get involved in!"

Cheryl
Hong Kong



Help and support

There are plenty of people around the University who can offer help and support while you are in Cambridge (see p26-9). Our Language Centre can also help you develop your academic communication and language proficiencies through the ADTIS In-Sessional Programme. You can find out more at www.langcen.cam.ac.uk/adtis/in-sessional.

You can get a taste of student life here by joining the University's Virtual Festival of Learning. For more than a century, the University's International Summer Programmes have brought people together face to face, and in Summer 2020, the first Virtual Festival took place. The Festival featured over 85 online courses and offered a new way of sharing inspirational learning with our global community. To find out more about upcoming Festivals and to register your interest, visit www.ice.cam.ac.uk/virtualfestival.

Fees and funding

Costs

International student costs at Cambridge include tuition fees, separate College fees and living costs. Visa applications require you to prove in advance that you can finance all these costs. Colleges also ask for financial guarantees. The University takes the view that students should not undertake paid employment during the academic session, as it's important that you have an appropriate work-life balance.

- Tuition fees: the international/overseas fee rate which varies by course. For information on tuition fees for 2022 entry, please see the website where fee details will be published as soon as they are available: www.cam.ac.uk/uginternationalfees.
- College fees: all international/overseas fee status students, and those Home fee status students who aren't eligible for tuition fee support, normally have to pay an annual College fee in addition to University tuition fees (www.cam.ac.uk/ugcollegefees). Net College fees in 2021-22 range between £9,300 and £10,470. See individual College websites for fees for 2022-23 onwards.
- Living costs: your living expenses may be higher than for a UK student (eg if you stay in Cambridge/the UK during vacations). In 2021-22, the minimum resources needed in Cambridge for the year (excluding tuition and College fees) are estimated to be approximately £11,480¹, depending on lifestyle (you should allow for increases in future years).

¹ Figure rounded up to the nearest £10.

Financial Support

The financial support available for international undergraduates is limited but at Cambridge this includes Cambridge Commonwealth, European and International Trust awards; College awards; and country-specific scholarships. Few full undergraduate scholarships are available – most support is a partial contribution and is means-tested. Details about these funding sources are available from: www.cam.ac.uk/uginternationalsupport.

Applying to Cambridge

All applicants must complete a UCAS application and an additional questionnaire online by the relevant deadlines (see www.cam.ac.uk/apply). If you do not qualify for Home fee status, you may also have to complete an additional form/application. Please check the website for details.

You can find information about country-specific entry requirements, English language requirements, interview details and the application deadlines for 2022 entry on our website: www.cam.ac.uk/apply.

Visas and immigration

The University's International Student Office provides a visa advice service to assist students sponsored by the University in applying for a student visa. The primary source of information on all matters concerning immigration is the Home Office.

It's your responsibility to ensure that you understand and fulfil the immigration requirements for your student visa application and comply with the conditions of your visa during your studies.

Further information

International Student Office

 www.internationalstudents.cam.ac.uk

Home Office

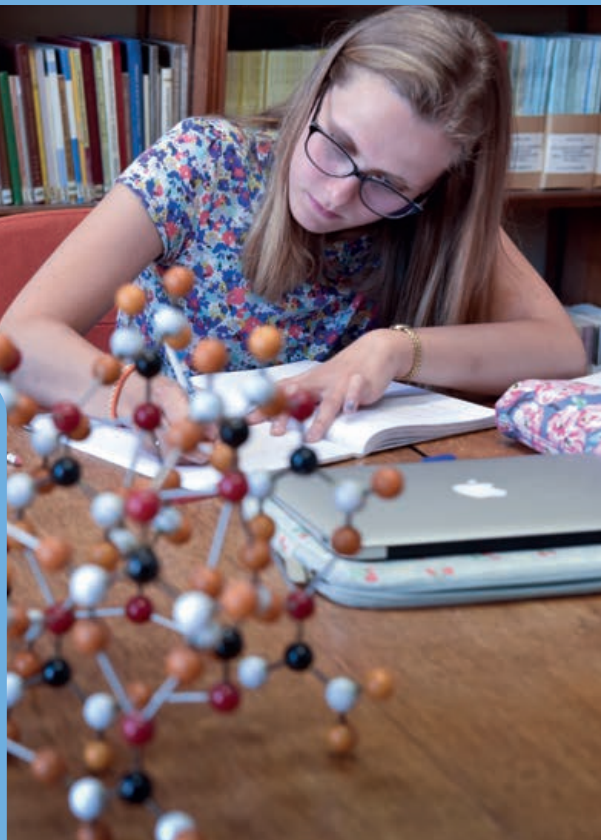
 www.gov.uk/browse/visas-immigration/student-visas

Visit our website for help and advice specific to the country you are applying from and to read our *International Undergraduate Guide*.

 www.undergraduate.study.cam.ac.uk

Courses

At Cambridge, we offer a range of courses, across the arts, humanities, and sciences. One of the most distinctive characteristics of our courses is that they generally cover the subject area very broadly in the initial years and then offer a wide range of specialist options in the later years.



If you know what you want to focus on you can usually start to specialise early on or, if you're undecided, you can delay specialising until you've had the chance to fully explore the breadth of your subject and developed your interests. Either way, by graduation you'll have the same depth of understanding and knowledge as other graduates in the field.

Generally, the number of subjects to choose from increases each year and some papers (topics) are offered in numerous courses – check the course outlines for more details. For example, some Classics and language papers are available in the English course.

Beyond any compulsory papers, you can usually select your topics from a variety of options.

If the subject you're looking for doesn't appear in any of our course titles check the course contents overleaf, where all of our subjects, and the courses they're offered in, are listed.

Tripases

Sometimes, at Cambridge, your course might also be referred to as a Tripos. For example, the Mathematics course may also be known as the Mathematics Tripos.

Using our course pages

On each course page, you'll find information about course structure and content, and important admissions details to help you decide which is the best course for you.

Course outline

You'll find the details of what you'll study each year in the course outline. You can also find out more about how you'll be taught (including contact hours) and the assessment methods that form part of your course. At Cambridge, the main form of assessment is written examinations.

Typical offers

The Colleges expect required subjects to be passed, normally with an A* or A at A Level/grade 7 or 6 at Higher Level of the IB (or equivalent). For courses that don't have particular subject requirements, high grades are expected in your subjects most relevant to the course.

To help you get an idea of the best subjects to study for your chosen course, we have included the following subject details on each entry:

- all Colleges require – subjects that are essential for all Colleges
- some Colleges require – subjects that are essential for some Colleges
- useful preparation – subjects that aren't required by any Colleges (so won't affect admissions decisions) but which can provide useful preparation for the course

You should visit the relevant course webpage for details of the entry requirements at each College (www.cam.ac.uk/courses).

Admission assessments

Most applicants are required to take a subject-specific written admission assessment. The type of admission assessment required for each course (pre-interview or at-interview) is noted in the course fact file.

In addition to these assessments, some Colleges require applicants for some courses to take a College set assessment at interview (this may be in addition to a pre-interview assessment). You should check individual College websites for details of their admission assessment arrangements, and mature students should refer to p36-7 for more information.

For more details about admission assessments and what they involve see p8 and visit www.cam.ac.uk/assessment.

Course statistics

We've included application and admissions statistics for 2020 entry in each course fact file. The University admitted a higher number of students in 2020 than usual, following changes to the awarding of A Levels (and equivalent qualifications) in Summer 2020. Please visit our website to find further statistics from previous years (www.cam.ac.uk/ugstatistics).

Contact details

Department and faculty contact details can be found in the top bar on each spread. You can contact the course teams for specific details.



Undergraduate Study website
www.cam.ac.uk/courses

Next steps

When you've chosen your course, you'll need to decide which College to apply to. There's more information about how to choose a College on p114-5.

Please note

We may need to make changes to the delivery of our courses due to the COVID-19 pandemic and/or Government guidelines and restrictions. It is very important that you check the University and department/faculty websites detailed throughout for the most up-to-date information before applying or accepting an offer to study at the University. Please see p159 for more details.

**Check the next page
for our course contents**



Our courses

We offer 30 undergraduate courses at Cambridge, covering more than 65 subjects. See the index (p156-8) for a full list of subjects.

Anglo-Saxon, Norse, and Celtic	44
Archaeology	46
<i>Archaeology, Assyriology, Biological Anthropology, Egyptology</i>	
Architecture	48
Asian and Middle Eastern Studies	51
<i>Arabic, Chinese, Hebrew, Japanese, Persian</i>	
Chemical Engineering	54
Classics	56
Computer Science	58
Economics	60
Education	62
<i>Education, Psychology and Learning; Education, Policy and International Development; Education, English, Drama and the Arts</i>	
Engineering	65
<i>Aerospace and Aerothermal Engineering; Bioengineering; Civil, Structural and Environmental Engineering; Electrical and Electronic Engineering; Electrical and Information Sciences; Energy, Sustainability and the Environment; General Engineering; Information and Computer Engineering; Instrumentation and Control; Mechanical Engineering</i>	
English	68
Geography	70
History	72
History and Modern Languages	74
<i>History and French, German, Italian, Portuguese, Russian or Spanish</i>	
History and Politics	75
History of Art	76
Human, Social, and Political Sciences	78
<i>Politics and International Relations; Social Anthropology; Sociology; Politics and Sociology; Social Anthropology and Politics; Social Anthropology and Religious Studies; Sociology and Criminology; Sociology and Social Anthropology</i>	
Land Economy	80
Law	82
Linguistics	84
Management Studies (final year only)	112
Manufacturing Engineering (final years only)	113
Mathematics	86
<i>Including Mathematics with Physics</i>	



You can hear more about our courses, directly from the students studying them, in our course videos. Follow the link on each course webpage to watch the video for your chosen course and find out what it's like to study at Cambridge.

Medicine	88
<i>Including Graduate Course in Medicine</i>	
Modern and Medieval Languages	93
<i>French, German, Italian, Portuguese, Russian, Spanish</i>	
Music	96
Natural Sciences	99
<i>Astrophysics; Biochemistry; Biological and Biomedical Sciences; Chemistry; Earth Sciences; Genetics; History and Philosophy of Science; Materials Science; Pathology; Pharmacology; Physical Sciences; Physics; Physiology, Development and Neuroscience; Plant Sciences; Psychology; Psychology, Neuroscience and Behaviour; Zoology</i>	
Philosophy	102
Psychological and Behavioural Sciences	104
Theology, Religion, and Philosophy of Religion	106
Veterinary Medicine	108

Changing course

Most students stay on the same degree course but it may be possible to change (with agreement from your College). See the course entries on our Undergraduate Study website for more common changes and contact a College for advice.

Foundation Year in Arts, Humanities and Social Sciences



A free and fully-funded one year course designed to offer a stepping stone to Cambridge for those who have experienced educational disadvantage.

On the Foundation Year you can expect an exciting and challenging academic curriculum in the arts, humanities and social sciences. This offers the best possible preparation for the rigours of a Cambridge degree course by broadening and deepening your knowledge and understanding as well as introducing you to the ways students learn at Cambridge.

Applicants should apply via UCAS by **15 January 2022**.

Course outline

You will study a specially designed, multidisciplinary course that focuses on developing your learning skills and preparing you for degree study. You can choose papers from across a number of streams, allowing you to gain subject knowledge relevant to your future degree course. You will be taught through lectures, seminars and supervisions and develop your ability to take philosophical, reflective and critical approaches to different sources, using a range of methods of analysis.

After the Foundation Year

You will gain a Certificate of Higher Education from the University of Cambridge on successfully finishing the course, as well as being equipped to continue to a number of degree courses in the arts, humanities and social sciences. Completing the course to the required standard will allow you to progress to one of 18 degree courses at the University, including Classics (p56), English (p68), History (p72), Human, Social and Political Sciences (p78), and Modern and Medieval Languages (p93). Please visit the website for the full list of courses.

During the Foundation Year, you will also be supported to apply to courses at other universities.

Fees

There are no tuition fees charged for the Foundation Year. However, if you continue to study at Cambridge by progressing to a degree course you will need to pay the tuition fee for that course. You will also receive a non-repayable scholarship during the Foundation Year, equivalent to the value of the government's full maintenance loan and a Cambridge Bursary (see p32). Visit our website to find out more.

Fact file

Duration One year - CertHE

2020 entry

This is a new programme for 2022 entry.

Eligibility

This course is open to students ordinarily resident in the UK only. To be considered for this course you must have experienced educational disadvantage or disruption. Full details on these criteria are available at www.cam.ac.uk/foundationyear.

Typical offers require

120 UCAS Tariff Points (academic points only)

No specific subjects required by any Colleges

Admission assessment

Pre-interview written assessment

Colleges

Available at selected Colleges.

See www.cam.ac.uk/foundationyear for a full list.

Related courses

See www.cam.ac.uk/foundationyear for the full list of courses you can study after completing the Foundation Year.

Anglo-Saxon, Norse, and Celtic



If you're fascinated by medieval history, literature and languages, and you relish the prospect of doing your own research using original source materials, this course – unique in the UK to Cambridge – will appeal.

A voyage of discovery

From the history and culture of Anglo-Saxon England, and Celtic languages to Viking exploits, Anglo-Saxon, Norse, and Celtic (ASNC) allows you to explore a range of cultures, and to look at history, language and literature side by side.

ASNC focuses on the history, material culture, languages and literature of the peoples of Britain, Ireland and the Scandinavian world in the earlier Middle Ages.

ASNC students discover medieval history while learning one or more languages and reading great works of literature in the original languages, such as the Old English poem *Beowulf*, the epic medieval Irish tale *Táin Bó Cúailnge* (*The Cattle Raid of Cooley*) and Icelandic sagas. Exactly which areas you study and to what depth is largely up to you and, to support your learning, Cambridge has rare and exceptional resources to offer in the University Library, the College libraries, and in the Fitzwilliam and other museums.

What are we looking for?

No previous knowledge of the subject is expected or required; all languages are taught from scratch and we don't assume that students have studied early medieval history or literature at school. However, we do require passion and commitment, and look for evidence of your general ability in arts and humanities subjects.

After ASNC

This unusual and challenging degree develops your powers of argument and sharpens your powers of analysis. It equips you for a wide range of careers where intellectual and analytical skills are important.

'Asnac' (as they like to be called) graduates can be found in a wide range of careers. Some take advantage of the specialist opportunities open to them and do research and teaching in schools and universities, or work in museums and libraries; while many others go into careers including journalism, publishing, banking, law, the Civil Service, industry and business, and even software development.

"I couldn't decide which I preferred out of history and literature, and ASNC offered me the opportunity to combine both those interests."

Ben

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 2
Number accepted: 26

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation English (Language or Literature), History, a language (ancient or modern)

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

See Department website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Archaeology	46
English	68
History	72
Human, Social, and Political Sciences	78
Linguistics	84
Modern and Medieval Languages	93

Course outline

Teaching is provided through lectures, classes, seminars and supervisions and you can expect between 10 to 15 hours of lectures and classes per week during Part I.

Years 1 and 2 (Part I)

Year 1

In the first year, you study the various disciplines which form the core of ASNC studies.

There are no compulsory papers – you choose six subjects from a range of 10; and take an examination in four of them and departmental tests in the other two.

Historical subjects:

- Anglo-Saxon history
- Scandinavian history
- Gaelic history (Scotland, Ireland and the Isle of Man)
- Brittonic history (Wales, Brittany, Cornwall, the Pictish kingdoms and the North Britons)

Language and literature subjects:

- Old English
- Old Norse
- medieval Welsh
- medieval Irish
- medieval Latin
- palaeography (the study of manuscripts and handwriting)

Year 2

In your second year, you may continue to study your chosen subjects and take an examination in all six of them. Alternatively, you have the option to replace up to three of your first-year subjects with a dissertation and/or one or two papers from related courses – currently these include subjects from Archaeology, English, and Modern and Medieval Languages.

Year 3 (Part II)

This is where you develop and use the skills you learned in Part I, exploring your chosen fields and applying your newly acquired knowledge in original and imaginative ways.

You study four subjects selected from a range of 17 papers including, for example:

- Rethinking the Viking Age
- *Beowulf*
- Germanic Philology
- Advanced Medieval Irish Language and Literature

These are designed to give you the opportunity to pursue more detailed study in your chosen areas. You may replace one of your four Part II ASNC papers with a paper from another course. The range of subjects available varies each year but currently includes medieval English literature, medieval French literature, historical linguistics, and a subject from the Faculty of History. You may also replace one of your Part II subjects with a Part I paper that you didn't offer for the examinations at the end of your second year.

In addition, you write a dissertation of between 9,000 and 12,000 words on a specific subject of your own choice within the scope of the course.



Archaeology



Are you curious about humanity's deep past? Human evolution and biology, ancient cultures and languages, early civilisations and how heritage affects identity and politics today are just some of the topics you can study on our Archaeology course.

Archaeology at Cambridge

Students at the Department of Archaeology are part of a diverse research community. Our course encompasses Archaeology, Assyriology, Biological Anthropology and Egyptology. Its flexibility means you can either specialise from Year 1, or opt for a broad start before concentrating on up to two subjects from the second year.

- **Archaeology** uses material evidence, from molecules to monumental structures, to explore the human past and understand past societies.
- **Assyriology** is the study of the languages, cultures, history and archaeology of ancient Mesopotamia (Sumer, Babylonia and Assyria).
- **Biological Anthropology** investigates human evolution and diversity, biology and behaviour, and the interaction between biology and culture.
- **Egyptology** is the study of the history, languages, society, archaeology and religion of ancient Egypt.

Teaching and resources

Our Archaeology degree is one of the most dynamic of its kind. The research we do ranges widely across time and locations, from discovering where the gold from Tutankhamun's mask came from, to studying the population genetics of south-east Asian islands, to uncovering the impact of plague on medieval Cambridge. Our staff are at the forefront of research, involving students through fieldwork and research projects. Over the course of your degree, you might find yourself studying the behaviour of chimpanzees, learning about our oldest human ancestors, translating Egyptian hieroglyphs, learning about radiocarbon dating, or examining imagery in a Babylonian poem.

Our excellent resources include the Cambridge Archaeological Unit (a dedicated professional field unit), purpose built laboratories and dedicated libraries. In addition, the Duckworth Collection of human and primate skeletal remains and fossil hominin casts, the Museum of Archaeology and Anthropology, and the Fitzwilliam Museum provide access to collections of primary sources of world importance.

After Cambridge

Our course offers the theoretical foundation and training in standard methods and specialised techniques required for academic and professional practice.

The intellectual versatility and transferable skills that our students develop – the ability to think critically, analyse texts, handle data and work collaboratively – mean they're widely sought after by employers. Graduates have gone on to work in the commercial archaeology sector in the UK and internationally as well as for other heritage organisations such as the National Trust and Historic England. Recent graduates have also gone into law, advertising, media, conservation, health and further academic study.

"The ability to study the anatomy of the past and present undoubtedly provided the most challenging and interesting parts of my degree, giving me transferable skills which I can carry into my future career."

Helen

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 2
Number accepted: 24

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation Classics, Geography, History, a language (ancient or modern), science subjects, social science subjects

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Queens'

Location

Map reference D (see p154-5)

Open days 2021

See Department website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Asian and Middle Eastern Studies	51
Classics	56
Geography	70
History	72
Human, Social, and Political Sciences	78
Natural Sciences	99

Course outline

You have between six and eight lectures and one or two supervisions each week. You may also have language classes, seminars and/or practicals.

You're assessed each year through written exams and coursework. Some papers include assessed practicals/fieldwork. Most students write a 10,000 word dissertation in Year 3.

Year 1 (Part I)

You pick three from seven core archaeology, language and biological anthropology options. Your fourth can be another core subject paper, or you can choose a psychology, social anthropology, politics and international relations or sociology option.

Years 2 and 3 (Part II)

You can pursue one of four single-subject tracks as detailed below. The tracks can also be combined allowing you to study Archaeology and Biological Anthropology or Assyriology and Egyptology.

Archaeology

In Year 2 (Part IIA), you take three papers in theory and practice, data analysis, and the archaeology of a particular period or region. The fourth paper is either another period/region option, a biological anthropology paper or a paper chosen from another course such as Classics or Human, Social and Political Sciences (HSPS).

You complete four weeks of fieldwork before starting Year 3 (Part IIB). In Year 3, you write a dissertation and study advanced archaeological thought, archaeology in the wider world, plus additional options from within this track or from another course such as Classics or HSPS.

Assyriology

You take four papers in Year 2 (Part IIA): Mesopotamian archaeology, Babylonian language, Mesopotamian culture and one from other course options (one can be from Classics or HSPS).

You undertake a four-week study tour and/or fieldwork before starting Year 3 (Part IIB). In Year 3, you take further papers in Babylonian and Assyrian language, Mesopotamian archaeology, Mesopotamian culture, or Sumerian language. The fourth paper can be your dissertation, another period/region option, a biological anthropology paper, or one from another course such as Classics or HSPS.

Egyptology

In Year 2 (Part IIA), you take papers in Egyptian language and archaeological methods and concepts, plus two papers on society, religion and death in Ancient Egypt.

You undertake a four-week study tour and/or fieldwork before starting Year 3 (Part IIB). In Year 3, you take three papers: one Egyptian language paper, one Egyptian archaeology paper and a third on either Egyptian language or Egyptian archaeology. You will also write a dissertation.

Biological Anthropology

In Year 2 (Part IIA), you take a paper on data analysis and interpretation, plus two papers from: human ecology and behaviour, human evolution, and comparative human biology. You select your fourth paper from options offered elsewhere in this course, or from another course such as Psychological and Behavioural Sciences (PBS) or HSPS.

In Year 3 (Part IIB), you take a paper on major topics in human evolutionary studies and write a dissertation. You also take further papers chosen from a range of areas including biological anthropology, archaeology and PBS.

Architecture



The only Cambridge degree that combines the intellectual challenges of both arts and sciences with the opportunity for creative design.

Exceptional learning environment

The Department of Architecture at Cambridge is an exciting place to study. Regularly lauded as one of the leading architecture schools in the world, students study under the guidance of world-renowned researchers and ground-breaking practitioners.

Creativity, curiosity and strong intellectual grounding are central to the course. Our innovative design programme is balanced with outstanding teaching in the history and philosophy of architecture, contemporary culture and urbanism, as well as construction, structural design and environmental design.

Our small, friendly Department has a good staff to student ratio, and the supportive community atmosphere gives students the opportunity to push the boundaries of the field and to extend their own abilities in exciting new directions. Facilities include a superb library, reprographics areas, workshops, studios and spaces for larger installations.

Professional qualification

Successful completion of our full three-year undergraduate course carries exemption from the Architects Registration Board (ARB)/Royal Institute of British Architects (RIBA) Part 1 – the first stage in qualifying as an architect.

The Department offers two routes to professional accreditation (ARB/RIBA Parts 2 and 3):

A full-time, two year Professional Masters course, which carries exemption from ARB/RIBA Part 2 followed by a one year, part-time Postgraduate Certificate in Professional Practice which carries ARB/RIBA Part 3 exemption.

- A part-time, four year MSt Apprenticeship, during which you work throughout. See www.ice.cam.ac.uk/course/mst-architecture-apprenticeship for more details.

When you have completed all three parts of the ARB/RIBA requirements, you will be able to register as an architect with the ARB.

What we're looking for

You must have an enthusiasm for both the arts and the sciences. The ability to draw and an interest in the history of art and architecture are essential, as is a knowledge of mathematics to at least a good GCSE standard.

Portfolio

Admissions Tutors want to see something that illustrates your interests, experience and ability in the visual and material arts. This may include drawings, paintings, sculpture and/or photography. See the Department website for more advice.

Careers and research

Many graduates continue into professional training, but many choose to enter other creative fields or research. We have a long-standing tradition of research excellence in areas such as history and philosophy of architecture, environmentally responsible design, architecture and the moving image, urban design and transport planning, and disaster relief.

"A smaller student body than usual means your studio tutors have a lot more time to respond to your work and constructively help you to progress creatively."

Jasper

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 9
Number accepted: 51¹

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

Applicants are expected to show a portfolio of recent work at interview (see opposite)

No specific subjects required by all Colleges

Some Colleges require

AS or A Level/IB Higher Level Mathematics or Physics; A Level/IB Higher Level in an essay-based subject

Admission assessment

At-interview written and practical assessments (see p41 and www.cam.ac.uk/assessment)

Colleges

Available at all Colleges except Hughes Hall and St Catharine's

Location

Map reference L (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Engineering	65
History of Art	76
Land Economy	80

¹ Planned intake of 60 students from 2021 onwards.

Course outline

Usually, you are taught in our studio – where you have your own dedicated design space – two days a week, during which you are set projects that require you to produce models and drawings to communicate your ideas. You are supervised on studio work in individual tutorials and group critical reviews, which encourage you to explore different approaches and develop essential design skills. The resulting portfolio accounts for 60 per cent of your overall marks each year.

Lectures, classes and visits to completed buildings or buildings under construction/restoration cover the rest of the curriculum. In addition to the two studio days, in the first year you typically attend six or seven lectures each week; and one or two classes and two or three small-group supervisions each fortnight, for which you're required to complete essays and undertake preparation.

Year 1 (Part IA)

The studio work introduces the possibilities of architecture, with an emphasis on understanding and developing proficiency in traditional modes of architectural representation – models, collage, perspectives, elevations, plans and sections. You also master basic CAD skills, used in studio presentations. A compulsory study trip abroad usually takes place during the Easter vacation.

You take five lecture-based papers:

- Introduction to Architectural History/Theory (pre-1800)
- Introduction to Architectural History/Theory (post-1800)
- Fundamental Principles of Construction
- Fundamental Principles of Structural Design
- Fundamental Principles of Environmental Design

Assessment is through coursework and written examinations.

Year 2 (Part IB)

You choose from various options for studio work, with projects ranging in scale from mapping studies and interior interventions, to reasonable-sized buildings. Emphasis is on integrating the technical skills learnt in Part IA and in the ongoing Part IB lectures with your studio output. A voluntary study trip is usually offered.

In addition, you take five papers that build on your Part IA knowledge:

- Studies in History and Theories of Architecture, Urbanism and Design (essays)
- Studies in History and Theories of Architecture, Urbanism and Design (examination)
- Principles of Construction
- Principles of Structural Design
- Principles of Environmental Design

For the first, you submit two essays, and for the second you sit a written examination. The remaining three papers are assessed by a written exam in each.

Year 3 (Part II)

You choose from three studio options that vary in approach but all require you to produce a building design at the end of the year, the technical realisation of which is allied to a coherently framed conceptual approach. Again, a voluntary study trip is usually offered.

Four lecture-based papers together carry 20 per cent of your overall marks:

- Advanced Studies in Historical and Theoretical Aspects of Architecture and Urbanism
- Management, Practice and Law
- Advanced Studies in Construction Technology, Structural Analysis and Environmental Design Related to Case Studies
- Architectural Engineering (examined entirely by coursework)

A written dissertation of 7,000-9,000 words on a topic of your choice accounts for the remaining 20 per cent of your marks.



十
株式会社加島映画
加島和彦

株式会社塚本組
代表取締役 塚本武

高槻給食株式会社
代表取締役 高槻哲司

株式会社三鶴工業所
代表取締役 植田哲司

市東山区本町十五丁目二八六
大阪府西區報本町二丁目四番一號

名古屋市中區中野町二丁目二五七
名古屋市中區大森四一〇五

兵庫県川西市大開町二ノ八
兵庫県川西市大開町二ノ八

大阪府八尾市金輪町一丁目五八
大阪府八尾市金輪町一丁目五八

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平成十二年三月吉日建之
十四年二月吉日建之
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Asian and Middle Eastern Studies

You do not need prior knowledge of the languages or cultures of East Asia or the Middle East to study them at Cambridge but you do need imagination, determination, curiosity and a sense of adventure.

Broaden your horizons

Our course explores contemporary global cultures through the in-depth study of language, culture and history, giving you knowledge and practical skills that can be used in many careers. The areas you can study in the Asian and Middle Eastern Studies (AMES) course stretch from Japan in the East to Morocco in the West, and from classical times to the present day.

Discover global cultures

AMES courses are very flexible and offer numerous options and combinations through which to pursue your interests. You do not need to have studied Asian or Middle Eastern subjects at school, so the best preparation is for you to explore yourself what interests you about the language and culture you choose to study.

- **Chinese** gives you China in its own words. You encounter a sophisticated civilisation and the most vibrant economy in the world today. You delve into its 3,500 years of recorded history, poetry and philosophy to understand how they shaped the tumultuous changes of modern times, and to engage with contemporary society.
- **Japanese** While rooted in a vibrant cultural history, Japan is one of the world's most dynamic societies, a leader in industry, technology and popular culture. On our course you gain unrivalled mastery of Japanese while developing in-depth understanding of Japan's history, literature, society and politics.

- **Arabic** is the native language of around 200 million people in the Middle East and North Africa. It is the sacred language of Islam and a language of medieval high culture, whose scientific and philosophical works helped kick-start the Renaissance. Our course gives you access to this heritage and to the modern societies and cultures nurtured by it.
- **Hebrew** is the language of the Old Testament, medieval Jewish culture and the modern state of Israel. Our course offers classical (Biblical) and/or modern Hebrew and its literature, and the history and culture of Israel and the modern Middle East. You can also study Aramaic.
- **Persian** is the language of modern Iran and variants of it are also spoken in Tajikistan and Afghanistan. It was one of the major languages of the pre-modern Islamic world and has a world famous poetic and literary tradition and a vibrant contemporary culture which our course will introduce you to.

"Being introduced to so many ways of thinking about history and culture taught me not only to look beyond popular stereotypes of the Middle East but also to examine how and why they were constructed. I gained a more complex understanding of the richness and dynamism of the region, in both its past and present."

Jeson



Flexibility: our range of options

Chinese and Japanese are only offered as single subjects and cannot be combined with another language. However, those studying Japanese will have the option to take Korean in Year 4.

Arabic, Hebrew and Persian can be combined with each other or with a modern European language which you have studied to A Level/IB Higher Level or equivalent. Arabic and Hebrew can also be taken as single subjects. Persian must be combined with another Middle Eastern or European language in Years 1 and 2.

Students taking one of the Middle Eastern languages will have the option to study Hindi from Year 2 or Sanskrit in Year 4.

You will be asked to indicate which language(s) you are interested in studying as part of the application process.

Our teaching

Knowledge of the language(s) is central to our course. Part I (Years 1 and 2) gives a strong grounding, and in Part II (Years 3 and 4) you study at an advanced level enabling you to speak fluently and read confidently by the end of Year 4. Alongside the language(s), there's a wide range of topics on offer including history, literature, religion, anthropology, linguistics and cinema (depending on your chosen subject area).

Living and learning abroad

The third year is spent abroad – a fantastic opportunity to immerse yourself in the culture you are studying and improve your language skills. Chinese and Japanese students study at a Faculty-approved university in the appropriate country. Japanese studies also offers some internship opportunities. Students of Arabic, Persian and Hebrew have some choice of which country they go to and what they do. Students generally take a Faculty-approved language course or study at a local university, and some combine this with voluntary work.

Versatility: your choice of careers

The range of career options open to AMES graduates is vast and many use their subject directly in subsequent employment. Career choices include the media, business and commerce, the Civil Service (especially the Foreign Office), tourism, teaching overseas and NGOs. Our graduates have also gone into banking, marketing and law. Even if you choose not to stay in a related field, employers are often impressed by your choice to study a difficult language.

"Doing a dissertation gave me the opportunity to consolidate my research and Japanese language skills in a project where I could explore my own specific interests. The chance to produce a piece of writing at research level has also helped me develop tools that have been invaluable for navigating the competitive graduate job market."

Lara



Fact file

Duration Four years – BA (Hons)
(Year 3 spent abroad)

2020 entry Applications per place: 2
Number accepted: 49

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

All Colleges require

A Level/IB Higher Level in the European language (if you want to combine with a European language)

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

See Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

History	72
History of Art	76
Linguistics	84
Modern and Medieval Languages	93
Theology, Religion, and Philosophy of Religion	106

Course outline

Teaching is made up of lectures, seminars, language classes and supervisions – you can generally expect 12-14 hours of teaching each week.

You are assessed at the end of each year through written and oral examinations, and/or coursework. Depending on your choice of language(s), you take four to six papers in Years 1, 2 and 4, including a dissertation of 12,000 words in your final year.

You spend Year 3 abroad. See the website for full course details.

If you combine a Middle Eastern with a European language, you study both roughly equally in Year 1 but after that you can balance them as you wish. If you combine both to Year 4, you spend Year 3 in the Middle East.

Years 1 and 2 (Part I)

In Year 1 (Part IA), you study your chosen language(s) intensively, in both written and spoken forms. You take introductory papers on East Asia or the Middle East, depending on the language(s) that you are studying.

In Year 2 (Part IB), you continue to study your chosen language(s). There are literature and history papers (compulsory for those taking Chinese or Japanese) and you also choose from a number of optional papers, some borrowed from other courses. The topics offered vary from year to year but currently include:

- Chinese – dynastic and modern China, Chinese thought, Chinese literature, classical Chinese, popular China, globalisation in China, cinema, linguistics
- Japanese – Classical Japanese, Japanese history, Japanese literature, Japanese society, Japanese politics since 1945, cinema, linguistics
- Arabic, Hebrew, and Persian – literature (Arabic, Hebrew, Persian), classical Islamic civilisation, formation of the modern Middle East, the anthropology of Islam, Hebrew culture, Hindi, cinema, linguistics, Islam, Judaism

Years 3 and 4 (Part II)

In Year 3, you spend at least eight months abroad developing your language skills and deepening your understanding of the culture that you are studying.

In Year 4, you write a dissertation and take four further papers, including at least one advanced language paper. You choose your other papers from a list of specialist options, some borrowed from other courses. The topics offered vary from year-to-year but currently include:

- Chinese – early and Imperial China, China during the second world war, modern Chinese literature, pre-modern Chinese literature, contemporary Chinese society, Chinese linguistics, China in the International Order, Chinese religions
- Japanese – Classical Japanese, contemporary Japanese society, Japanese politics and international relations, Japanese history, Japanese literature, Korean
- Arabic, Hebrew, and Persian – classical and/or modern literature (Arabic, Hebrew and Persian), empires of the Persianate world, imperialism and Islamic law, pre-modern Islamic cities, the invention of Israeli culture, Semitic linguistics, Sanskrit, Hindi, Islam, Judaism

Chemical Engineering



Chemical engineers design and operate industrial processes that convert raw materials into valuable products. The need for more sophisticated products and sustainable processes means chemical engineers are in great demand.

Chemical Engineering at Cambridge

Our course concentrates on the scientific principles that underpin chemical and biochemical engineering. These principles are needed to develop processes and products that address some of the problems currently facing humanity. These include the energy transition away from fossil fuels, the need for sustainable food and water supplies as climate change occurs, and the provision of improved healthcare.

The aim is to produce graduates who meet the needs of today's process industries by providing a thorough understanding of the subject, technical competence and transferable skills. The underlying theory is complemented by lectures and projects that teach process and chemical product design.

We have strong links with industry. The course is supported by a consortium of seven industrial companies which provide input on content and assist with teaching. These links also mean that there are opportunities for vacation placements with some of the world's top companies.

Teaching and facilities

Our Department enjoys a reputation for excellence in its teaching and research, regularly topping national league tables. The Department's purpose-built building features the highest quality teaching and research facilities.

Qualifications and accreditation

It is possible to graduate with a BA degree after three years. However, virtually all students stay for the fourth year leading to the BA and MEng degrees (progression to the fourth year is dependent on satisfactory performance). The four-year course is accredited by the Institution of Chemical Engineers, meaning that after graduation you can apply for Chartered Engineer status once you have four years of relevant experience without taking further exams.

After Cambridge

Within chemical engineering there are many well-paid career opportunities. You might work as a field engineer, be part of a research team, or become a senior manager within industry. Chemical engineers also secure jobs outside the discipline because of their broad range of skills. Previous graduates have gone into the chemical, process and food industries, and finance and management consultancy, as well as further study.

"Superb department – there's an overwhelming feeling of friendliness, huge links with industry, great research, and the course structure is excellent. You can't go wrong."

Carl

Fact file

Duration Four years – MEng

2020 entry Applications per place: 9
Number accepted: 40

Typical offers require

A Level A*A*A

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

ENGINEERING ROUTE

All Colleges require

A Level/IB Higher Level Mathematics,
Chemistry and Physics

Some Colleges require

STEP I (see p150)

NATURAL SCIENCES ROUTE

All Colleges require

A Level/IB Higher Level Chemistry
and Mathematics

Some Colleges require

A Level/IB Higher Level Physics; A Level
Further Mathematics

Admission assessment

Pre-interview written assessment (see p41
and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference W (see p154-5)

Open days 2021

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Engineering	65
Natural Sciences	99

Course outline

You are taught primarily through lectures, which are supported by projects, laboratory classes, supervisions and coursework.

In a typical week you attend 10 lectures and have two supervisions. You also undertake fortnightly projects.

Assessment is by written examinations during the final term of each year, and coursework which makes an increasing contribution to your marks each year.

Years 1 and 2 (Part I)

Year 1

Chemical engineers spend their first year studying either Engineering or Natural Sciences. These routes provide equally good preparation for becoming a chemical engineer and are taken up by a similar number of students.

Year 2

From Year 2, you are based within the Department of Chemical Engineering and Biotechnology. You study compulsory topics within five themes:

- fundamentals – fluid mechanics, mass and heat transfer, thermodynamics
- process operations – reactors, separators, biotechnology
- process systems – safety, economics
- mathematical methods – mathematics
- enabling topics – depending on your first-year subject, you have additional lectures and practicals on either chemistry or mechanical engineering

You also take laboratory classes and undertake regular assessed project work. Towards the end of the year, you perform the mechanical design of an item of process equipment such as a heat exchanger.

Year 3 (Part IIA)

The third year includes further compulsory topics within four themes:

- fundamentals – fluid mechanics, heat transfer, thermodynamics
- process operations – reactors, separators, bioprocessing, particle processing
- process systems – process dynamics and control, process synthesis, safety
- enabling topics – materials, mathematics

After the written exams in the third term, you undertake a group project that requires five weeks of full-time work to design a modern industrial process. You consider all aspects of engineering design (including specification of equipment and control procedures), safety, environmental impact and economic assessment. The design project brings together all the taught subject matter whilst giving you the opportunity to work in a team on an open-ended problem.

Year 4 (Part IIB)

You undertake a project on chemical product design and take a compulsory paper on environmental aspects of chemical engineering.

You choose six further topics from a list of optional papers which changes every year to reflect the research interests of academic staff. Some are advanced chemical engineering topics – past examples have included pharmaceutical engineering, electrochemical engineering, rheology and processing, and computational fluid dynamics – and some are broadening material topics from outside the discipline (past examples have included healthcare biotechnology, a foreign language, and entrepreneurship).

In addition, you undertake a research project. This might involve experimental, theoretical and/or computational work. Some projects support ongoing Department research, while others are 'blue sky' investigations leading to new research programmes. Successful projects sometimes lead to students becoming authors of publications in scientific literature.

Classics



Classics at Cambridge isn't just studied as a period in the past, it also looks at how classical culture, language and philosophy have affected the history of Western civilisation right up to the present day.

Classics at Cambridge

The Faculty of Classics is one of the most dynamic of its kind, with an exceptional reputation for teaching and research.

Our course encompasses the history, culture, archaeology, art, philosophy and linguistics of classical antiquity and the study of original texts and artefacts. You can either specialise in a particular field or retain the breadth with which the course starts.

The courses

We offer a three-year course and a four-year course. The three-year course is usually for students with A Level/IB Higher Level Latin or equivalent (regardless of whether they have Greek). We offer an intensive ancient Greek programme for those with little or no Classical Greek.

The four-year course is for those with little or no Latin, and offers a preliminary year which focuses on Latin language and Roman culture. Years 2, 3 and 4 are identical to the three-year course.

If you have A Level/IB Higher Level (or equivalent) Classical Greek but not Latin, you may be advised to take the four-year degree (depending on circumstances – please contact the Faculty/a College admissions office for guidance).

Facilities and resources

The Faculty's facilities include a well-stocked library and our own Museum of Classical Archaeology. In addition, you have access to the holdings of the Fitzwilliam Museum, where some classes take place. There's a

thriving student society, and the renowned Cambridge Greek Play (produced in the original language) is regularly staged by a professional director. We also offer various undergraduate prizes, bursaries and travel grants.

Careers

Studying Classics will help you develop transferable skills that are essential for many careers after graduation. Our students are hard-working, articulate, accurate and efficient, take new tasks in their stride and can master situations intelligently.

Some graduates go into research and teaching in schools and universities, or work in libraries and museums. However, most go into other careers – in law, the media, accountancy, the Civil Service, industry and business. Our graduates include bankers, barristers, solicitors, actors, musicians and theatrical artistic directors.

"The four-year degree has such a warm and encouraging approach, you really feel like part of a high level academic intensive course, and a tight knit family of similar people. I was interested in Classics when I arrived, but the four-year course made me love Classics."

Nathan

Fact file

Duration Three or four years – BA (Hons)

2020 entry Applications per place: 2
Number accepted: 106

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

THREE-YEAR COURSE

All Colleges require

A Level/IB Higher Level Latin (A Level/IB Higher Level Classical Greek is accepted as a substitute at some Colleges)

FOUR-YEAR COURSE

No specific subjects required by any Colleges

Useful preparation Classical Civilisation, English (Language or Literature), History, a language (ancient or modern)

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges

Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

See Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Archaeology	46
English	68
History	72
History of Art	76
Linguistics	84
Philosophy	102

Course outline

During Part IA and Part IB, you have an average of eight to 10 lectures a week, and language classes as needed. You also have at least two supervisions a week in which you discuss your work.

In Part II, you may have Faculty seminars as well as lectures, while

your College supervisions give you the opportunity to research essay topics of your choice in depth.

Assessment is by end of year exams, although in Year 3 you can substitute an exam for a dissertation.

Preliminary Year (four-year course)

You learn to read Latin confidently through language study and the reading of texts from the Roman world. You also study Roman culture, submit essays for assessment, and undertake some preparatory work for taking up Ancient Greek at the beginning of the next year.

Year 1 (Part IA)

Written texts are a major source of evidence for classical antiquity, so you study texts in the original Greek and Latin from the most familiar periods of ancient literature by central authors such as Homer, Euripides, Plato, Virgil, Ovid and Cicero.

You also study elements of ancient history, archaeology, art, philosophy, philology and linguistics to build the broadest possible understanding of the ancient world and our relationship to it. Reading and language classes directed by specialist language teachers, as required, extend your knowledge of the ancient languages. End of year exams test your linguistic and literary comprehension and essay writing skills.

Year 2 (Part IB)

You take six papers, including a paper from each of the following four compulsory groups:

- Greek translation
- Latin translation
- Greek literature
- Latin literature

The remaining two papers are chosen from four on other subjects:

- history
- philosophy
- art and archaeology
- philology

Further optional papers on prose or verse composition in both languages are available if you wish to develop your confidence and creativity in manipulating language.

Year 3 (Part II)

You can specialise within one discipline (eg archaeology) or construct a wide-ranging course particular to your individual strengths and interests.

You choose four papers from a broad range of options, including:

- literature, eg Women and Greek Literature
- history, eg Roman Religion: Identity and Empire
- language, eg Greek in the Bronze Age
- papers from another degree course
- philosophy, eg Aristotle's World, from Turtles to Tragedies
- archaeology, eg Beyond Classical Art
- a multidisciplinary paper, eg Rome – the Very Idea

At the end of the year, you take exams in these subjects or you can substitute one paper with a dissertation on a subject of your choice within the field of Classics. Past dissertations have covered:

- cross-dressing in antiquity
- classical influences on contemporary American poetry
- Greek tragedy and politics
- art and archaeology in Roman Egypt
- the phenomenon of Asterix
- Homer and Virgil
- the nature and role of pleasure in human life

Computer Science



Computer science is a fast-moving field that brings together disciplines including mathematics, engineering, the natural sciences, psychology and linguistics. Our course provides you with skills highly prized in industry and for research.

Computer Science at Cambridge

Cambridge was a pioneer of computer science and continues to lead its development. There are more than 1,000 specialist computing and advanced technology companies and commercial laboratories in the area (known as 'Silicon Fen'). A number of local firms and start-ups support our teaching and employ our graduates, in areas from chip design to mathematical modelling and AI.

Our course is broad and deep – giving skills to create future technology. All aspects of modern computer science are covered, along with the underlying theory and foundations in economics, law and business.

You also develop practical skills, such as programming (in various languages, eg OCaml, Java, C/C++, Prolog) and hardware systems (eg chip design using Verilog).

Facilities and work experience

Our students benefit from the Department's cutting-edge research and extensive facilities. The purpose-built Department of Computer Science and Technology is packed with the latest technology, advanced lecture theatres, dedicated practical rooms, and even a café.

Group projects during the course, where small teams of students deliver a product to an external client, ensure relevant industrial experience. Projects can lead to commercialisation, licensing or employment.

Careers

Our graduates' knowledge and skills embody principles which will outlast today's technology, making them highly sought after by industry and commerce alike.

Many of our graduates go on to work as programmers or software development professionals, with others pursuing further study and careers in teaching and research. Many graduates have founded companies or gained employment in software, hardware, the games industry, finance, communications and commerce.

To get an idea of what's currently on offer to our graduates, visit: www.cst.cam.ac.uk/supporters-club.

"I'd never studied Computer Science formally, so didn't know what to expect. I'm convinced I made the best choice and can't imagine enjoying another course more!"

Chloë

Fact file

Duration Three years – BA (Hons)
Four years – MEng

2020 entry Applications per place: 12
Number accepted: 119

Typical offers require

A Level A*A*A

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No prior knowledge of programming required

All Colleges require

A Level/IB Higher Level Mathematics

Some Colleges require

A Level Further Mathematics;
IB Higher Level Physics

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference W (see p154-5)

Open days 2021

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Engineering	65
Linguistics	84
Management Studies	112
Natural Sciences	99

Course outline

Teaching is provided through lectures, practical classes and supervisions. In Year 1, you can typically expect 20 hours of teaching every week, including up to 12 lectures and practical classes.

In Years 1 and 2, assessment is currently by three-hour examinations taken in the final term of each year. In Year 3, students are assessed

by coursework and three-hour examinations. Practical work is undertaken and assessed in all years of the degree programme.

Please note that successful applicants are required to do some preparatory reading and complete a pre-arrival online course before the start of the first term. Students will be sent details after their place is confirmed.

Year 1 (Part IA)

You take four papers, including three compulsory Computer Science papers – covering topics such as foundations of computer science (taught in OCaml), Java and object-oriented programming, operating systems, and digital electronics, graphics, interaction design – and the Mathematics paper from Part IA of Natural Sciences (www.natsci.tripos.cam.ac.uk).

Year 2 (Part IB)

You take four papers, spanning core topics:

- theory – including logic and proof, computation theory
- systems – including computer design, computer networking
- programming – including compiler construction, advanced algorithms
- applications and professionalism – including artificial intelligence, graphics, security

You also undertake a group project that reflects current industrial practice.

Year 3 (Part II)

You choose from a large selection of topics which allows you to concentrate on an area of interest to you, such as computer architecture, applications (including bioinformatics and natural language processing) or theory. New topics inspired by current research interests include cloud computing, data science and robotics.

All students also work on a substantial project demonstrating their computer science skills, writing a 10,000 word dissertation on it. Projects are often connected with current Cambridge research and many utilise cutting-edge technology.

Year 4 (Part III, optional integrated Masters)

The fourth year is designed for students considering a career in academic or industrial research. You explore issues at the very forefront of computer science and undertake a substantial research project.

Progression to Part III is dependent on Part II examination achievement. Successful completion of Part III leads to the MEng qualification, as well as the BA degree attained at the end of Part II.

Economics



Our Economics course provides a rounded, rigorous education in economics which is valuable for a wide range of career paths.

Economics at Cambridge

Our course provides a sound understanding of core, pure and applied economics. However, while you study economics in considerable depth in this specialised degree, you employ ideas and techniques from many other disciplines too; including mathematics and statistics, history, sociology and politics. Therefore, our graduates are extremely well-qualified for a wide range of jobs and further courses.

Teaching and resources

Past and present Faculty members, such as Alfred Marshall and John Maynard Keynes, have played a major role in the subject's development and several have been awarded the Nobel Prize in Economics (Sir John Hicks, James Meade, Sir Richard Stone, Sir James Mirrlees and Amartya Sen). The present Faculty remains committed to using economics to improve public policy and recent staff have been active on, among other bodies, the Monetary Policy Committee of the Bank of England and the Competition Commission, and they advise international agencies such as the United Nations, World Bank, International Monetary Fund and Organisation for Economic Co-Operation and Development.

Other benefits for Cambridge Economics students include access to an extensive range of statistical databases and software, and the Marshall Library of Economics, which holds a comprehensive collection of books, journals and other papers in economics. The student-run Marshall Society organises social events and informal lectures from distinguished visiting speakers.

Careers and research

At Cambridge, you develop skills in understanding complex arguments, analysis of practical issues and of data, and effective communication. Such skills are valuable in many careers, but particularly in professional, financial and managerial occupations. They also provide an advantageous foundation for numerous Masters degree courses.

Many graduates go on to professional training in chartered accountancy, actuarial work and similar fields. Others are employed by financial institutions, or as professional economists in industry, government and management consultancy.

"I love the Economics course here – from history and politics to game theory and econometrics, the course hones both your quantitative and qualitative skill sets. You don't just learn economics but, far more valuably, how to think critically like an economist."

Farid

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 8
Number accepted: 165

Typical offers require

A Level A*A*A

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

All Colleges require A Level/IB Higher Level Mathematics

Useful preparation Further Mathematics

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Newnham and Wolfson

Location

Map reference S (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Geography	70
History	72
Land Economy	80
Management Studies	112
Mathematics	86

Course outline

Teaching is provided through lectures, classes and supervisions and you can expect between 10 and 15 lectures each week in the first year.

Assessment is mainly through formal written examinations that take place at the end of each year and the compulsory dissertation in

Part IIB. Typically, you have one three-hour exam for each paper covered that year. In Part I, the British Economic History paper is assessed via an exam paper and a project. There is also a project within the Econometrics paper in Part IIA, as well as essay work for the History and Philosophy of Economics paper.

Year 1 (Part I)

Part I provides an introduction to the subject, a common core of knowledge which can subsequently be extended. There are five compulsory papers:

- Microeconomics
- Macroeconomics
- Quantitative Methods in Economics
- Political and Social Aspects of Economics
- British Economic History

Through these papers you cover topics such as supply and demand, the role of prices and markets, employment, inflation, the operation of financial institutions and monetary policy. The Quantitative Methods paper provides an introduction to the use of mathematical and statistical techniques in economics, and is assessed by a written exam.

Year 2 (Part IIA)

Part IIA consists of three compulsory papers:

- Microeconomics
- Macroeconomics
- Theory and Practice of Econometrics I

You also take one optional paper, chosen from:

- International Trade and Development
- Modern Societies
- Mathematics and Statistics for Economists
- Labour
- Modern State and its Alternatives
- International Conflict, Order and Justice
- History and Philosophy of Economics (also available as an optional paper in Part IIB)
- World Depression in the Interwar Years (also available as an optional paper in Part IIB)

Through these papers you acquire knowledge and an understanding of a range of key topics and analytical techniques in microeconomic and macroeconomic theory, develop knowledge of key econometric techniques, and learn the IT skills needed to undertake a project in applied econometrics.

Year 3 (Part IIB)

The final year consists of two compulsory papers:

- Microeconomic Principles and Problems
- Macroeconomic Principles and Problems

In addition, you take two optional papers and write a compulsory dissertation of 7,500 words.

One of the objectives of the final year is to extend your knowledge of economic theory and train you to apply this theory to practical issues and public policy. Therefore, the optional papers available can vary from year to year but recent examples include:

- Economic Theory and Analysis
- Political Economy
- Banking and Finance
- Public Economics
- The Economics of Developing Countries
- Industry
- Theory and Practice of Econometrics II
- Global Capitalism
- British and European Politics

Education



The Education degree is an interdisciplinary study of the human mind, society and culture, which you can explore alongside one of three specialist fields: Psychology of Learning, Policy and International Development, or English, Drama and the Arts.

Education at Cambridge

Education is one of our most powerful means for change and growth in the modern world. On our course, you follow one of three tracks, studying Education alongside your chosen field of interest, which may include the opportunity to study in other Faculties relevant to your chosen track.

- The **Education, Psychology and Learning** track focuses on education from a psychological perspective, exploring human development and education in a variety of social and cultural environments. This track is accredited by the British Psychological Society (BPS). This means that students who successfully graduate can achieve the graduate recognition needed to pursue a career in psychology (subject to paper choice and degree classification).
- In **Education, Policy and International Development** you consider historical and contemporary discussions concerning these areas, and the role of education in economic and social change.
- **Education, English, Drama and the Arts** develops your specialist interest in literature and/or drama alongside debates around creativity, learning, and global cultures, particularly in fields such as children's literature and applied theatre. You will also have the option of studying practical drama.

Facilities and resources

The Faculty of Education has excellent resources and facilities within a purpose-built building, designed to support teaching, learning and research. There is a psychology laboratory and a library that houses an extensive collection of material on education and related fields. Active research forms the foundation of our teaching, so you're taught by academics at the forefront of their fields, who specialise in cutting-edge research.

Further study and professional qualifications

Our course provides excellent preparation for a wide range of Masters and doctoral research programmes, both at Cambridge – each track has close links to related MPhil programmes within the Faculty – and elsewhere.

Alternatively, for those intending to teach, the course provides a foundation from which to proceed to initial teacher training in primary education or, for those on the Education, English, Drama and the Arts track, in secondary education.

After Cambridge

The career options for graduates are extremely varied and include a wide range of occupations in the UK and abroad. As well as further study and teaching, our students have gone into research, educational psychology and neuroscience, publishing, and the Civil Service. Others now work in government policy and administration, the media, theatre, heritage and museum education, HR, business and consultancy, charities and NGOs, and international development.

"Education as a course and as a concept goes far beyond 'schools': it is a lens through which we can consider the whole of society."

Bali

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 3
Number accepted: 44

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by all Colleges

Some Colleges require A Level/IB Higher Level in a subject relevant to the track you want to study

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Corpus Christi, Girton, King's, Murray Edwards, Newnham, Peterhouse, St Catharine's, Sidney Sussex, Trinity and Trinity Hall (Education, English, Drama and the Arts track not available at Emmanuel)

Location

Map reference N (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

English	68
Geography	70
History	72
Human, Social, and Political Sciences	78
Psychological and Behavioural Sciences	104

Course outline

You will be asked to indicate which track you're interested in studying as part of the application process.

You attend approximately four to six lectures and seminars, and one or two hours of supervision per week.

You're assessed at the end of each year. Depending on the papers studied, this will be through practical work, coursework, written examination, or a combination of these. In the third year, all students also submit a dissertation.

Year 1 (Part IA)

You take four papers, including two compulsory Education papers which have a strong interdisciplinary emphasis, introducing major themes in education:

- Critical Debates in Education – discussing core philosophical questions of education across time and cultures, and key transformations that require a reimagining of education for the 21st Century in light of increased inequality, life-long learning, digitalisation, and globalisation
- Language, Communication and Literacies – exploring the social, psychological and material context within which communication, spoken language and literacy are developed in childhood

Your two remaining papers are determined by the track you are following:

- Education, Psychology and Learning – Learning and Human Development, and another introductory psychology paper
- Education, Policy and International Development – Education, Global Inequalities and Social Justice; and a paper chosen from a list of options (topics may include: social theory; the modern state; international conflict)
- Education, English, Drama and the Arts – Poetics, Aesthetics and Criticism; and another track-specific paper, covering topics such as practical and historical understandings of theatre, literary theory and cultural criticism

Year 2 (Part IB)

In Year 2, you take five papers. Two are compulsory – Designing Educational Research (combining problem-based learning with hands-on activities to introduce key research methods), and The Emergence of Educational Thinking and Systems (exploring the dynamics that shape educational institutions and the implications for communities, societies and power relations) – and you choose your third from several other education topics.

Your other two papers are track dependent:

- Education, Psychology and Learning – a paper providing you with the foundations of psychological study; and a further psychology paper
- Education, Policy and International Development – International Issues in Inclusion and Diversity in Education; and a paper from a list of options (topics may include: international literatures; globalisation; modern societies)
- Education, English, Drama and the Arts – two papers chosen from a range of options, including some papers offered by the Faculty of English (topics may include: international literatures; theatre production and scriptwriting; practical criticism; and a dissertation)

Year 3 (Part II)

In Year 3 you take five papers: a compulsory dissertation of 8,000-10,000 words and two papers on particular issues in Education (topics may include: childhood studies; children's literature; play and creativity). In addition, you will take two further papers. At least one of these will be specific to your track. Topics for these papers may include: neuroscience and learning; applied theatre; inclusion and diversity; gender; policy; and international development case studies.



Engineering

Engineering is about designing processes and making products to solve real-world problems. Our course enables you to develop your engineering knowledge, skills, imagination and experience to the highest levels in readiness for your future career.

Engineering at Cambridge

The Cambridge course is unique. It allows you to keep your options open while equipping you with all the analytical, design and computing skills that underpin modern engineering practice.

Part I (Years 1 and 2) provides a broad education in engineering fundamentals, enabling you to make a genuinely informed choice about the area in which to specialise (many students change direction as a result). Part II (Years 3 and 4) then provides in-depth training in your chosen professional discipline.

Department and facilities

The Department is a leading international centre for research, consistently ranked as one of the highest achieving amongst British universities. We also have strong links with industry, with many research projects funded by industrial companies.

Our facilities are excellent: the Dyson Centre for Engineering Design provides access to traditional hand and machine tools, as well as modern computer-controlled machinery and rapid prototyping; the Design and Project Office is equipped with more than 80 workstations; and the library has 30,000 books and takes about 350 journals. The Department's Language Programme offers specialised courses at all levels in French, German, Spanish, Chinese and Japanese.

Industrial experience

You're required to complete six weeks of industrial experience by the end of the third year, obtained by deferring entry or during vacations. Our full-time Industrial Placement Co-ordinator helps deferred entrants and undergraduates to find suitable placements (in the UK and abroad) and sponsorship.

Exchange programmes

A small number of students spend their third year studying abroad through our exchange schemes with École Centrale Paris and the National University of Singapore (NUS).

Accreditation

The course is accredited by the Engineering Council and by all the major institutions, including the Institutions of Mechanical Engineers (IMechE), Engineering and Technology (IET), Civil Engineers (ICE), and Structural Engineers (IStructE), the Institute of Measurement and Control (InstMC), the Institute of Highway Engineers (IHE), the Chartered Institution of Highways and Transportation (CIHT), the Institute of Physics and Engineering in Medicine (IPEM), and the Royal Aeronautical Society (RAeS). An appropriate combination of Part II papers is required in each case.

"The students on the Engineering course are very friendly, and you get to know lots of people by working on labs together."

Liz



Careers

When you graduate, you're fully qualified in your chosen area, knowledgeable across the range of engineering disciplines, and able to apply new technologies in novel situations, giving you an advantage over engineering graduates from other more narrowly focused courses. Prospects are typically excellent, with 96 per cent of respondents to the Graduate Outcomes survey reporting that they were in employment or further study 15 months after graduation.¹

Our students are in great demand and they go on to careers in all the major industrial and commercial sectors. Positions currently held by some of our graduates include Graduate Engineer, Atkins; Graduate RF Systems Engineer, Airbus Defence and Space; Consultant, TTP plc; Analyst, Goldman Sachs; Real-Time Control and Software Engineer, UK Atomic Energy Authority; Business Analyst, McKinsey & Company; and Manufacturing Engineer, Rolls-Royce plc.

Entry requirements for Engineering

All Colleges require A Level/IB Higher Level Mathematics and Physics

Some Colleges require A Level/IB Higher Level in a third science/mathematics subject; STEP (see p150)

A Level Further Mathematics is very strongly encouraged. If unavailable or you've recognised its desirability too late, we'd advise you to do as much additional pure maths and mechanics as possible, eg by studying advanced material or Further Mathematics AS Level.

All Colleges, except Trinity, welcome applications from students taking A Level Mathematics and a suitable vocational qualification, eg a BTEC Higher National Diploma in an engineering discipline. Applicants are expected to achieve the highest possible grades in A Level Mathematics and the vocational qualification. Those taking the Single Award Applied A Level in Engineering or the Principal Learning components of the Advanced Diploma in Engineering must also be taking A Levels in Mathematics and Physics.

All Colleges welcome applications from students wishing to defer entry in order to pursue an Engineering related gap year. Some Colleges are particularly keen to support such applicants, please see the Department website for details.

¹ Based on responses to the Graduate Outcomes survey. This records the outcomes of students who completed their studies between August 2017 and July 2018. 67 per cent of Engineering graduates responded to the survey.



Course outline

Teaching is provided through a mixture of lectures, practicals, projects and supervisions, and in Year 1 you can typically expect around 22 hours of teaching each week. You're assessed each year through coursework and written exams.

A few students graduate after three years with the BA (Honours) degree. However, most continue to the fourth year (Part IIB), successful completion of which leads to the BA and MEng degrees. Progression to Part IIB is dependent on achievement in Parts IB and IIA.

"The flexibility of the Cambridge course means you don't commit yourself to one particular area before studying them at degree level."

David

Fact file

Duration Four years – MEng

2020 entry Applications per place: 7
Number accepted: 347

Typical offers require

A Level A*A*A

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

See box opposite for subject requirements

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference E (see p154-5)

Open days 2021

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Architecture	48
Chemical Engineering	54
Computer Science	58
Manufacturing Engineering	112
Natural Sciences	99

Year 1 (Part IA)

The broad foundation of the first two years (Part I) gives you an understanding of the basic principles of a wide range of subjects, together with an appreciation of the external pressures under which these ideas are likely to be applied.

In Year 1, you take four papers and sit a three-hour written exam in each:

- Mechanical Engineering
- Structures and Materials
- Electrical and Information Engineering
- Mathematical Methods

You also undertake several coursework activities and projects on topics including structural design, product design, presentation skills, drawing, laboratory experiments and computer programming.

Year 2 (Part IB)

You study eight papers on core subjects at a more advanced level:

- Mechanics
- Structures
- Electrical Engineering
- Information Engineering
- Materials
- Mathematical Methods
- Thermofluid Mechanics
- Business Economics

In the third term, you select two topics from seven engineering disciplines, or one engineering topic plus a language option. These topics are application-focused, emphasise engineering design and introduce the more specialised work of the third year.

Coursework includes laboratory experiments and computing exercises. Several experiments are linked around the common theme of earthquake-resistant structures. A highlight of the year is the compulsory integrated design project where you work in teams of six to design and build robot vehicles which are then tested against each other.

Year 3 (Part IIA)

Professional specialisation begins in earnest and you study 10 papers from an extensive portfolio, from which a core is associated with one of the following disciplines:

- Aerospace and Aerothermal Engineering
- Bioengineering
- Civil, Structural and Environmental Engineering
- Electrical and Electronic Engineering
- Electrical and Information Sciences
- Energy, Sustainability and the Environment
- Information and Computer Engineering
- Instrumentation and Control
- Mechanical Engineering

Alternatively, you can choose (General) Engineering, in which there are fewer restrictions on paper combinations.

In addition, you take an Extension Activity (selected from several topics, including both non-technical options, such as a language course, and technical options designed to introduce you to various measurement and test procedures in your chosen professional area) and, in the final term, choose two from a variety of design and computer-based projects or projects in a foreign language.

Year 4 (Part IIB)

In Part IIB, further specialisation is possible and you select eight papers from nearly 100 options which vary each year. These papers benefit from the Department's research and are taught by experts in the particular field.

A major individual project occupies about half of your time. Many projects are associated with current Department research and have direct industrial input and application. Recent projects include super-tall timber high-rise design, nanotubes and graphene for polymer optoelectronics, a fitness predictor for racing cyclists, and whole-system design of tidal turbines.



English



If you have a passion for literature, we have a challenging course that will inspire you in your reading and develop your critical and imaginative abilities.

English at Cambridge

Over the centuries, many writers have studied in Cambridge: Spenser, Marlowe, Milton, Wordsworth, Coleridge, Byron, Tennyson, Forster, Plath, Hughes, Byatt and Zadie Smith. When established, the Cambridge course was considered daringly innovative and this ethos continues to shape teaching and research.

Today's course balances a strong grounding in literary works written in English with the chance to explore other art forms in relation to literature, the English language, and related intellectual traditions.

Teaching and resources

You are taught by some of the most eminent writers and thinkers who, between them, teach and research almost every aspect of literature. We have no set approach beyond instilling the valuable skills of critical thinking, scholarly rigour and good writing.

You have access to the vast resources of the University Library as well as the Faculty library, which houses around 80,000 books and provides computer facilities, skills training and welcoming features such as 'Tea @ 3'. Our modern Faculty building also includes a drama studio and garden.

Socially, many English students pursue interests in creative writing, journalism and the performing arts.

What we're looking for

English students need an intellectual curiosity which drives them to try new things and ask probing questions. We look for reading beyond the syllabus, and for independent, well-informed critical thinking.

After English

Our students develop the skills of critical thinking, close reading and effective communication. Many draw directly on their subject and pursue careers in arts management or information management, or go into academia or teaching.

Those same skills are valued by employers in many other professions too, such as the Law, the Civil Service, industry, accountancy and social work. And, unsurprisingly, many graduates go on to work in the media, theatre and film or become poets, novelists and playwrights.

"Different lecturers cater for a wide range of interests and subjects. There's something for everyone, and a healthy emphasis on pursuing your own interests that's intellectually liberating."

Camilla

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 3
Number accepted: 232

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

All Colleges require

A Level/IB Higher Level English Literature (A Level/IB Higher Level English Language and Literature may be accepted as a substitute at some Colleges)

Admission assessment

ELAT pre-interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Anglo-Saxon, Norse, and Celtic	44
Classics	56
Education	62
Linguistics	84
Modern and Medieval Languages	93
Theology, Religion, and Philosophy of Religion	106

Course outline

Teaching is provided through lectures, seminars, and small-group supervisions and classes.

You typically attend at least six hours of lectures or seminars, and two to three hours of individual, paired or small-group supervision each

week. You normally write one or two short essays per week which you then discuss with your supervisor.

As well as unseen exams, there's a compulsory dissertation and over the three years you can replace three more of the written exams with coursework. Prizes are awarded for the best work.

Year 1 (Part IA)

You take two compulsory papers:

- Practical Criticism and Critical Practice
- Shakespeare (assessed by a portfolio of essays submitted in Easter Term)

You also start work on two of the period papers, which will be examined in Part IB.

Year 2 (Part IB)

You take one compulsory paper (English Literature and its Contexts 1300-1550) and a further three papers from the following list:

- Early Medieval Literature and its Contexts 1066-1350
- English Literature and its Contexts 1500-1700
- English Literature and its Contexts 1660-1870
- English Literature and its Contexts 1830-1945 or English Literature and its Contexts 1870-Present

One of these papers (with the exception of Early Medieval Literature and its Contexts 1066-1350) can be replaced by a dissertation.

Year 3 (Part II)

You take two compulsory papers:

- Practical Criticism and Critical Practice II
- Tragedy, which ranges from ancient Greek drama to contemporary writing

You also write a compulsory dissertation (of 6,000-7,500 words) and either submit a second dissertation (of 6,000-7,500 words) and take one optional paper, or choose two optional papers. The optional papers change regularly – the following are available in 2020-21:

- Chaucer
- Medieval English Literature 1066-1500: The Medieval Supernatural
- Material Renaissance
- Lyric
- Prose Forms 1936-56
- The Ethical Imagination
- American Literature
- Postcolonial and Related Literatures
- History and Theory of Literary Criticism
- Visual Culture
- Contemporary Writing in English
- Early Modern Drama 1588-1642
- Special Period of English Literature 1847-72
- Love, Gender, Sexuality 1740-1824

Subject to certain restrictions, it is possible to take papers from the Anglo-Saxon, Norse, and Celtic; Classics; or Modern and Medieval Languages courses. Further details of these papers are available on the Faculty website.



Geography



Globalisation, environmental politics, urbanisation, conservation, climate change, glaciation, volcanology, Quaternary science, the future of developing regions, cultural differences – just some of the topics you can study on the Cambridge Geography course.

A degree with global relevance

Geographers study some of the biggest challenges facing our planet, from food security, climate and biodiversity emergencies to pandemics and globalisation, and social inequalities and urbanisation to volcanoes and melting ice sheets. Our Geography course tackles these issues. You do not have to choose whether to specialise in physical or human geography as you can do both in all three years.

Facilities and resources

Our library, at the heart of the Department, contains around 20,000 books, journals and periodicals, and is also a fantastic study space. You will also work in our computer suite and physical geography labs, with some teaching taking place at the Scott Polar Research Institute, another integral part of the Department.

Fieldwork and travel

Fieldwork is a fundamental part of the course and provides an enjoyable way to develop your research skills. There are a number of one-day excursions each year, depending on your choice of papers. In the second year, there is a compulsory residential field class which lasts between five and eight days and takes place either in September, just before you start your second year, or in the second year Easter vacation. Recent locations include destinations in both mainland Europe and the British Isles. Students are required to contribute to the cost of field trips, but costs are substantially subsidised, and financial help is available for eligible students.

Careers

Cambridge Geography graduates are highly skilled in dealing with complex problems, in information retrieval, data management, statistics and specialist software, and are used to working independently and communicating efficiently. Your geography degree opens many career doors allowing you to compete alongside those with degrees in STEM as well as the Arts, Humanities and Social Sciences.

Our graduates enter many different careers, including industry and commerce, social enterprises and charities, planning, teaching, finance, social and community work, environmental management and conservation, the media, politics, and the Civil Service.

"Geography is the only subject which allows me to be globally engaged and culturally agile while I analyse the world's ever-changing landscape and seek solutions to a diverse range of issues we face today."

Riva

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 3
Number accepted: 116

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by all Colleges

Some Colleges require

A Level/IB Higher Level Geography

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Peterhouse

Location

Map reference D (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Education	62
History	72
Human, Social, and Political Sciences	78
Land Economy	80
Natural Sciences	99

Course outline

The degree allows you to study both human and physical geography, although you can choose to specialise in one of these areas from the second year.

You typically have six to eight lectures each week (with associated reading), as well as practicals, laboratory work and field classes.

In addition, you normally have three supervisions a fortnight at which you discuss a topic beyond the material given at lectures, usually based on reading, essay writing, preparation of presentations or answering data response questions.

Year 1 (Part IA)

You're introduced to key themes and issues by studying two core papers:

- People, Place and the Politics of Difference – topics are varied but may include globalisation; cultural geography; sustainable development; historical geography; urbanisation; geopolitics; uneven economies and inequality; health and disease
- Environmental Processes and Change – topics are varied but may include tectonics and volcanism; coastal processes; glacial processes; Quaternary climate change; biogeography; atmosphere and climate

For each paper you are assessed at the end of the year.

You will also attend a range of lectures and lab classes (both physical and computer-based) introducing you to geographical research skills across the subject. These are assessed by means of coursework.

Year 2 (Part IB)

All students take a compulsory paper, Living with Global Change, which examines key concepts and current issues in geography, usually based around the theme of geographical risk (the exact focus varies from year to year).

In addition, you can begin to specialise and select three papers from a choice of six. The list below give examples of the choice that may be offered, but these can change from year to year:

- Austerity
- Development Theories, Policies and Practices
- Citizenship, Cities and Civil Society
- Glacial Processes
- Biogeography
- Quaternary Climates and Environments

You also undertake project work involving field, lab and computer skills and techniques. Projects vary according to which papers you choose, but everyone takes a course in quantitative methods.

You will also take part in a residential field class (five to eight days); these trips usually include a mix of different types of geography and help you to develop knowledge and skills for your dissertation. Assessment in the second year is based on a mix of written examinations for the four papers, and submission of a portfolio of coursework.

Year 3 (Part II)

You can choose either to specialise further or maintain a balance across the subject as a whole. You select four papers from a choice of 12. Papers on offer vary each year but recent examples include:

- Global Urbanism
- Work and Employment
- Political Ecology
- Biogeography
- Glaciology
- Postcolonialism and Decoloniality
- Geographies of the Arctic
- Environmental Knowledge
- Volcanology
- Legal Geographies
- Geographies of Food and Power
- Demographic Continuity and Change
- Life within Limits

These papers are assessed by either written examination or by a combination of written examination and coursework, which typically takes the form of an extended essay or laboratory report or poster presentation.

You also submit a dissertation of 10,000 words on a topic of your choice. Planning for this starts in the second year. Data is usually collected in the summer between your second and third year, with analysis during the third year.

History

Also History and
Modern Languages,
and History and Politics



Our History course offers a huge range of options that span three millennia and circle the globe. It allows you to combine breadth – exploring many different aspects and periods of history – with depth – focusing in on the topics that particularly interest you.

Across centuries and continents

History at Cambridge reflects the quality and breadth of interests of our expert historians and our course has been ranked among the top three of the world's best for several years. The History degree gives you the opportunity to explore the past from many different angles, as well as the interaction between history and other disciplines, including politics, anthropology, sociology, economics and archaeology.

There is ample scope to pursue personal interests and experiment with different historical approaches. Specialist papers allow you to work with source materials as varied as Hollywood movies, Middle Eastern newspapers or medieval plague records. Our academics are active researchers, who publish books and scholarly articles as well as writing and speaking regularly for the wider public and media.

Studying History in Cambridge

Cambridge is an ideal place to study History. There are many libraries, offering a wealth of rare books and manuscripts to students as they embark on their own research projects. The city's museums offer access to an even wider range of sources, unlocking the study of art, material culture, and the history of science.

All undergraduate historians are encouraged to study foreign languages, and specialist support is available in the University Language Centre (see p15).

Careers and research

Cambridge historians acquire a range of skills that are attractive to employers: the ability to work independently, to evaluate evidence, and to present arguments clearly and persuasively.

In the past, our graduates have secured rewarding jobs across sectors ranging from journalism and broadcasting to teaching and research, finance, consultancy, law and public administration.

"The Cambridge course is really broad, both in terms of chronology and geography, so I thought it would give me the opportunity to study lots of different types of history."

Rowan

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 3
Number accepted: 217

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by all Colleges

Some Colleges require

A Level/IB Higher Level History

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Anglo-Saxon, Norse, and Celtic	44
Archaeology	46
Asian and Middle Eastern Studies	51
Classics	56
Human, Social, and Political Sciences	78
Theology, Religion, and Philosophy of Religion	106

Course outline

Teaching includes Faculty lectures and seminar classes and College supervisions. On average, you attend eight to 10 lectures and classes each week. A wide choice of papers is on offer each year, only subject to a few constraints: for example, class sizes are limited on some papers.

You will have regular supervisions, for which you typically write an essay, giving you the opportunity to debate and develop your ideas with an expert in the field.

Papers are typically assessed by examination and coursework including essays and book reviews. There is also an optional dissertation in Year 3.

Year 1 (Part IA)

You take five papers:

- Two Outline papers – these typically survey a long period and broad geographical area. You choose from around ten papers, ranging over Britain and Europe, the Americas, Africa and Asia
- A Sources paper – this examines in detail a body of primary material on a particular historical theme, issue, or event. You choose from a range of options which vary each year
- An Historical Thinking paper – this introduces methods and debates by examining a single work of history that has influenced the discipline
- An Historical Skills paper – this covers the research skills essential in History, such as the use of archives, digital sources, and oral history, as well as quantitative approaches. After an introductory series of lectures, you choose one skill in which to specialise

Year 2 (Part IB)

You take four papers:

- Two Topic papers – these explore focused areas of historical knowledge in depth. You choose from around seventeen papers which represent the diverse research interests of the Faculty's staff
- A Research Project – this paper equips you to undertake your own historical research. Each project covers analytical and conceptual features of a particular area of history, and offers guidance on the methodologies and skills needed to research it
- An Historical Thinking paper – you concentrate on one of several different approaches to history (eg environmental history, material culture, intellectual history)

Year 3 (Part II)

You take five papers, three of which are compulsory:

- Historical Argument and Practice – a general methodological paper that reflects on the broad issues of historical argument and practice arising out of work throughout the degree course (tracing themes ranging from empire to gender, and from revolutions to race)
- A Special Subject – which counts as two papers and provides sophisticated in-depth study of an historical period, process or problem, using primary sources. Topics on offer vary year to year, but currently include the Angevin Empire, early modern memory, the 1848 revolutions, British masculinity, the Belgian Congo, and democracy in India

Additionally, you choose two taught options from amongst the following categories of paper:

- Advanced Topic papers – exploring a complex theme at the forefront of historical scholarship. Topics change from year to year, but currently include the supernatural, medicine, women's work, slavery, and frontiers
- Political Thought papers – examining changing ideas about how societies and individuals should govern themselves and each other

Alternatively, you take one taught option and write a dissertation of 10,000 words, on a topic you devise. Many students find this one of the most rewarding aspects of their time at Cambridge. Recent examples of dissertation topics include Elizabeth I's Scottish correspondence; British India from the standpoint of a nineteenth-century Bengali intellectual; community life on a twentieth-century council estate; and the Iranian revolution in twentieth-century France.

History and Modern Languages

"The breadth and depth of History and ML allows you to explore your interests and discover new ones. It is a course for the curious."

Lucien

This superb joint Honours degree gives you the language skills and historical awareness to better understand foreign cultures and societies – in Europe and beyond.

Course outline

Language options are German, Italian, Russian and Spanish from scratch or post-A Level; Portuguese from scratch; and French post-A Level. You will be asked to indicate which language you are interested in studying as part of the application process.

Teaching is provided through lectures, intensive language classes, seminars and College supervisions. You can typically expect around 14 hours of teaching each week, alongside which you complete translation and other assignments, as well as supervision essays which you discuss with a subject specialist.

There are written exams at the end of each year, plus an oral examination in your chosen language. In the final year, you can offer a dissertation of 10,000 words in place of a written exam.

Year 1 (Part IA)

You receive intensive language training (including translation and conversation) and take an introductory paper on the literature, history, film and philosophy of the country where your language is spoken. You also choose two survey papers in history (you have a choice between lecture and supervision-based papers on in-depth historical topics, and class-based papers that explore different approaches to the study of history).

Year 2 (Part IB)

You continue with classes to improve your language skills, and also choose three advanced papers, including at least one in your chosen language (eg literature, history, film, art, thought) and history (European, global or intellectual).

Years 3 and 4 (Part II)

Year 3

You spend the third year abroad, studying, teaching or on a work placement, while gaining near-native proficiency in your language. You also complete a project, normally on a topic related to the history or culture of the country you're staying in.

Year 4

In the fourth year, you continue with advanced language work, and take three specialised papers from a range of topics related to your language (eg literature, history, film, thought) and history (covering a variety of periods and parts of the world). You must take at least one from each subject.

Fact file

Duration Four years – BA (Hons)
(Year 3 spent abroad)

2020 entry

Applications per place: 3
Number accepted: 33

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

All Colleges require

A Level/IB Higher Level in the language (for languages to be studied post-A Level)

Some Colleges require

A Level/IB Higher Level History; for languages from scratch, evidence of language ability

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges

Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

See the MMLL Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

History and Politics

"I've found it fascinating to study the broad range of topics that History and Politics allows, and to bring together perspectives from both disciplines."

George

This exciting joint Honours degree allows you to study a range of subjects from our highly regarded History and Politics and International Relations courses, together with bespoke papers which explore the relationship between the two disciplines.

Course outline

You take four papers in each year. Teaching is provided through University lectures and classes and College supervisions, for which you typically write an essay and which give you the opportunity to discuss your ideas with a senior academic. In the first year, you can expect between eight and ten hours of lectures and classes a week, along with one or two supervisions.

You're assessed at the end of every year – mostly by three-hour written exams, though some papers are assessed by coursework and in the final year you can replace one paper with a dissertation.

Year 1 (Part IA)

In Year 1, you choose a History Outline paper from a wide range of options, typically including papers on British, European, American, African, and Asian history. You also take two Politics papers – The Modern State and its Alternatives, and International Conflict, Order and Justice – plus a core interdisciplinary paper in Evidence and Argument.

Year 2 (Part IB)

In Year 2, students choose one paper in each of the following categories:

- a paper in International Organisation or Comparative Politics
- a paper in the History of Political Thought
- a further History Topic paper from a variety of options reflecting the diverse research interests of the History Faculty. The papers available each year may vary – see the History Faculty website for those currently offered.

For the fourth paper, you write a long essay of up to 5,000 words on a question drawn from a wide range of subjects in History and Politics.

Year 3 (Part II)

You choose three papers from a wide range of possible combinations, including third-year Politics and International Relations papers (shared with HSPS) and History Special Subjects and Advanced Topic papers. Again, the papers available each year may vary – see the History Faculty website for those currently offered. Alternatively, you can

replace one of these three papers with a dissertation of 10,000 words on a topic of your choice within the scope of the course.

All students also take a core paper called Theory and Practice in History and Politics which engages with key issues such as technology, inequality, power, and war in the light of work throughout the degree course.

Fact file

Duration Three years – BA (Hons)

2020 entry

Applications per place: 4
Number accepted: 62

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by all Colleges

Some Colleges require

A Level/IB Higher Level History

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges

Available at all Colleges

Location

Map reference 5 (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3



History of Art



Fine collections of art, well-stocked libraries and a spectacular architectural environment on your doorstep mean that Cambridge is a particularly rewarding place to study History of Art.

History of Art at Cambridge

Our course covers a wide spectrum of art and architecture from all over the world, from the medieval to modern and contemporary periods. The aim is to foster a wide and deep understanding of art and architecture, and to help you develop visual literacy and awareness, as well as a range of critical and analytical skills.

A treasury of resources

There's no substitute for looking at the real objects and we take full advantage of Cambridge's outstanding resources, including the Fitzwilliam Museum and its conservation departments, the recently expanded galleries of Kettle's Yard, and the Colleges' architecture and art collections.

The Department's comprehensive library houses a rich collection of books, and you have access to the University Library and the Fitzwilliam Museum's reference library (among others) as well. During vacations, students may wish to travel to see works of art and architecture, although this is not required. College financial support is often available for this. Any core departmental trips which form part of the course – for example to museums and galleries – are funded by the Department.

Preparation

We advise that you visit museums, exhibitions and buildings of particular architectural note, and take descriptive notes or sketches of what you see. Try to analyse the effect works of art or architecture have on you. Some familiarity with history, classical mythology and religious texts is invaluable for the study of the meaning of works of art. The admissions area of the Department website suggests other preparatory reading.

After Cambridge

In a world where visual imagery has never been more widely used or had greater currency, our graduates, with their sophisticated visual acumen, are well-equipped for a vast array of careers. Notable examples include employment in museums and galleries, the care and conservation of monuments and heritage management, fine art dealing, publishing, advertising, written and broadcast journalism and teaching.

Our prominent graduates include the artists Sir Antony Gormley and Marc Quinn; the model and actress Lily Cole; the television presenter Claudia Winkleman; the Hon James Stourton, former Chairman of Sotheby's UK; and the museum directors Frances Morris, Director of Tate Modern, Sir Charles Saumarez Smith, former Director of the National Portrait Gallery and the National Gallery and former Chief Executive of the Royal Academy, and Sir Nicholas Serota, former Director of the Tate Gallery and now Chairman of the Arts Council.

"The Department offers engaging lectures and 'hands on' experience with some of our country's most beautiful paintings, sculptures and buildings. It'll be a shame to graduate!"

Bobby

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 4
Number accepted: 25

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by all Colleges

Some Colleges require

A Level/IB Higher Level in an essay-based subject

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Girton, Robinson and St Catharine's

Location

Map reference L (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Architecture	48
Asian and Middle Eastern Studies	51
Classics	56
History	72
Philosophy	102
Theology, Religion, and Philosophy of Religion	106

Course outline

Teaching is provided through lectures, seminars, supervisions and course trips to museums, exhibitions and notable buildings. First-year students typically have up to six hours of departmental teaching each week, as well as on-site visits and a supervision linked to your weekly reading and essays.

Particular attention is paid to the first-hand study of works of art and architecture – lectures and classes are regularly held in museums,

taught by curatorial staff and other visiting experts – and you receive exceptional attention and support throughout your degree.

Assessment varies according to the paper being studied but typically includes written examinations and visual analysis tests (comparing and contrasting works of art or architecture), and a dissertation in both Year 1 and Year 3.

Year 1 (Part I)

Part I provides you with a broad introduction to the history, making and meaning of art and architecture, with special emphasis on the architecture of Cambridge and the collections of the Colleges, the Fitzwilliam Museum and Kettle's Yard. Topics run from the art of Ancient Egypt to contemporary installation art, major examples of medieval, Renaissance and modern art, as well as the arts and architecture of Asia, Africa and South America.

During the year you take a series of compulsory papers. These papers address various aspects of how works of art and buildings are made, used, and play a role in society, as well as the cultural, religious and political contexts of art and architecture. You will also complete a short dissertation of 5,000 words on a work of art or architecture in or around Cambridge.

Year 2 (Part IIA)

Part II deepens your knowledge and understanding by focusing in greater depth on specific issues. In Part IIA, you take one compulsory paper along with two pairs of papers on Special Subjects:

- Approaches to the History of Art and Architecture – this compulsory paper covers the history of the discipline and its critical methodologies from antiquity to the present day
- Special Subjects – chosen from a range of up to 10, these papers focus on a particular person, subject or period. Subjects currently include Italian drawing, art in Tudor England, art and architecture in medieval Italy, British architecture 1750-1830, art in Paris 1750-1815, art and architecture in medieval Jerusalem, Surrealism, contemporary art, and Chinese art

Year 3 (Part IIB)

In Part IIB, you take one compulsory paper, two further pairs of Special Subjects papers and submit a dissertation:

- The Display of Art – this compulsory paper explores the ways in which art is collected, displayed and experienced in society
- Special Subjects – the options available are as those in Part IIA, but you take two subjects that you haven't studied before
- the dissertation is 9,000 words on a topic of your choice, as agreed with your Director of Studies



Human, Social, and Political Sciences



Human, Social, and Political Sciences includes politics and international relations, social anthropology and sociology. You can specialise in one or two of these, but the flexibility of the course also enables exploration of a variety of subjects in the first year.

Explore subjects you like and experience new ones

Human, Social, and Political Sciences (HSPS) at Cambridge can be tailored from the start. This means it's suited both to those with specific subject interests, and to those looking for a multidisciplinary degree.

The course comprises three core disciplines, taught by globally respected departments.

- Politics and International Relations explores politics within and between countries, covering issues from human rights and democracy, to financial crises and international conflict.
- Social anthropologists address 'what it is to be human' by studying social and cultural diversity – how people live, think and relate to each other around the world.
- Sociology focuses on the nature of modern societies and the processes that shape social life, by examining social institutions and topics such as power and inequality.

Depending on the track you choose, there may be options to take individual papers in the other HSPS subjects or from other courses as well.

Why choose Cambridge?

Cambridge offers a world class undergraduate education, and excellent teachers and learning facilities. The Faculty has two libraries and superb teaching resources including the Museum of Archaeology and Anthropology, computing facilities, multimedia-equipped teaching rooms, and a rare collection of ethnographic films.

And after Cambridge?

The analytical and critical skills, intellectual versatility, multicultural sensitivity and international outlook you develop through this course are widely sought after by employers. Recent graduates have pursued careers in academic and policy research, the Civil Service (including the Foreign Office), journalism, management consultancy, national and international NGOs and development agencies, law, teaching, publishing, health management, and public relations.

"My favourite part of the course is that I can tailor it to my interests, and research beyond the curriculum, finding case studies that I am particularly interested in and applying them to the theories I am learning."

Alistair

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 5
Number accepted: 210

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation A Level/IB Higher Level in an essay-based subject

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map references M, S (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Archaeology	46
Asian and Middle Eastern Studies	51
Geography	70
History	72
History and Politics	75
Psychological and Behavioural Sciences	104
Theology, Religion, and Philosophy of Religion	106

Course outline

Teaching is delivered through lectures, supervisions and seminars. In the first year, you have around eight hours of lectures and one or two supervisions a week.

You're assessed at the end of each year – mostly through three-hour written exams, though some papers are assessed by coursework. In Year 3, you can substitute one paper for a 10,000 word dissertation.

Year 1 (Part I)

In Year 1, you take four papers. At least three must be from the core subjects – politics, international relations, social anthropology, and sociology. Your fourth can be another core subject paper, or you can choose an archaeology, biological anthropology or psychology option.

Years 2 and 3 (Part II)

You choose one of three single-subject tracks (see below), or one of five two-subject tracks – Politics and Sociology, Social Anthropology and Politics, Social Anthropology and Religious Studies (Modern Religion), Sociology and Criminology, or Sociology and Social Anthropology (details online).

Please note that it's not possible to change track between Years 2 and 3, unless switching from a two-subject track to one of the subjects within it. Some final year papers require you to have taken a relevant Year 2 paper.

Politics and International Relations

In Year 2, you study Comparative Politics, International Organisation, and History of Political Thought.

Your fourth paper can be two 5,000 word essays on politics and international relations; a statistics paper; or one offered in another HSPS subject or from others such as History or Psychology (please see the website for the full range).

In Year 3, you take a general paper in politics and international relations, plus three optional papers.

One of these can be a 10,000 word dissertation, and one can be from selected papers in another subject. You can choose from a broad range of papers in politics and international relations, covering diverse themes, regions and contemporary issues.

Social Anthropology

In Year 2, you take The Foundations of Social Life, Anthropological Theory and Methods papers and a paper on the anthropology of an ethnographic area. Your fourth is an optional paper.

In Year 3, you take two advanced anthropology papers – Ethical Life and the Anthropology of the Subject; and Power, Economy and Social Transformation – and choose a further two from a combination of optional papers, an ethnographic area paper and a 10,000 word dissertation.

Optional paper topics in Years 2 and 3 usually include urban anthropology, gender, development, science and society, media and visual culture, as well as choices from another HSPS subject.

Sociology

You take Social Theory, Global Social Problems and Dynamics of Resistance, and either Concepts and Arguments in Sociology or Statistics and Methods.

Your fourth paper can be a further sociology paper, or one from another HSPS subject, or from another department (see website for full list).

In Year 3, you choose three papers from a range of sociology topics – these might cover subjects such as media and culture; gender; war and revolution; global capitalism; race, racism, and ethnicity; empire, colonialism, and imperialism; health, medicine and society; and criminology. One paper can be replaced by a dissertation of up to 10,000 words. Your final paper can be a further sociology paper, one from another HSPS subject, or borrowed from another department (see website for full list).

Land Economy

Environment, Law and Economics



Land Economy is intellectually challenging – encompassing law and economics, with aspects of the environment, business finance and resource management – and offers many excellent career opportunities.

A challenging combination

Law, economics, and their relationship to natural and built environments are central to Land Economy, along with other areas such as public policy, planning, the financial aspects of real estate and international development.

The multidisciplinary nature of the course is particularly relevant in the twenty-first century where the environment, law and economics and the control of scarce resources affect the daily lives of people around the world.

Teaching and resources

Our lecturers are specialists in their own field and include lawyers, economists, planners and experts in environmental policy, finance and quantitative methods. Many are involved in research projects of national and international concern.

The Department has a comprehensive library and an extensive range of computing facilities, including an intranet store of wide-ranging teaching, careers and other useful information.

Professional training

This degree differs from similar courses offered elsewhere because it's not wholly vocational, and the emphasis is on intellectual and academic content which appeals greatly to employers.

The degree is accredited by the Royal Institution of Chartered Surveyors (RICS) and allows graduates to progress directly to the Assessment of Professional Competence to become a full member of the RICS. It can also give partial exemption from the academic requirements of the Bar Council and Law Society for those intending to be lawyers. An appropriate combination of papers is required in each case.

Exceptional employment prospects

The department has one of the strongest records for graduate employment or further study across the University (100 per cent of respondents to the Graduate Outcomes survey were in work or further study 15 months after graduation¹); a reflection of its focus on topics relevant to real-world problems, and its emphasis on the development of a broad range of skills.

Our graduates go on to become lawyers, economists, civil servants, and to work for national and international agencies. Many go into financial or business careers, and others enter public service with local or national organisations, or proceed to further study and research.

"There are lots of options available. I can tailor the course to my own strengths and interests and it opens up all kinds of fantastic job prospects."

Elaine

¹ Based on responses to the Graduate Outcomes survey. This records the outcomes of students who completed their studies between August 2017 and July 2018. 63 per cent of Land Economy graduates responded to the survey.

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 5
Number accepted: 69

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation Economics, Mathematics

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Churchill, Corpus Christi, Emmanuel, King's and Peterhouse

Location

Map reference F (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Architecture	48
Economics	60
Geography	70
Human, Social, and Political Sciences	78
Law	82
Management Studies	112

Course outline

Teaching in the Department is a mix of lectures, seminars, project work and supervisions. In a typical week, you can expect 10-14 hours of lectures and two or three supervisions.

Assessment is by written examinations and through coursework and projects, as well as a dissertation in Year 3 (Part II).

Year 1 (Part IA)

Part IA provides the framework for later specialisation. You acquire a thorough grounding in the core disciplines of law and economics and are introduced to the multidisciplinary nature of the degree through four compulsory papers:

- Economics
- The Public Sector: Institutional and Legal Frameworks
- Quantitative and Legal Methods for Land Economists
- Land Economy, Development and Sustainability

During your first year you develop the key skill of critical analysis across a range of different disciplines, computer literacy, data management and numeracy skills, and skills in oral presentation and report preparation.

Year 2 (Part IB)

In Part IB, you can continue studying a broad range of law, environmental policy and economics topics, or choose to specialise more closely in one of these three disciplines. You take five papers, including at least one paper on a legal topic, and select your other four papers from a choice of six. Current options include:

- Environmental Economics and Law
- Fundamentals of Finance and Investment
- The Built Environment
- Land and Urban Economics
- The Law of Real Property: Principles, Policy, and Economic Implications

Year 3 (Part II)

Part II continues the work of the second year, with further opportunity for breadth or depth depending on your interests or career aspirations.

You will take four papers and write a dissertation. The four papers may be chosen from a wide range of options which currently includes:

- Law and Economics
- Landlord and Tenant Law
- Planning Policy and Practice
- Land, Food and Ecosystem Services
- Land Policy and Development Economics
- Advanced Techniques in Finance and Investment for Real Estate

You will also write your 10,000 word dissertation on any aspect of the Department's work of your choosing. This is your opportunity to specialise in a topic that particularly interests you.

The choice of topics is very broad and in the past students have written on, for example:

- the economics of gentrification of cities
- environmental protection in the developing world
- Aboriginal land claims in Australia
- risk management in capital and financial markets
- the social perception and problems of population density
- the legal regulation of the property of unmarried couples
- the future prospects of virtual currencies, such as Bitcoin
- the upgrading of slums in Brazil
- road traffic and house prices
- financial institutions in sub-Saharan Africa
- the affordable housing legacy of the London Olympics
- market failure in the housing market

Law



Law at Cambridge allows you to understand law in its historical and social contexts, and to examine its general principles and techniques. It develops skills in analysis, interpretation and logical reasoning, and challenges students to interrogate questions of ethical judgement, political liberty, and social control.

Law at Cambridge

Although our BA (Hons) course (referred to at other universities as an LLB degree) is primarily concerned with English law, there are opportunities to study other legal systems, including civil (Roman) law, EU law and international law. You can also study theoretical and sociological aspects of law such as jurisprudence or parts of criminology.

Facilities and resources

The David Williams Building, on the University's Sidgwick Site, houses lecture theatres, seminar rooms and a moot court. It is also home to the Squire Law Library, one of the finest academic law collections in the UK. The Library offers an extensive collection of printed and electronic resources and excellent computing facilities.

The Faculty and University Law Society organise numerous events and activities, including public lectures, careers events with leading barristers' and solicitors' firms, social events and mooting competitions (debates about hypothetical legal cases).

Student exchange schemes

In previous years, the Faculty has offered students the opportunity to spend a year studying at one of our partner universities in Europe. We hope to offer this opportunity to future undergraduates – please check the Faculty website for further information and updates on the exchange scheme.

After Cambridge

Many of our graduates go on to qualify as barristers and solicitors, and find employment within the legal departments of the Civil Service, local government, businesses, banks, and international organisations.

Others stay in academia or go into a wide variety of other careers in administration, management, finance, politics, media, the charity sector, and the arts.

The BA in Law at Cambridge is currently considered a 'qualifying law degree' in England and Wales by the Solicitors Regulation Authority (SRA) and the Bar Standards Board. Qualifying law graduates who have completed the seven 'foundation' subjects and the legal skills requirement meet the academic component of training as a solicitor or barrister in England and Wales and may proceed directly to vocational courses that lead to professional examinations. The foundation subjects are Constitutional Law, Criminal Law, Law of Tort, Law of Contract, Land Law, Law of Trusts (Equity), and Law of the EU. Please note that the SRA has recently reviewed the requirements for qualifying as a solicitor in England and Wales; a new framework for qualification, the Solicitors Qualifying Examination (SQE), will apply to students who commence their law studies after 1 September 2021, subject to final approval from the Legal Services Board. See the SRA website (www.sra.org.uk) for further details.

"I wanted a subject that was very current and up-to-date with the world right now. It's a degree that doesn't pigeonhole you into a career, but actually just opens up doors for you."

Zara

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 6
Number accepted: 262

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation A Level/IB Higher Level in an essay-based subject

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

See the Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Human, Social, and Political Sciences	78
Land Economy	80
Management Studies	112
Philosophy	102

Course outline

For each paper you study, you will attend lectures given by teaching members of the Faculty. The typical number of lecture hours for each paper is 32-40 per year, mostly timetabled for the first two terms of each year, which equates to about 10-12 hours of lectures per week. In addition, you will typically have a fortnightly college supervision in each paper.

The normal mode of assessment for each paper is a written examination taken at the end of each academic year. One exception is the Legal Skills and Methodology half paper, which is assessed by an extended essay in the third year. You also have the option of taking a seminar course, which is assessed by a 12,000 word dissertation.

Year 1 (Part IA)

In Year 1, all students take the same papers:

- Civil Law I
- Constitutional Law
- Criminal Law
- Law of Tort
- Legal Skills and Methodology – a half paper providing training in legal methodology and research

Year 2 (Part IB)

In your second year, you choose five papers from a wide range of options. Most students take Law of Contract and Land Law.

Other options that are generally available are:

- Administrative Law
- Civil Law II
- Comparative Law
- Criminal Procedure and Criminal Evidence
- Criminology, Sentencing and the Penal System
- Family Law
- Human Rights Law
- International Law
- Jurisprudence
- Legal History

Year 3 (Part II)

In the third year, you choose five papers. Most students take Equity and European Union Law. The remaining options can be selected from papers available in Part IB that you have not already studied, as well as a large number of additional options available in Part II only.

In recent years, full paper options have included:

- Commercial Law
- Company Law
- Competition Law
- Conflict of Laws
- Intellectual Property Law
- Labour Law

You can also take two half papers as one of your five options. In recent years, half papers have included:

- Banking Law
- Civil Procedure
- Historical Foundations of the British Constitution
- Landlord and Tenant Law
- Law of Succession
- Personal Information Law
- Topics in European Legal History
- Topics in Legal and Political Philosophy

You can also participate in a seminar course, in place of one paper, which is assessed by a 12,000 word dissertation. Seminar courses vary each year but in the past have included Crime and Criminal Justice, Ethics and the Criminal Law, Family in Society, Law and Ethics of Medicine, Private Law, Public Law, Select Issues in International Law, The Legal Process: Justice and Human Rights, Tax Law and Policy, and Women and the Law.



Linguistics



Are you curious about our most crucially human attribute, language? Is a subject that combines the arts and sciences appealing? If you've found yourself asking 'why?' or 'how?' in relation to language, then Linguistics may be for you.

Language and linguistics

Linguistics is the systematic study of human language. Superficially, there's huge variation among the world's languages, and linguists not only describe the diverse characteristics of individual languages but also explore properties which all languages share and which offer insight into the human mind.

The study of linguistics draws on methods and knowledge from a wide range of disciplines. For instance, the study of meaning draws on philosophy, the analysis of the speech signal uses methods from physics and engineering, and the study of language acquisition draws on psychology.

This variety is one of the things that makes linguistics fascinating: one day you might be poring over a medieval text for evidence of how the grammar of a language has changed, and the next, learning about how the larynx creates sound energy for speech or how we can record brain responses in a categorisation task.

Linguistics at Cambridge

Cambridge Linguistics is internationally recognised as world leading, having come fourth in the QS World University Rankings by Subject 2020, the second highest position attained by a British university. Situated within the Faculty of Modern and Medieval Languages and Linguistics, the Linguistics Tripos benefits greatly from colleagues specialising in the linguistics of particular European and Middle Eastern languages.

After Linguistics

The broad interdisciplinary training we offer provides our graduates with transferable skills that are greatly sought after by employers; for example, students learn to analyse quantitative data, construct abstract grammatical models, and test competing hypotheses. Linguistics graduates find employment in a wide range of professions; recent graduates for example have taken up roles at Google, Amazon, Facebook and the Foreign Office, as well as pursuing postgraduate study at top universities in the UK and USA.

Linguistics provides particularly good preparation for vocational training too, in fields such as speech therapy, teaching, speech and language technology (eg developing speech recognition and translation software), law, translation, interpreting and even forensic linguistics.

Familiarity with a range of human languages is also a huge advantage in careers where rapid learning of unfamiliar languages may be involved, such as in the Diplomatic Service.

"Linguistics is a deeply interesting field of study with many subfields and connections to lots of other areas. The course has offered me a way into the subject, broad enough to give me an insight into a variety of research traditions but narrow enough to let me truly specialise."

Harry

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 2
Number accepted: 40

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation English (Language or Literature), Mathematics, an arts/science mix, a language (ancient or modern)

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except St Catharine's

Location

Map reference S (see p154-5)

Open days 2021

See MMLL Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Anglo-Saxon, Norse, and Celtic	44
Asian and Middle Eastern Studies	51
Classics	56
Computer Science	58
Human, Social, and Political Sciences	78
Modern and Medieval Languages	93
Philosophy	102
Psychological and Behavioural Sciences	104

Course outline

Linguistics is divided into a one-year Part I and a two-year Part II, and teaching is delivered through a mixture of lectures, supervisions and practical sessions. A typical week involves four hours of lectures, two hours of supervisions (in groups of six students in Part I, and two

students in Part II), and one to two hours of practical classes.

Assessment is by written examination, and practical exams in phonetics, as well as a dissertation in the final year.

Year 1 (Part I)

Part I provides a foundation across a wide range of linguistics taught within the Faculty.

You take the following four papers:

- Sounds and Words – an introduction to phonetics, phonology and morphology
- Structures and Meanings – looking at topics including sentence construction, semantics and pragmatics
- Language, Brain and Society – considering the relationships of language to cognitive and social factors
- History and Varieties of English – a linguistic analysis of contemporary variation and historical change in English

Year 2 (Part IIA)

Part II allows you to specialise in the areas which particularly interest you. There's a wide choice of topics to choose from, taught by the Linguistics team as well as other faculties and departments.

In Part IIA, you take four papers chosen from a wide range of options dealing with different linguistic levels and perspectives, which may include the following (not all options are offered every year):

- Phonetics
- Phonology
- Morphology
- Syntax
- Semantics and Pragmatics
- Historical Linguistics
- History of Ideas on Language
- History of English/History of French
- Language Acquisition
- Psychology of Language Processing and Learning
- Computational Linguistics

Year 3 (Part IIB)

In Part IIB, you take:

- Linguistic Theory – a general theory paper
- two further papers from the remaining Part IIA options

For your fourth paper, Part IIB also includes an element of individual research as you write a dissertation of 8,000-10,000 words on a topic of your choice.



Mathematics

Including Mathematics with Physics



Cambridge is renowned for the excellence of its Mathematics course. Equally challenging and rewarding, it offers the opportunity to study a wide range of subjects, from abstract logic to black holes.

Flexibility: a course that suits you

Two aspects of the course that our students greatly appreciate are its flexibility and the breadth of subjects offered. The amount of choice increases each year and after Year 1 you can choose the number of options you study. Some students take as many options as they can; others take fewer and study them very thoroughly.

This structure allows you to keep your options open, giving you the opportunity to discover your strengths, extend your knowledge and develop your interests before specialising.

Our Faculty

Since Sir Isaac Newton was Lucasian Professor (1669-96), mathematics teaching and research here have been enhanced by a string of brilliant mathematicians, including seven Fields Medallists and several Nobel Prize winners. Most current Faculty members are leading international authorities on their subject.

Careers

A Cambridge Mathematics degree is versatile and very marketable. The demand for our mathematicians is high in business, commerce and industry, as well as the academic world.

Around 40 per cent of our students go on to further study¹, while others follow a wide variety of careers. Recent graduates include a meteorologist, games designer, biomedical research scientist, sports statistician, journalist, cybersecurity analyst, and an AI research engineer, as well as teachers, actuaries, accountants, IT specialists, financiers and consultants.

STEP

For information about STEP, see p150. The University offers a free online STEP support programme (www.maths.org/STEP) designed to help prospective applicants develop advanced problem-solving skills and prepare for the STEP exams.

"My Mathematics degree at Cambridge was inspiring and demanding, but most importantly academically rewarding, and it opened up opportunities I never knew existed."

Zoe

¹ Based on responses to the Graduate Outcomes survey. This records the outcomes of students who completed their studies between August 2017 and July 2018. 61 per cent of Mathematics graduates responded to the survey.

Fact file

Duration Three years – BA (Hons)
Four years – MMath

2020 entry Applications per place: 7
Number accepted: 251

Typical offers require

A Level A*A*A + STEP

IB 40-42 points, with 776 at Higher Level + STEP

Other qualifications See p149-50

All Colleges require

A Level/IB Higher Level Mathematics,
A Level Further Mathematics, STEP
(see p150)

Some Colleges require

A Level/IB Higher Level in a science subject;
A Level/IB Higher Level Physics (for
Mathematics with Physics only)

Admission assessment

Some Colleges require applicants to take a
written assessment at interview (see p41 and
www.cam.ac.uk/assessment)

Colleges

Available at all Colleges except Wolfson

Most Colleges don't encourage deferred entry

Location

Map reference X (see p154-5)

Open days 2021

See Faculty website for details

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Computer Science	58
Economics	60
Engineering	65
Natural Sciences	99

Course outline

In Year 1, you typically have 12 lectures and two supervisions each week. In the following years, the greater choice and flexibility means that the pattern of lectures and supervisions is more irregular, but the average load is roughly the same.

You sit four written examination papers each year in the first three years. In addition, there are optional computer projects in Years 2 and 3. In the fourth year, each course is examined individually, and you have the option of submitting an essay on a current research topic.

Year 1 (Part IA)

In the first year, there are two options to choose from:

- Pure and Applied Mathematics, for students intending to continue with Mathematics
- Mathematics with Physics, for students who may want to study Physics after the first year

You will be asked to indicate which option you wish to take as part of the application process, though it's possible to change when you start the course. You can still continue with Mathematics in the second year if you take Mathematics with Physics.

Part IA introduces you to the fundamentals of higher mathematics, including:

- the study of algebraic systems (such as groups)
- analysis of calculus
- probability
- mathematical methods (such as vector calculus)
- Newtonian dynamics and special relativity

You take eight subjects. Those taking Mathematics with Physics replace two Mathematics subjects with Part IA Physics from Natural Sciences, covering, for example, kinetic theory, electromagnetism, and practical work in a laboratory.

Year 2 (Part IB)

In Part IB, you choose from around 16 options available. In most, the topics of the first year are studied in much greater depth, but some new topics are offered, for example:

- geometry
- electromagnetism, quantum mechanics and fluid dynamics
- numerical analysis
- applicable mathematics, which includes statistics and optimisation (a rigorous way of finding optimal solutions)

There is also a computational projects course (assessed by means of reports and programs submitted before the summer examinations), using computational techniques to investigate mathematical problems.

Year 3 (Part II)

Year 3 gives you the opportunity to explore your mathematical interests in detail. There is a very wide choice, for example:

- cryptography
- algebraic topology
- number theory
- cosmology
- general relativity
- stochastic financial models
- waves
- automata and formal languages
- mathematical biology
- the mathematics of machine learning

There is also a computational projects course.

Year 4 (Part III, optional integrated Masters)

Part III has a world-wide reputation for training the very best research mathematicians. Progression to Part III, in which around 75 to 80 options are offered, normally requires a first in Part II or a very good performance in Parts IB and II, and successful completion leads to a BA with MMath. See the Faculty website for more details.

Medicine



At Cambridge, we offer two medicine courses – the Standard Course and the Graduate Course. Throughout, our aim is to educate students to become compassionate, thoughtful, skilled members – and leaders – of the medical profession.

Hard work, very rewarding

Success in medicine requires application and hard work, both while studying and when in practice. However, medicine brings great personal rewards, offering a breadth and variety of career opportunities and excellent job satisfaction. No day in the life of a doctor is the same! The application of knowledge and research evidence to patient care provides a unique opportunity to combine scientific expertise with the human interactions that lie at the heart of the profession.

Our courses are intellectually stimulating and professionally challenging. As a medical student, you'll experience a rigorous, evidence-based medical education within the research-rich environment of the University. Students have opportunities to pursue research and project work throughout the course.

Careers

We enable students to develop the excellent communication, clinical, interpersonal and professional skills required for good medical practice. Our focus on combining training in the core medical sciences with a broad-based clinical curriculum, encompassing primary, community-based and hospital care, prepares our students for a range of careers across general practice, medicine, psychiatry and other specialities.

The MB/PhD Programme

Designed for Standard Course medical students who are interested in a career in academic medicine, the MB/PhD Programme intercalates three years of research between Years 4 and 5. See online for more details (www.medschl.cam.ac.uk/education/courses/mbphd).

UK Foundation Programme and Medical Licensing Assessment (MLA)

Graduates are entitled to hold provisional registration with the General Medical Council (GMC) with a licence to practise, subject to demonstrating to the GMC that they are fit to practise (please note this may be subject to change). To apply for full registration as a doctor, you must satisfactorily complete the first year of a Foundation Programme post and continue to meet fitness to practise requirements. For more information visit www.foundationprogramme.nhs.uk.

A national MLA, to be taken by students in the final year of Medical School, will be introduced in 2022. Further information can be found at www.gmc-uk.org/education.

NHS Bursaries

NHS Bursaries (www.nhsbsa.nhs.uk/nhs-bursarystudents/medical-and-dental-students) are currently available for eligible Medicine students from Year 5 of the Standard Course, or from Year 2 of the Graduate Course.

"Medicine here is incredible. In the first year, we have full body dissection (offered in very few UK medical schools), which is an amazing way to learn anatomy."

Mhairi

Fact file

Duration

Standard course
Six years – MB, BChir

2020 entry Applications per place: 6
Number accepted: 295

Typical offers require

A Level A*A*A

IB 40–42 points, with 776 at Higher Level

Other qualifications See p149–50
See p90 for subject requirements

Admission assessment

BMAT, pre-interview (see p41 and www.cam.ac.uk/assessment)

Age

Applicants must be 18 by the start of the second term of Year 1

Colleges Standard Course available at all Colleges except Hughes Hall

Location

Map references D, M (see p154–5)

Open days 2021

College open days (sciences)

Cambridge Open Days – see p152–3

Related courses

Engineering	65
Law	82
Natural Sciences	99
Psychological and Behavioural Sciences	104

Course outline – Standard Course

At Cambridge, you study the medical sciences first, before learning to apply that knowledge to medical practice as a clinical student.

The first three years (pre-clinical studies) involve lectures, practical classes (including dissections) and supervisions, with typically 20–25 timetabled teaching hours each week. The emphasis during clinical studies (Years 4, 5 and 6) is on learning in clinical settings: at the bedside, in outpatient clinics and in GP surgeries, which is supported by seminars, tutorials and discussion groups.

Assessment, both formative and summative, plays a significant role throughout. Your ongoing progress is reviewed weekly and termly by your College supervisors. Formal assessment, which determines your ability to proceed with the course, includes written and practical examinations, coursework submission and clinical assessments.

Successful completion of the first three years leads to a BA degree and on successful completion of the clinical studies in Cambridge you are awarded two degrees, the Bachelor of Medicine and the Bachelor of Surgery (MB, BChir).

Years 1, 2 and 3 (pre-clinical studies)

Years 1 and 2

In Years 1 and 2, you study the medically-relevant core scientific knowledge and skills needed as a medical professional. Surrounded by some of the world's best academic biomedical scientists, we provide you with the scientific basis that will allow you to develop your medical career to the full, whether your aim is to deliver outstanding patient care or you wish to contribute to clinical academic medicine, combining research and teaching with clinical duties to push forward the boundaries of health care.

Read more about Years 1 and 2 on the Faculty of Biology website: www.biology.cam.ac.uk/undergrads.

Year 3

You specialise in one of a wide range of other subjects offered by the University (sometimes known elsewhere as intercalation) to qualify for the BA degree. Options include:

- Part II Biological and Biomedical Sciences (see p101)
- a single Part II Natural Sciences subject (see p101)
- a non-core science subject, such as Anthropology, Management Studies, History of Medicine or Philosophy

Preparing for Patients continues in your third year, regardless of the subject you choose to study. During this year, you visit community-based health-related agencies.

Years 4, 5 and 6 (clinical studies)

As a student, your time on clinical placements will be shared between Cambridge Biomedical Campus and Cambridge University Hospitals NHS Foundation Trust, and other regional hospitals and GP practices throughout the East of England.

Throughout your clinical studies, you build on your biomedical science education; developing the knowledge, skills and attitudes required to practise clinical medicine. Following an introductory course, each of the three years has its own focus – core clinical practice (Year 4), specialist clinical practice (Year 5) and applied clinical practice (Year 6) – and is built around several major themes, including:

- communication skills, patient investigation and practical procedures
- core clinical science, pathology and diagnostic reasoning
- therapeutics and patient management
- evaluation and research
- improving health
- professionalism and patient safety

You have weekly small-group clinical supervisions with junior doctors to develop and monitor your clinical skills.

For more information about the clinical course, visit the School of Clinical Medicine website: www.medschl.cam.ac.uk/education/prospective.



Selection

Applicants must be keen scientists with a sound scientific understanding. As selection for medical school implies selection for the medical profession, admissions decisions are informed by national guidance on what makes a good doctor.

In addition:

- trainee doctors must satisfy the GMC's fitness to practise requirements, both when applying and throughout the course
- offer holders are required to undergo an enhanced Disclosure and Barring Service (DBS) check or equivalent overseas check
- successful applicants are required to complete a confidential occupational health questionnaire, undertake health screening and will be offered immunisations against certain infectious diseases

See full details at: www.undergraduate.study.cam.ac.uk/courses/medicine.

If you are an applicant with a disability, including specific learning difficulties or a long-term health condition, you should contact a College Admissions Tutor as early as possible to discuss your particular situation and the course requirements. Such disclosures will be considered independently of your academic qualifications and the interview process.

"I chose Medicine because it's very academically and scientifically driven at the outset and more clinical towards the end, which opens up options when I leave."

Simon

Entry requirements for Medicine

You may enter up to four medical courses in your UCAS application. Your remaining choice can be used for an alternative course without prejudice to your commitment to medicine.

'Science/mathematics subjects' refers to Biology, Chemistry, Physics and Mathematics. It does not include Psychology.

A Levels

- A Levels in Chemistry and at least one of Biology, Physics, Mathematics.
- Most applicants have at least three science/mathematics A Levels and some Colleges require this and/or particular subjects. See College websites for details.

Please note that in the past three admissions rounds, 95 per cent of applicants for Medicine offered three or more science/mathematics A Levels and, of these, 23 per cent were successful in obtaining a place. Of the four per cent of applicants who offered only two science/mathematics A Levels, just three per cent were successful in gaining a place.

International Baccalaureate

A Level subject requirements also apply to the IB. Higher Level subjects satisfy A Level subject requirements.

Other examination systems

See p149-50 and consult any College Admissions Tutor for further advice.

Admission assessment

All Standard Course applicants (including applicants to mature Colleges) are required to take the Biomedical Admission Test (BMAT) pre-interview (www.cam.ac.uk/assessment). You should be registered by your assessment centre, often your school or college. Please see the website for details, including the registration deadline.

Work experience

To develop understanding of what a career in medicine involves and your suitability for your intended profession, you are strongly advised (though not required) to undertake some relevant work experience, either paid or voluntary, in a health or social care organisation.

We are not prescriptive about how this is obtained, recognising the widely differing opportunities available.

Graduate entry

Graduates may apply for the Standard Course as an affiliate student (see p37) to one of the following Colleges, Lucy Cavendish, St Edmund's or Wolfson Colleges, with:

- a good Honours degree (2.1 or above) in any discipline
- passes at A Level (or equivalent), as above

Graduates from any academic discipline with a good Honours degree (2.1 or above) and A Level Chemistry (normally passed within seven years of entry) may apply to the accelerated Graduate Course in Medicine (see opposite) at Lucy Cavendish, Hughes Hall, St Edmund's or Wolfson Colleges. Please check the website for eligibility restrictions.

Overall, graduate medical students with an undergraduate degree in an arts or humanities subject perform equally well on the course as those with biomedical sciences degrees.

Graduate Course in Medicine



In addition to the Standard Course, we also offer the Graduate Course in Medicine. Open to graduates of any discipline (see opposite for entry requirements and check the website for eligibility restrictions), successful completion of the accelerated Graduate Course leads to the MB, BChir degrees in four years.

The Graduate Course integrates core medical science with clinical medicine, with an emphasis on the development of clinical skills through direct patient contact in hospital and community environments throughout the East of England.

Please note that all applicants for this course need to complete the specific Graduate Course in Medicine application form in addition to their UCAS application.

You can find full details about the Graduate Course online at: www.medschl.cam.ac.uk/cgc.



Fact file

Duration Four years – MB, BChir

2020 entry

Applications per place: 13
Number accepted: 37

Colleges Graduate Course available at Hughes Hall, Lucy Cavendish, St Edmund's and Wolfson only

It is not possible to apply for deferred entry to the Graduate Course in Medicine

Open days 2021

Please check the websites of participating Colleges in summer 2021 for open day dates and further information.

Cambridge Open Days – see p152-3



Modern and Medieval Languages

Cambridge offers exceptional opportunities to study the languages and cultures of most European (and many non-European) countries. Our students acquire advanced linguistic and critical skills, as well as intercultural sensitivity, which makes them extremely sought after in the job market.

Modern and Medieval Languages (MML) at Cambridge

The Cambridge course is hugely flexible and offers a broad and multifaceted approach to the study of language and culture. You can pursue your interests in many areas – from Italian Renaissance art to contemporary Brazilian cinema and medieval German folk tales to socialist realism in Stalin’s Russia. MML also includes options in linguistics, such as the historical and cognitive dimensions of the languages you’re studying.

All our students study two languages (see p94), one of which can be learnt from scratch (the exceptions being French and Latin, for which A Level/IB Higher Level standard is required). No matter what your proficiency when you arrive, you leave with near native-speaker competence in at least one of your languages. Most of our language classes are run by native speakers.

We are a large and diverse Faculty which consists of six sections, whose members are internationally renowned experts in their fields. In the *Guardian University Guide 2021*, Cambridge came second for modern languages and linguistics.

Facilities and resources

Our students make good use of the Faculty library, the Media Centre (equipped for film studies) and extensive online Computer-Assisted Language Learning (CALL) resources, as well as bespoke language teaching and learning materials available at the Language Centre.

A year in...

MML students spend their third year abroad in one of three ways: they attend a foreign university, become an English-speaking assistant at a school, or do an internship with a firm. In the past, some have:

- worked for an investment bank in Frankfurt
- studied International Relations at St Petersburg State University
- interned with a Barcelona law firm
- interned with an international fashion brand in Paris
- taught English as a British Council assistant in Mexico

You can tailor your year abroad to suit your own interests and later career goals, providing you spend at least eight months abroad and are constantly immersed in one of the foreign languages you are studying. If you wish, you can split the year between two countries, spending at least three months in each (www.mml.cam.ac.uk/ya).

“The teaching staff are so welcoming and give up loads of time to ensure the most productive experience possible. The year abroad is the icing on the cake.”

Rory





Careers

Fluency in a foreign language, an understanding of foreign cultures, analytical and research skills are all in great demand on the job market. Employers – even those who are not primarily interested in languages – particularly value the experience, independence and cross-cultural awareness our graduates have gained during their year abroad.

Most graduates use their languages in their work, and all build on the many skills developed during their degree.

Our graduates find an array of different jobs open to them. Recent destinations include the BBC World Service, international law firms, UNICEF and KPMG.

For a small number, the degree is more directly vocational: they become professional linguists (language teachers, translators or interpreters), usually after further specialised training. For further information on what our graduates go on to do, see: www.mml.cam.ac.uk/applying/careers.

Languages you can study

You can study two of:

- French
- German
- Italian
- Portuguese
- Russian
- Spanish

Alternatively, you can combine any of these with either Classical Latin (if you're taking it at A Level/IB Higher Level) or Classical Greek (which can be studied either post-A Level or from scratch).

If you wish to combine one of these modern European languages with Arabic, Hebrew or Persian, you can do so within the Asian and Middle Eastern Studies degree course (see p51-3).

It is also possible to combine one of these modern European languages with History – see History and Modern Languages (p74).

Want to study more than two languages?

In the second and fourth years, it may be possible to take an introductory course in a language and culture you haven't studied before. The languages offered are subject to availability but may include Catalan, Dutch, Modern Greek, Polish, Portuguese and Ukrainian.

Another possibility (open to any member of the University) is to take a one-year course at the University's Language Centre (see p15) to obtain a further language qualification. Courses are currently available in basic Arabic and Mandarin; and in basic, intermediate and advanced French, German, Italian, Russian and Spanish.



Fact file

Duration Four years – BA (Hons)
(Year 3 spent abroad)

2020 entry Applications per place: 2
Number accepted: 187

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

All Colleges require

A Level/IB Higher Level in at least one of the languages you want to study

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

See Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Anglo-Saxon, Norse, and Celtic	44
Asian and Middle Eastern Studies	51
Classics	56
English	68
History	72
Linguistics	84

Course outline

Teaching is made up of lectures, seminars, language classes, intensive oral work in small groups, and supervisions. For your language classes, you receive individual feedback from your teachers, outlining how you can improve further. For your supervisions, you prepare written work which you then discuss with a specialist in the field. In your first year, you can generally expect around 12-14 hours of teaching each week.

You're assessed at the end of each year, primarily through written and oral examinations, and the submission of an extended translation or research project at the end of Year 3. You may also offer a second dissertation instead of one of the Part II written examination papers.

Year 1 (Part IA)

You study two languages, at least one at post-A Level/IB Higher Level standard. You will be asked to indicate which languages you are interested in studying as part of the application process. The choice isn't final, and some students change their mind before (or after) they start.

The main emphasis in Year 1 is on developing your language skills by studying a wide variety of authentic texts and audio-visual material, as well as through a variety of teaching methods including Faculty classes of up to 15 students, and supervisions in groups of two or three.

You also take an introductory paper in which you explore three or more of the following topics:

- literature
- linguistics
- history
- thought
- film
- art

Year 2 (Part IB)

In your second year, you take five papers in total. You continue intensive language study with the aim of acquiring native or near-native fluency in both languages, and choose from a wide range of papers covering topics such as:

- literature
- linguistics
- history
- thought
- film
- art
- an introduction to a language and culture you haven't studied before

You have the option to replace one exam with coursework in the second year.

Years 3 and 4 (Part II)

Year 3

In the third year, you spend at least eight months abroad, during which time you prepare a project that counts as one sixth of your final mark. This can be a dissertation (extended research project), a translation project or a linguistics project.

Just before the fourth year starts, you take an oral examination back in Cambridge.

Year 4

You take five further papers and are free to specialise in one language, to combine options from two or more languages, to take comparative options and/or to take up to two options from certain other courses (eg English, History).

You do advanced language work and focus on topics such as literature, linguistics, thought, history, politics, film etc in one or two of your languages.

There are also a number of comparative papers on offer which allow you to combine the study of both of your languages. These may include papers on European film, and the linguistics of the Germanic, Romance and Slavonic language families. Many students replace one of their written papers with a dissertation (currently 8,000-10,000 words).



Music



Our course covers a broad range of music, from medieval plainchant to the blues, and a great range of approaches to thinking about and understanding music, from advanced analysis to the study of music and science.

Music at Cambridge

Over recent decades many of the most significant figures in British music have studied or taught at Cambridge: composers such as Judith Weir, Errollyn Wallen, Thomas Adès and Academy Award-winning film composer, Steven Price; performers like Joanna MacGregor and Mark Padmore; conductors including John Eliot Gardiner and Nicholas Collon; writers and broadcasters, including Sara Mohr-Pietsch (Radio 3) and crossover artists such as Delia Derbyshire and Clean Bandit.

Our undergraduate course has a strong academic component, particularly focusing on history, analysis, composition and performance, but also offering a range of other topics (see the course outline).

Facilities and resources

As well as providing a location for lectures, seminars and research activities, the modern Faculty building also houses:

- a professional concert hall (seating 500)
- an extensive library of music, books, periodicals and recordings
- a purpose-built recording studio
- music computing laboratories

Students can borrow period instruments and make use of the Faculty's Javanese gamelan, and the Faculty organises a weekly Composers' Workshop and regular Practising Performance Masterclasses that are open to all students.

In addition, the Faculty hosts several resident and associate ensembles (the New Music Ensemble, Collegium Musicum, Britten Sinfonia and The Academy of Ancient Music) which perform regularly and offer masterclasses, coaching and further composition workshops for students.

These facilities and resources are complemented by the University Library and by the libraries, practice rooms and computer suites available in Colleges. College funds are available for instrumental or vocal lessons for those taking a performance course.

Careers

Music graduates are extremely attractive to employers and can follow a career in a wide range of fields thanks to the transferable skills they acquire on our course. In recent years, graduates have pursued successful careers in publishing and the media, academia, arts administration, banking, law, public service and the charity sector.

Many of our students do enter the music profession in one guise or another. Recent graduates include pianist Tom Poster, Royal Harpist Anne Denholm, composer Cheryl Frances-Hoad, jazz musician Misha Mullov-Abbado, and record producer and audio engineer Myles Eastwood.

"Cambridge offers a huge range of ensembles and performing opportunities outside the actual degree itself, so in terms of an all-round musical experience and preparation for the profession, it's really the ideal place."

Joe

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 2
Number accepted: 70

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

All Colleges require

A Level/IB Higher Level Music (ABRSM Grade 8 Theory at merit and above may be accepted as a substitute)

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map reference S (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

History	72
History of Art	76
Human, Social, and Political Sciences	78
Philosophy	102
Psychological and Behavioural Sciences	104

Course outline

Teaching is provided through lectures, seminars and supervisions. In your first year, you can typically expect to have six lectures, three supervisions, and aural and keyboard skills classes each week. In later years, lectures decrease to make way for more seminar, small-group and one-to-one teaching.

You can also work with individual staff members on your own projects, whether as an advanced performer, composer, historian,

analyst, ethnomusicologist or music scientist. In this way, while our course gives you the solid understanding of the subject which a music degree should guarantee, it also offers you the flexibility you need to prepare for life after Cambridge.

Assessment takes place at the end of each year through written examinations; the submission of portfolios, compositions, essays and dissertations; and through recitals.

Year 1 (Part IA)

The first year consists of compulsory papers in three major areas, and two half-papers chosen from a range of options. These papers provide a secure and interconnected foundation for your further study. You take:

- historical and critical studies – two papers covering issues involved in understanding music and its relationship to society and culture. These include studying historical topics in Western music and thinking broadly about the place of music in contemporary societies (world music, popular music, new music)
- tonal skills and general musicianship – one and a half papers giving you a thorough technical grounding in music of the Western tonal tradition, through writing music in a range of historical styles, aural work, and the acquisition of basic practical skills
- music analysis – a paper that gives you an understanding of what makes music work. You will study different approaches to analysing a broad range of music
- two half papers chosen from the following: extended essay, performance, composition, further study in Western music history

Year 2 (Part IB)

You take a further paper in each of the core Part IA areas (historical studies, analysis and applied tonal skills). Subject to Faculty approval, you can replace one of these papers with an option.

You then choose three more papers from a range of different topics. Subjects change from year to year but normally include:

- in-depth historical topics
- notation
- performance studies
- ethnomusicology
- jazz, popular music and media
- keyboard skills
- (including recital)
- music and science
- composition
- a dissertation of 5,000-7,000 words

Year 3 (Part II)

In the final year, you have even more choice. There are no compulsory papers – you choose six papers from a wide selection of options which reflect your own interests and which may also develop the skills and knowledge needed for your chosen career path. Options available vary each year but recent examples include:

- advanced performance
- composition
- Exploring Music Psychology
- advanced performance skills (keyboard or choral)
- Beethoven: the Late String Quartets
- Parisian Polyphony
- a dissertation of 7,000-10,000 words
- Musical Countercultures of the 1960s
- Music, Nationalism and Politics in Spain
- Brahms's *Ein Deutsches Requiem* in Context
- Decolonising the Ear



Natural Sciences

Natural Sciences is the framework within which most science subjects are taught at Cambridge. The course offers the biological and physical sciences listed overleaf, and the option to specialise or to study a range of subjects.

Natural Sciences at Cambridge

Natural Sciences (NST) offers a wide range of physical and biological science subjects from 16 departments in a unique and demanding course. A broad first year is combined with increasing specialisation in the second year, and the possibility of total specialisation from the third year.

The breadth of the course reflects the blurring of boundaries between the different sciences and before committing yourself to one department you study a variety of subjects, some of which may be new to you. This means you can change your mind about which subject to specialise in.

Visit the Departments' websites for in-depth subject information and details about current research. All of these sites, as well as suggested reading for prospective students, can be accessed from the Natural Sciences website at: www.natsci.tripos.cam.ac.uk.

Flexibility and choice

The flexibility of the course makes it possible to take purely biological sciences, purely physical sciences or a combination of both, according to your interests.

Many students discover a passion for the new subjects that they start in the first year, such as Earth Sciences or Materials Science, and continue with these in subsequent years.

Most students pursue a single advanced subject in Year 3 (Part II), and undertake a research project or dissertation in that field. Alternatively, you can take a broader option in either the Biological Sciences or the Physical Sciences. Visit www.natsci.tripos.cam.ac.uk/subject-information/part2 for more details.

After Natural Sciences

Around half of our graduates continue with further study or research: indeed, Natural Sciences prepares students very well for the challenges of research, especially in emerging, interdisciplinary areas. The other half go directly into a broad range of careers including teaching, product development, investment banking and management consultancy.

One of the strengths of the Natural Sciences course is that students develop a range of skills that are highly valued by employers of all types and become well prepared for life beyond Cambridge, whichever pathway they choose.

"I wasn't sure which area of science to specialise in and the first year allowed me to get a better insight into my strengths and weaknesses before deciding."

Tom





Entry requirements for Natural Sciences

'Science/mathematics subjects' refers to Biology, Chemistry, Physics, Mathematics and Further Mathematics. It does not include Psychology.

All Colleges require

A Levels/IB Higher Levels in at least two science/mathematics subjects, see also subject requirements for Year 1 options (see right).

Some Colleges require

AS or A Level/IB Standard or Higher Level in a third science/mathematics subject and/or particular subjects. See individual College websites for details.

A Levels

Most students have at least three science/mathematics A Levels and having just two will restrict your Part IA subject choice. In these circumstances you'll normally be expected to achieve A* in both of the science/mathematics subjects and encouraged to take an additional science/mathematics AS Level. The more useful combinations are:

- A Level Chemistry, A Level Mathematics, and AS Level Biology or Physics
- A Level Physics, A Level Mathematics and AS Level Further Mathematics
- A Level Biology, A Level Chemistry, and AS Level Mathematics or Physics

If you don't have A Level Mathematics, you're required to complete some preparatory work before the start of the course and must take Mathematical Biology as your mathematics subject in Year 1 (see right).

International Baccalaureate

The A Level subject advice above also applies to the IB.

Other qualifications

See p149-50 and consult any Admissions Tutor for further advice.

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment).

Subject requirements for Year 1 options

Biology of Cells:

Highly desirable A Level Chemistry
Useful preparation A Level Biology

Chemistry:

Essential A Level Chemistry (A Level Mathematics is essential to continue to Chemistry A in Part IB)
Highly desirable AS/A Level Mathematics

Earth Sciences:

Essential A Levels in at least two science subjects
Note No previous subject knowledge necessary

Evolution and Behaviour:

Highly desirable A Level Biology

Materials Science:

Essential A Level Mathematics, and either Chemistry or Physics

Physics:

Essential A Level Mathematics and Physics or Mathematics and Further Mathematics, including the section on Mechanics
Useful preparation AS/A Level Further Mathematics

Physiology:

Useful preparation AS/A Level Biology and/or Physics

Mathematics options

Mathematics (focusing on Physical Sciences):

Essential A Level Mathematics

Mathematical Biology (focusing on Biological Sciences):

Highly desirable A Level Mathematics

Fact file

Duration Three years – BA (Hons)
Four years (some subjects) – MSci

2020 entry Applications per place: 4
Number accepted: 638

Typical offers require

A Level A*A*A

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

See box on the left for subject requirements

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges

Location

Map references C, D, J, M, W (see p154-5)

Open days 2021

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Chemical Engineering	54
Engineering	65
Geography	70
Mathematics	86
Psychological and Behavioural Sciences	104

Course overview

Natural Sciences allows you to experience new areas of science, discover the interconnections between apparently discrete subjects, and gain an insight into different scientific methods.

Please note that some subjects have essential or desirable subject requirements in order for students to be allowed to take them.

For more detailed information on the subjects currently offered, subject content and the pre-requisite subjects needed to study each option, please see left and visit the Natural Sciences website (www.natsci.tripos.cam.ac.uk).

Year 1 (Part IA)

You choose three science subjects from a wide range, covering:

- Biology of Cells
- Chemistry
- Earth Sciences
- Evolution and Behaviour
- Materials Science
- Physics
- Physiology

You will also study one mathematics option focusing on techniques in either the Physical or Biological Sciences.

Year 2 (Part IB)

You choose a combination of three subjects, drawn from the following areas:

- Animal Diversity
- Biochemistry
- Cell Biology
- Chemistry A: Physical & Theoretical Chemistry
- Chemistry B: Organic & Inorganic Chemistry
- Conservation
- Earth Sciences A: Earth Surface Environment Sciences
- Earth Sciences B: Earth Subsurface Process Sciences
- Ecology
- Evolution
- Genetics
- History and Philosophy of Science
- Materials Science
- Mathematics
- Microbiology
- Molecular Biology
- Neurobiology
- Pathology
- Pharmacology
- Physics A: Waves, Quantum Mechanics, Condensed Matter Physics
- Physics B: Dynamics, Electromagnetism, Thermodynamics
- Physiology
- Plant Sciences
- Psychology

Years 3 and 4 (Parts II and III)

You can opt to follow a broad spectrum Part II subject in Biological or Physical Sciences, or you can choose to specialise in one of a wide range of areas, including:

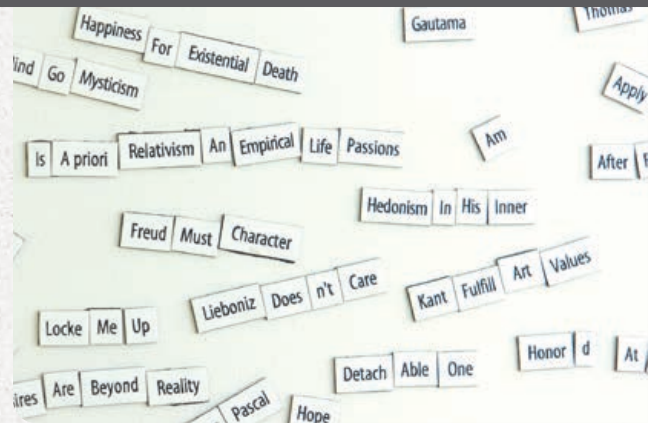
- Astrophysics¹
- Biochemistry¹
- Chemistry¹
- Earth Sciences¹
- Genetics
- History and Philosophy of Science¹
- Materials Science¹
- Neuroscience
- Pathology
- Pharmacology
- Physics¹
- Physiology, Development and Neuroscience
- Plant Sciences
- Psychology
- Systems Biology (Part III only)
- Zoology

Some Part II subjects have competitive entry due to limited space. A full list of the topics available can be found on the Natural Sciences website (www.natsci.tripos.cam.ac.uk/subject-information/part2).

¹ These subjects offer a fourth year/Part III option, leading to an MSci degree.



Philosophy



Do you enjoy arguments on the pros and cons of general issues? Do you relish puzzle-solving? Do you like subjects that emphasise rigorous thought? Our Philosophy course encompasses all of these and much more besides.

Why Philosophy at Cambridge?

Philosophy explores human thought, the basis of knowledge, the nature of reason, consciousness and cognition, as well as the foundations of value and political theory. Its questions are intriguing and its study requires complex critical thinking, rigorous analysis and consideration of new perspectives.

Cambridge occupies a distinguished place in the history of philosophy. It was here, in the early twentieth century, that Russell, Moore, Wittgenstein, Ramsey and others developed the analytic style of philosophy that is now prominent in much of the world. Today, the Faculty retains a strong commitment to this analytic tradition, combining it with study of the history of philosophy from Plato to the present day to offer one of the most far-reaching courses of its kind available anywhere in the world.

Teaching and learning

Our approach emphasises the values of the analytic school: rigour, clarity and independent thought. But its content extends well beyond the analytic tradition and its main preoccupations. For instance, we currently offer papers on Greek and Roman, and early modern philosophy, as well as political philosophy and aesthetics.

You don't need to have studied philosophy previously, but we do recommend you do some preliminary reading (see the Faculty website for suggestions).

The Faculty has close links with related faculties such as Classics, History, and History and Philosophy of Science, so you can take advantage of a wide range of specialised lectures and seminars. You also have access to many excellent libraries.

After Philosophy

Although a Philosophy degree isn't an essential qualification for any particular career, the analytical and critical skills developed through its study (eg rigour, precision, creativity) prepare our graduates for a variety of professions including business, computing, journalism, administration and law. Around a quarter of recent graduates have gone on to further study, with others starting careers in publishing, teaching, banking and investment, arts and recreation, IT and public services.

"I was drawn to philosophy because of the depth of the questions it tries to answer, and also because of the breadth of topics within the course."

Mat

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 5
Number accepted: 49

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Useful preparation Mathematics, an arts/science mix, an essay-based subject

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Murray Edwards and Queens'

Location

Map reference S (see p154-5)

Open days 2021

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Classics	56
Mathematics	86
Natural Sciences	99
Psychological and Behavioural Sciences	104
Theology, Religion, and Philosophy of Religion	106

Course outline

Much of the teaching takes the form of lectures, with additional classes for some subjects (such as first-year Logic classes).

You have weekly supervisions, for each of which you're given topical reading and asked to write an essay which you then discuss with your supervisor. Although it varies throughout the year, each week you typically have between six and 12 lectures, and between one and three supervisions and/or small classes.

Assessment is predominantly by written examinations. However, in Parts IB and II, one written examination can be substituted with two extended essays of 3,000-4,000 words. Part II offers the additional alternative of submitting a dissertation of 6,000-8,000 words on a subject of your choice.

Year 1 (Part IA)

The course is designed to accommodate the many students studying philosophy for the first time.

In the first year, you acquire the reasoning skills that enable you to tackle philosophical problems and to think intelligently about abstract questions generally, not just gather information about who said what. Therefore, you're encouraged to approach topics in your own way and we organise regular discussion groups for first- and second-year students.

Part IA gives you an introduction to philosophy through the study of five core compulsory papers:

- Metaphysics
- Ethics and Political Philosophy
- Meaning
- Formal Methods, a half paper on philosophical methods
- Set Texts, such as Plato's *Meno*, Descartes' *Meditations on First Philosophy* and J S Mill's *On Liberty* and *The Subjection of Women*

Year 2 (Part IB)

Years 2 and 3 focus on areas that particularly interest you. Part IB is about exploring the philosophical aspects of a range of issues, both practical and theoretical. There are two compulsory papers – Knowledge, Language and the World, and a general paper – and you choose three further subjects from:

- History of Analytic Philosophy
- Ethics
- Greek and Roman Philosophy (from Classics)
- Early Modern Philosophy
- Epistemology and Metaphysics of Science
- Political Philosophy
- Experimental Philosophy (from Natural Sciences, involving practical work)

Year 3 (Part II)

Our objective in Part II is to provide you with an understanding of various contemporary debates and to familiarise you with current philosophical concepts. Lectures explore current and new positions on debates and you participate in seminar discussions on advanced subjects.

There are no compulsory papers and you choose four from an extensive range of subjects. These include most of those mentioned above, studied at a more advanced level, as well as several papers covering new areas. Papers recently available include:

- Philosophy of Mind
- European Philosophy from Kant
- Mathematical Logic
- Philosophical Logic
- Aesthetics
- Philosophy in the Long Middle Ages

It's also possible to take one or two papers from some other courses, such as Classics.

Psychological and Behavioural Sciences



Psychological and Behavioural Sciences is an exciting, broad and flexible degree that covers all aspects of psychology.

Our course

Psychology is very diverse – overlapping with and contributing to many other disciplines such as anthropology, archaeology, neuroscience, philosophy and sociology.

Psychological and Behavioural Sciences (PBS) at Cambridge gives you the opportunity to study cognitive, social, developmental and biological psychology within the broader context of the behavioural sciences.

The course covers, for example, cognitive psychology, psychopathology, language, brain mechanisms, family relationships and influences, personality, and group social behaviour. A wide range of optional courses allow you to study the topics that interest you most in greater depth.

Teaching and facilities

In the Department of Psychology, you're taught by lecturers and researchers of international excellence. Subject societies and seminar programmes offer regular talks from guest speakers too.

In addition to this academic expertise, you have access to the Department library and specialist collections held in associated departments' libraries – amounting to around 50,000 books and more than 150 periodicals – as well as other resources and computing facilities.

Professional accreditation and careers

The University's teaching of psychology is accredited by the British Psychological Society (BPS). This means that students who successfully graduate (with at least second class Honours) achieve the 'graduate recognition' needed to pursue a career in psychology.

Many students continue with further study and research, and graduates are eligible for admission to professional courses in clinical, educational, forensic or applied psychology. Recent graduates of psychology at Cambridge have gone on to positions in psychology and related fields, as well as careers in social, community and charity work, research and teaching.

Our course also equips you with skills and knowledge applicable in a range of professional sectors, including the media, management, the Civil Service, finance, law and business. Some of our former students have gone on to work in destinations as varied as global communications firm Edelman, the Child and Adolescent Mental Health Service, the Cabinet Office, and Arsenal Football Club.

"The PBS course offered me the opportunity to develop my long-standing interest in psychology under the direction of the world's best academics, while also 'viewing' human behaviour through the lens of related disciplines. The depth and breadth of the course is unparalleled."

Leigh

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 6
Number accepted: 96

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by all Colleges

Some Colleges require

A Level/IB Higher Levels in one or two science/mathematics subjects

Admission assessment

Some Colleges require applicants to take a written assessment at interview (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Peterhouse

Location

Map references D, M (see p154-5)

Open days 2021

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Human, Social, and Political Sciences	78
Natural Sciences	99

Course outline

Teaching is provided through lectures, classes or seminars, and supervisions. Some papers include a practical element, which takes place in laboratories. You can typically expect two lectures a week for each paper.

You also have one or two supervisions a week to discuss your work and develop your reasoning and ideas.

Year 1 (Part IA)

In Part IA, you take a total of four papers, two of which are compulsory:

- Introduction to Psychology
- Psychological Enquiry and Methods (this includes practical demonstrations and exercises)

The remaining two papers are chosen from a selection of around nine options. The optional papers available each year may vary but subjects include:

- biological and anthropology
- evolution and behaviour
- philosophy
- sociology
- politics

At the end of the year, you sit a three-hour written examination in each paper.

Year 2 (Part IB)

Part IB provides a foundation for the research-led teaching of the final year while also allowing you to begin to specialise in those areas that most interest you.

You take four papers in total. All students take:

- the Social and Developmental Psychology paper
- the Cognitive Neuroscience and Experimental Psychology paper, which teaches research methods and includes laboratory work
- two optional papers

The optional papers are selected from a broad range. The subjects may change from year to year but typically include papers in:

- biological and anthropology
- history and philosophy of science
- sociology
- philosophy
- neurobiology

You sit written exams in each paper at the end of the year.

Year 3 (Part II)

In your final year, you undertake a research dissertation of 7,000 words on a psychology topic of your choice. You also choose a further three papers from a selection available, each of which is assessed by a written examination.

The subjects of these papers may change from year to year but typically include the following topics:

- social and developmental psychology
- cognitive and experimental psychology
- behavioural and cognitive neuroscience
- selected subjects from those offered at Part IB
- criminology

Theology, Religion, and Philosophy of Religion

This uniquely personalised degree allows you to explore contemporary and historic thought, culture and texts through philosophy, ethics, history, literature, languages, social sciences and classics.

Inter-disciplinary, supportive, outstanding

Worldwide, six out of seven people describe themselves as religious, with religious beliefs driving social and political change globally. As a graduate of our Faculty, you will be well equipped to play an important part in this world, valued for your intercultural literacy, critical thinking, research skills and understanding of the depth and nuance of human experience.

Theology, Religion, and Philosophy of Religion at Cambridge addresses fundamental questions through a variety of religious traditions and philosophical standpoints. Encompassing the history, practice and thought of the major world religions of Buddhism, Christianity, Hinduism, Islam and Judaism, the course develops your understanding of the significance of religion and its cultural contexts.

World-class resources

We offer outstanding teaching and a supportive, friendly faculty of experts. You will have access to the latest research and historic resources both within the Faculty, and across the Colleges and University, including, for example, the *Codex Bezae* (an important early version of the New Testament), the Genizah collection (a globally significant source for medieval Judaism) and the vast collection of artefacts in the Fitzwilliam Museum.

Excellent career prospects

Our course equips students with skills valued across a wide range of professions, with graduates of the Faculty enjoying successful careers in the civil service, law, international development, the arts, banking, investment, teaching, the media and communications. A considerable proportion of our students develop a life-long love of learning and research, and continue to further study in theology and related disciplines.



"I had a wonderful time in my three years at the Faculty, studying a fabulously diverse course in a welcoming and progressive environment."

Tiwa

Fact file

Duration Three years – BA (Hons)

2020 entry Applications per place: 2
Number accepted: 55

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

No specific subjects required by any Colleges

Admission assessment

At-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges Available at all Colleges except Churchill

Location

Map reference S (see p154-5)

Open days 2021

See Faculty website for details

College open days (arts)

Cambridge Open Days – see p152-3

Related courses

Asian and Middle Eastern Studies	51
Classics	56
English	68
History	72
History of Art	76
Human, Social, and Political Sciences	78
Philosophy	102

Course outline

Teaching is through lectures, classes and supervisions. You can expect up to nine hours of classes and lectures each week (including six for non-language papers and three for languages), as well as a weekly supervision.

Assessment is mainly by three-hour written examinations, but some papers are assessed by coursework.

Year 1 (Part I)

You take five papers designed to give you a broad introduction to the concepts, knowledge and skills required in the main areas of study. The course is designed to accommodate students studying religion for the first time. You choose:

- a paper in biblical studies, either David: Israel's Greatest Hero? or Jesus and the Origins of the Gospel (you can take the other in place of one of the choices below)
- one scriptural language (studied from scratch, no prior knowledge is expected) – Hebrew, New Testament Greek, Qur'anic Arabic or Sanskrit

Plus three other papers from a choice of six, currently:

- Christianity and the Transformation of Culture – the study of processes of conversion and Christianization in the late Roman world
- The Question of God – exploring some of the major themes of Christian theology
- Studying World Religions – history, comparison, dialogue
- Understanding Contemporary Religion – an introduction to the sociological study of religion
- Philosophy of Religion; and Ethics – these last two papers introduce key questions in philosophy of religion and ethics, ranging from antiquity to contemporary controversies

Year 2 (Part IIA)

A wide choice of options is available, enabling you to develop a course suited to your own interests. Scriptural languages are optional at this stage and you are able to follow a joint track with Social Anthropology if you wish. You choose four papers out of around 17, currently including:

- Introduction to Islam
- Philosophy of Religion: God, Freedom and the Soul
- Life and Thought of Religious Hinduism and of Buddhism
- Christianity in Late Antiquity
- Ethics and Faith
- The Johannine Tradition

You can also choose to take the Part IA Meaning paper from the Philosophy course, which will be taught alongside Philosophy students.

Year 3 (Part IIB)

In your final year, you choose four from a wide range of Special Subjects and interdisciplinary papers (topics may vary), such as:

- Truth, God and Metaphysics
- Philosophy, Ethics and the Other
- Self and Salvation in Indian and Western Thought
- Judaism and Hellenism
- Theology and Natural Sciences: God and Creatures
- New Testament Christology
- World Christianity

You can choose to write a dissertation of 10,000 words in your third year instead of one paper. You may also continue with a scriptural language.

Veterinary Medicine



Cambridge offers a world class opportunity to study the scientific basis of veterinary medicine and clinical veterinary science. Our course provides the fundamental building blocks on which to develop and excel in any veterinary field.

Veterinary Medicine at Cambridge

The Department of Veterinary Medicine has an international reputation as a centre of excellence, and is performing world class veterinary research.

A major strength of the Cambridge course is the extensive use of practical teaching and the emphasis on small-group teaching from Year 1. Our staff includes world leaders in their field and our facilities include state-of-the-art equipment, a five-theatre small animal surgical suite, an equine surgical suite, active ambulatory farm animal and equine units, a diagnostic unit, a superb post-mortem suite, all available for students during their clinical studies, and a Clinical Skills Centre that's available to students in all years. We also have one of Europe's leading cancer therapy units with a linear accelerator for delivering radiotherapy.

Selection

We are looking for committed students who are interested in the scientific principles that underlie both the health and disease of animals. In addition:

- trainee veterinary surgeons must satisfy the Royal College of Veterinary Surgeons' fitness to practise requirements, both when applying and throughout the course
- offer holders are required to undergo a Disclosure and Barring Service (DBS) check or equivalent overseas check
- successful applicants are required to complete a confidential occupational health questionnaire

See full details and guidance at: www.undergraduate.study.cam.ac.uk/courses/veterinary-medicine.

If you are an applicant with a disability, including specific learning difficulties or a long-term health condition, you should contact a College Admissions Tutor or the Director of Teaching at the Department of Veterinary Medicine as early as possible to discuss your particular situation and the course requirements. Such disclosures are considered independently of your academic qualifications and the interview process.

Careers

The Cambridge course equips you with the clinical skills and scientific understanding required to enter practice and other areas of veterinary work.

There are also many opportunities to enter research in universities, Research Council institutes and private companies, and to obtain specialist postgraduate qualifications. In addition, career openings are available with government agencies, animal charities (RSPCA, PDSA etc), pharmaceutical companies, and in academic clinical posts.

"The course is great! I've really enjoyed learning all the science background, while the third year allows you to focus on something that really interests you."

Josie

Fact file

Duration Six years – VetMB

2020 entry Applications per place: 5
Number accepted: 79

Typical offers require

A Level A*AA

IB 40-42 points, with 776 at Higher Level

Other qualifications See p149-50

See below for subject requirements

Admission assessment

Pre-interview written assessment (see p41 and www.cam.ac.uk/assessment)

Colleges

Available at all Colleges except Christ's, Corpus Christi, Hughes Hall, King's, Peterhouse and Trinity

Location

Map references D, M, W (see p154-5)

Open days 2021

See the Department website for details

College open days (sciences)

Cambridge Open Days – see p152-3

Related courses

Natural Sciences

99



Entry requirements for Veterinary Medicine

You may enter up to four veterinary medicine/science courses in your UCAS application. Your remaining choice can be used for an alternative course without prejudice to your commitment to veterinary medicine.

'Science/mathematics subjects' refers to Biology, Chemistry, Physics and Mathematics. It does not include Psychology.

A Levels

- A Levels in Chemistry and at least one of Biology, Physics, Mathematics.
- Most applicants have at least three science/mathematics A Levels and some Colleges require this and/or particular subjects. See College websites for details.

International Baccalaureate

A Level subject requirements also apply to the IB – Higher Level subjects satisfy A Level subject requirements.

Other examination systems

See p149-50 and consult any College Admissions Tutor for further advice.

Admission assessment

All applicants (including applicants to mature Colleges) are required to take a pre-interview written assessment (see p41 and www.cam.ac.uk/assessment).

Work experience

Work experience is not a requirement for applicants but some experience is useful to understand the profession and what is required of its members. We recommend applicants acquire two weeks of work experience, if possible.

Graduate entry

Graduates may apply as an affiliate student (see p37) to one of Lucy Cavendish, St Edmund's or Wolfson Colleges with:

- a good Honours degree (2.1 or above, science subjects are desirable)
- passes at A Level (or equivalent), as above



Course outline

At Cambridge, you study the basic veterinary sciences first before learning to apply that knowledge to veterinary practice as a clinical student.

During your pre-clinical studies (Years 1-3), you are taught through lectures and practical classes (including 120 hours of dissection across the three years) in the central science departments, and College supervisions – you can typically expect 20-25 timetabled teaching hours each week. The clinical studies teaching is a mixture of lectures (in Years 4 and 5), practicals, tutorials, supervisions and clinical classes, with a lecture-free final year.

In addition, you must complete a minimum of 12 weeks' work experience (pre-clinical extramural study) during the University vacations in Years 1 and 2 to gain knowledge of animal husbandry. During your clinical studies, you must complete at least 26 weeks of clinical extramural study, some of which may be undertaken abroad.

Your progress is continually reviewed by your supervisors and your Director of Studies. Formal assessment, which determines your progression through the course, takes a variety of forms including written essays, short answer questions and practical examinations.

Years 1, 2 and 3 (pre-clinical studies)

Years 1 and 2

Years 1 and 2 are the 'science foundations' phase of the veterinary programme in which you are taught the core scientific knowledge and skills needed as a veterinary professional.

Taught by some of the world's top academic scientists and veterinary surgeons, we provide you with the scientific and practical basis that will allow you to develop your veterinary career to the full, whether your aim is to deliver outstanding care or to push forward the boundaries of academic veterinary medicine.

In addition to core science, you follow the Preparing for the Veterinary Profession course (an introduction to the ethical, social and professional responsibilities of the profession) and courses in animal handling and management.

You can read more about Years 1 and 2 online at: www.biology.cam.ac.uk/undergrads/VetST.

Year 3

In this 'science phase' of the veterinary programme, you specialise in one of a wide range of other subjects offered by the University to qualify for the BA degree. Options include:

- a single Part II Natural Sciences subject (see p101)
- Part II Biological and Biomedical Sciences (see p101)
- a subject less obviously related to veterinary medicine, such as Anthropology or Management Studies

This feature of the course gives you the opportunity to specialise in an area of interest to you, expanding your knowledge and preparing you for a career after graduation. Following this, you then continue to the three years of clinical studies at the Department of Veterinary Medicine, which is just a short walk or bike ride from the city centre.





Years 4, 5 and 6 (clinical studies)

Years 4 and 5

The emphasis of clinical studies is to give you sufficient clinical knowledge and skills to begin to practise veterinary medicine (including the RCVS Day One Competencies) and to provide you with the scientific awareness you need to understand future advances in veterinary medicine.

Years 4 and 5 represent the 'clinical phase' of the veterinary curriculum. The curriculum has been redesigned to be delivered in species-based courses with some aspects delivered as discipline-related subjects, and includes the following topics:

- Principles of clinical practice – surgery, anaesthesia, radiography and radiology, clinical pharmacology and therapeutics, oncology
- Principles of infectious diseases
- Clinical pathology
- Animal breeding, including infertility and obstetrics
- Bovine medicine and surgery
- Small ruminant medicine and surgery
- Pig medicine
- Poultry management and medicine
- Equine medicine and surgery
- Small animal medicine
- Small animal soft tissue and orthopaedic surgery
- Husbandry, management, medicine and surgery of other companion animal species (including rabbits, rodents, reptiles and birds)
- Veterinary public health
- Respiratory system diseases
- Communication skills
- Practice management and professional behaviours
- Practical clinical skills

Within the clinical phase, two mornings each week are given over to practical clinical work including basic clinical examination of the main domestic species, radiography, post-mortem investigation and visits to external establishments such as the University-affiliated RSPCA clinic where you actively participate in delivering morning clinic consultations. You also develop a range of technical and practice-related skills in the Clinical Skills Hub. Self-study time gives opportunities to further hone your consultation and practical skills in the Clinical Skills Hub.

Part II of the Final Veterinary Examination tests your understanding of principles and concepts of veterinary medicine, as well as your ability to integrate information across the Part I series of subjects.

Year 6

This is the 'professional phase' of the veterinary programme. It is a 40-week lecture-free year with tuition centred on clinical teaching, in which groups of just three or four students rotate through different disciplines in the hospital with individual clinicians. The small size of these groups means each student's caseload is higher and they are given the maximum possible responsibility for the management of clinical cases.

This allows you to develop your clinical and problem-solving skills and client communication skills in a real clinical practice environment.

Subjects covered during the year include:

- Small animal surgery (soft tissue and orthopaedic surgery)
- Small animal medicine (including oncology, neurology, clinical pathology and 1st opinion practice rotations)
- Equine studies
- Farm animal studies
- Anaesthesia
- Diagnostic imaging
- Out-of-hours care

Finally, you have a period of eight weeks' self-selected study composed of a clinically-based VetMB Research Project, in which you explore an area of special interest, and 'tracking' period with more advanced consideration of an area of your interest.

During the year, marks awarded in continuous assessment count towards Part III of the Final Veterinary Examination, which is examined in May of the final year.

Achievement of the VetMB degree allows you to become a Member of the Royal College of Veterinary Surgeons (MRCVS), which is the professional qualification required to enter practice.

Management Studies



Management Studies is offered as a Part II-only course. Students at any College can apply to transfer to Management Studies after two or three years of studying another subject at Cambridge.

A management environment

No undergraduate business degree by itself can teach someone how to be a competent manager: that comes with experience and then further education. What Management Studies enables you to do is to study the subjects relevant to management and the environment in which the manager operates, whilst still a full-time student.

You develop a sound understanding of the fundamentals of management and various aspects of management practice, as well as gain practical experience in a real-life context.

You acquire the skills that a good manager needs, including the ability to apply critical analysis to management issues and an awareness of the responsibilities of managers in an economic, social and environmental context.

A stimulating environment

The Cambridge Judge Business School is responsible for Management Studies and provides library and computing facilities for both carrying out coursework and preparing papers and presentations.

However, amongst the most stimulating resources on the course are your fellow students: they come from different subject areas and have contrasting strengths, enabling you to learn from each other.

Teaching, topics and careers

Teaching involves lectures, supervisions and other active learning methods, such as a negotiations workshop.

Fact file

Duration One year

Entry requirements

Competitive entry after two or three years of another Cambridge course¹

Places available: 50

Location

Map reference J (see p154-5)

The six main areas of a manager's work make up the core subjects of the course:

- economics of firms and markets
- finance and accounting
- marketing
- operations management
- organisational behaviour
- quantitative methods

The value of our course is evident in the successful careers of our graduates. Since its introduction in 1986, Management Studies students have found employment across the full range of industry sectors, organisation sizes and localities. Recent graduates have gone on to careers for employers including Accenture, Allen & Overy, Bain & Company, Barclays, Clifford Chance, JP Morgan, LEK Consulting, Mastercard, McKinsey & Company, Morgan Stanley, PepsiCo, and Sainsbury's.

¹ Please note that not all Colleges allow students whose original course is three years to stay on to take Management Studies as a fourth year.

Manufacturing Engineering



Manufacturing Engineering is offered as a Part II-only course. Students at any College can apply to transfer to Manufacturing Engineering after completing Part I of Engineering or Chemical Engineering. Applications from other science courses may be considered.

Engineers and entrepreneurs

Successful, wealth-creating industries are increasingly managed by engineers with an appropriately broad education and training. Manufacturing engineers naturally have particular expertise in the design and operation of manufacturing facilities, but increasingly their role is as leaders of multidisciplinary teams.

Manufacturing Engineering gives you a thorough grounding in manufacturing technology and management, together with an understanding of the full range of activities involved from market analysis through product design and production, to sales and distribution, all set firmly within a financial and business context. As well as the engineering and business sides, you also acquire a sound understanding of the human aspects of industry and develop leadership and people skills.

An international emphasis

Towards the end of the course, students are encouraged to organise a voluntary overseas research tour for the whole group to investigate an area of current relevance. Recent projects have looked at how the manufacturing industry is emerging and evolving in countries such as India and China, and the Californian approach to industrial sustainability.

Fact file

Duration Two years

Entry requirements

Competitive entry after successful completion of Engineering Part I (see p67) or Chemical Engineering Part I (see p55)

Applications from other science students may be considered

Places available: 40

Location

Map reference W (see p154-5)

Teaching

Lecture courses (taught papers) provide the academic framework for the subject, and are complemented by project work, industrial visits, a programme of personal and business skills development, as well as projects based at the University and in industry. Successful completion of the programme leads to the award of the BA and MEng degrees.

Careers

Our graduates are much sought after for demanding jobs, in manufacturing but also in other branches of engineering, consultancy and commerce, and indeed a diverse range of other fields. They're equally well-placed to start their own companies, having gained a comprehensive understanding of how business works and having acquired contacts within a large number of national and international companies.



Colleges

At Cambridge, as well as being a member of the University, you're also a member of a College (see p3). Once you've decided on a course you'd like to study, you need to consider College choice.

What's a College?

Your College is your base for the time you're at Cambridge. It's where you live, eat, can do a lot of socialising, receive academic and pastoral support, and where you often (though not always) have your supervisions (see p13).

In your UCAS application, as well as listing Cambridge (institution code CAM C05) as one of your options in the 'Choices' section, you need to enter a College (campus) code. You can either choose a particular College or, if you don't have a preference, you can make an 'open' application (see opposite) and accept the allocation made by a computer program.¹

In both cases, your UCAS application is sent to a College and that College assesses it.

Are some Colleges better for certain subjects?

Regardless of their College, all students on the same course attend the same lectures, seminars and practicals, and sit the same exams (see p3).

+ Community

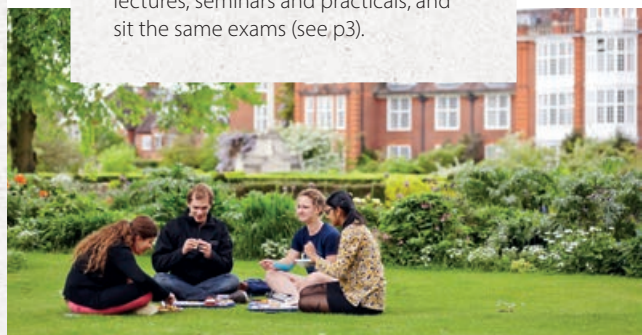
Colleges are a mix of students, academic Fellows and staff, creating a strong community atmosphere within each College.

+ Accommodation

The 29 undergraduate Colleges provide accommodation for most students² for at least three years.

Please note

The following pages represent life at our Colleges prior to the COVID-19 pandemic. The Colleges may need to make changes to their offering due to the COVID-19 pandemic and/or Government guidelines and restrictions. It is very important that you check the College websites detailed throughout for the most up-to-date information before applying or accepting an offer to study at the University. Please see p159 for more details.



How do I choose a College?

Everyone's reasons for choosing their College differ. Some Colleges don't take students in all subjects so check availability for your course first, using the table overleaf.

Otherwise, you may want to consider the following points:

- **Your age** – three Colleges are exclusively for students aged 21 or older (mature students, see p36-7) and their facilities are geared accordingly
- **Your gender** – two Colleges consider applications from female students only
- **Size** – number of students
- **Appearance and type of accommodation** (eg on-site or College-owned houses)
- **Particular facilities** – eg for certain sports, performing arts etc
- **Personal instinct** – it just 'feels right'

This section introduces each College. Once you've read the College profiles you may wish to:

1. shortlist around half a dozen
2. look at their websites to get more detailed information
3. get in touch with College admissions offices if you have any questions
4. explore the Colleges on our Virtual Tour (see p152-3) or visit a few Colleges so you can meet current students and see for yourself what it might be like to live and study there

How NOT to choose a College

- **Applications statistics** – choosing a College that attracts fewer applications or making an open application won't increase your chance of receiving an offer.
- **Travelling time** – Cambridge is a compact (and fairly flat!) city so wherever you are, it's easy to travel between your College and your department on foot, by bike or by bus.
- **Age of the College** – your student experience isn't dependent on the age of a College. They all provide the facilities and support you'd expect and each has its own traditions and history.
- **Specialisms of College Fellows** – the research specialisms of a College's Fellows won't dictate what you can study or guarantee you'll be supervised by them. You'll attend supervisions at another College if that's where the relevant supervisor is based.

What's an open application?

If you don't mind which College you attend then you don't have to choose – you could make an open application instead.

- After the closing date (15 October), a computer program allocates each open applicant to a College.
- The aim of the allocation is to even out the distribution of applicants for each course across the Colleges.
- Once allocated to a College, your application is treated exactly the same as any other application.
- For equally well-qualified applicants, making an open application or indicating a preference College makes no difference to your chance of being made an offer.

If you're an applicant with unusual qualifications (eg a non-standard choice of A Levels for your subject), a mobility and/or sensory impairment, or have other considerations that require particular support, then it's advisable to apply to a specific College having sought advice about your circumstances at an early stage, rather than make an open application.

Before you submit an open application, be sure that you'll be quite happy whatever the outcome: we can't change it once it's done. If you decide to make an open application, you should select '9' as the campus code in your UCAS application.

See p4-11 and the website (www.cam.ac.uk/apply) for information about the application process.

It's the University (not your College) that determines course content and students from all Colleges study together in the University's academic faculties and departments (see p3).

For equally well-qualified students, indicating a College preference or not (an 'open' application, see right) doesn't affect your chances of being made an offer. Interviewers aren't told whether you made an open application or selected a preferred College, and in a typical year, around 900 applicants are made an offer through the pool system (see p10) by a different College from the one they originally applied/were allocated to. That's more than one in five of all offers made.



Further information
www.cam.ac.uk/choosingacollege

¹ You can only submit one application to the University in a year, either choosing a preference College or an open application, and once you've submitted your UCAS application this choice can't be changed.

² Accommodation guarantee applies to all single undergraduates without children at all Colleges except St Edmund's. All single undergraduates without children are usually expected to live in College-owned accommodation where possible.

Colleges at a glance

The Cambridge Colleges have many more similarities than differences, and students settle in quickly and really enjoy their College, whichever that ends up being! All the undergraduate Colleges offer comfortable accommodation, a dining hall, bar and/or café, and library amongst other facilities, some of which you'll see detailed in the table below. Full information can be found on the individual College websites.

Many Colleges offer accessible rooms for students who need them – please check individual College websites for details and contact the Disability Resource Centre for further advice (see p28).

	Christ's	Churchill	Clare	Corpus Christi	Downing	Emmanuel	Fitzwilliam	Girton	Gonville & Caius	Homerton	Hughes Hall For students aged 21 and over	Jesus	King's
Page number	p118	p119	p120	p121	p122	p123	p124	p125	p126	p127	p128	p129	p130
Year founded	1437	1960	1326	1352	1800	1584	1869	1869	1348	2001	1885	1496	1441
Applying													
All courses offered?	No ¹	No ¹	Yes	No ¹	Yes	No ¹	Yes	No ¹	Yes	Yes	No ¹	Yes	No ¹
Campus code	A	B	C	Z	D	E	F	G	Y	H	7	J	K
Student numbers													
Undergraduate (UG) students	420	485	519	290	425	470	463	500	537	550	150	500	430
UG students admitted each year	c125	c140	c140	c95	c130	c145	c140	c140	c160	c185	c55	c145	c135
Postgraduate students	200	375	297	220	220	220	411	280	326	500	600	380	280
Accommodation													
All accommodation onsite?	Some offsite	All onsite	Some offsite	Some offsite	All onsite	Some offsite	Some offsite	Some offsite	All onsite	Some offsite	Some offsite	Some offsite	Some offsite
En suite available (1st year)?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
% en suite rooms (all years) ²	40	43	51	11	50	15	77	33	34	90	50	55	40-50
Standard minimum contract length (weeks, all years) ³	28	30	33	30	37	30	29	38	30	28	29	32	28
Sport and fitness													
Fitness suite/gym	Onsite	Onsite	Offsite	Onsite	Onsite	Offsite	Onsite	Onsite	Onsite	Onsite	No	Onsite	Onsite /Offsite
Squash/tennis courts	Squash - onsite Tennis - offsite	Onsite	Offsite	Onsite	Onsite	Onsite /Offsite	Onsite	Onsite	Onsite	Offsite	No	Onsite	Offsite
Sports grounds/playing fields	Offsite	Onsite	Offsite	Onsite	Offsite	Offsite	Offsite	Onsite	Onsite	Onsite /Offsite	No	Onsite	Offsite
Theatre/performance space	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Multi-faith space/Chapel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Location (see map p154-5)	1	2	3	4	5	6	7	8	9	10	11	12	13

¹ See College entry for details

² The type and set up of en suite bedrooms varies across the undergraduate Colleges. Please check individual College websites for details of each room type. Not all Colleges offer a choice of room type.



Location

Colleges are located across the city, all within walking or cycling distance of the city centre and the academic faculties and departments.

	Lucy Cavendish	Magdalene	Murray Edwards For female students only	Newnham For female students only	Pembroke	Peterhouse	Queens'	Robinson	St Catharine's	St Edmund's For students aged 21 and over	St John's	Selwyn	Sidney Sussex	Trinity	Trinity Hall	Wolfson For students aged 21 and over
	p131	p132	p133	p134	p135	p136	p137	p138	p139	p140	p141	p142	p143	p144	p145	p146
	1965	1542	1954	1871	1347	1284	1448	1977	1473	1896	1511	1882	1596	1546	1350	1965
	Yes	Yes	No ¹	No ¹	Yes	No ¹	No ¹	No ¹	No ¹	Yes	Yes	Yes	No ¹	No ¹	No ¹	No ¹
	L	M	O	N	P	U	Q	R	S	I	X	V	3	T	4	W
	350	360	387	380	430	260	500	386	440	124	658	400	350	720	387	150
	c130	c105	c105	c120	c135	c80	c140	c120	c135	c45	c170	c115	c105	c200	c110	c50
	350	213	182	290	295	206	500	172	220	463	319	250	275	350	257	600
	Some offsite	Some offsite	Some offsite	All onsite	Some offsite	Some offsite	Some offsite	All onsite	Some offsite	All onsite	Some offsite	All onsite	Some offsite	All onsite	Some offsite	All onsite
	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	75	20	34	24	n/a	26	72	50	22	72	25	65	22	33	40	58
	38	30	31	30	30	30	39	29	29	39	38	30	30	30	30	27
	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	No	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite	Onsite
	No	Onsite	Onsite	Onsite	Offsite	Onsite	Squash - onsite Tennis - offsite	No	Offsite	No	Onsite	Offsite	No	Onsite	Onsite	No
	Offsite	Offsite	No	Onsite	Offsite	Offsite	Offsite	Offsite	Offsite	Onsite	Onsite	Offsite	Offsite	Onsite	Onsite	No
	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	No	No
	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

¹ Based on the minimum standard contract length for the majority of rooms at each College for undergraduate students (all years) staying all three terms in 2020-21. Some Colleges may have shorter contract lengths available. Please check individual College websites for details.

Christ's College



Fact file

Courses available

All courses except Veterinary Medicine

Student numbers

420 undergraduates
c125 admitted each year
200 postgraduates

Director of Admissions

Dr Emily Tomlinson

Senior Tutor

Dr Robert Hunt

Map reference 1
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

From John Milton and Charles Darwin to Abioseh Davidson Nicol: Christ's has long nurtured outstanding scholars, from all kinds of background, giving them the tools to 'think differently' and break new ground across the sciences and the arts.

We welcome men and women of all nationalities, and from every walk of life, who are passionate about their subject, committed to academic excellence and keen to explore new ideas in a positive, enabling environment. Our current students come from more than 60 countries, and all regions of Britain, and our active network of alumni includes leaders in politics, business, research and creative industries around the world.

The College's architecture reflects both the diversity of our intake and the variety of our students' interests: you may live in medieval splendour, restrained Victorian elegance, or the radical concrete Modernism of New Court. Around half of our student rooms are en suite, and all undergraduates are accommodated within five minutes' walk of the main College facilities, which include a café/bar, a formal dining hall and less formal self-service canteen, together with a theatre, music practice rooms, and a well-stocked library, open 24 hours a day.

Christ's is centrally located, with instant access to the shops and cafés of the city centre, but its extensive gardens offer an oasis of calm amidst the hubbub, and conceal a seventeenth-century swimming pool, alongside a modern gym and squash court and (occasionally) the College cat; the tennis courts, badminton courts, playing fields and boathouse are a short cycle-ride away.

Our community is large enough to sustain a range of clubs, teams and societies, and small enough to ensure that it remains close-knit, and the support we provide for our students starts from the moment they first contact us. So if you'd like to know more, please do get in touch.



"I chose Christ's because of the size, location and atmosphere. It's a medium-small College, so I know everyone in my year, in the centre of town, so nothing was ever too far away, and the atmosphere is extremely friendly."

Shadab

www.chu.cam.ac.uk

admissions@chu.cam.ac.uk

01223 336202

Churchill College



Fact file

Map reference 2
(see p154-5)



Courses available

All courses except Land Economy, and Theology, Religion, and Philosophy of Religion

Student numbers

485 undergraduates
c140 admitted each year
375 postgraduates

Admissions Tutors

Dr Sonja Dunbar (medical and natural sciences)
Dr Jonathan Padley (all subjects)
Mr Richard Partington (arts, humanities, and social sciences)
Dr Paul Russell (mathematical sciences)

Senior Tutor

Mr Richard Partington

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Churchill College encompasses outstanding academic results, a diverse community with a relaxed feel, excellent and affordable on-site accommodation, first-rate facilities (especially for sports and music) and a great location.

In the mid-twentieth century, Churchill was created to confront through technology the challenges facing Britain and the world. Today this vision is more relevant than ever. Students in the arts and humanities as well as in science and technology will become the researchers and policy-makers of the future, urgently responding – dynamically, logically and creatively – to great international questions such as social justice, climate change and global health.

In Churchill's DNA are merit, widening participation and a forward-looking, outward-reaching, can-do attitude. We are different in lots of positive ways. Setting aside our (frankly comical) number of Nobel Prize-Winners and Andy Warhol Marilyns, our students are high-achieving but modest and kind: people who look out for one another, academically and socially. Our community addresses underrepresentation: it is more UK state-educated, more female, more international and more ethnically diverse than many people imagine. Undergraduates live and study alongside our many postgraduate students, working under the guidance of our large Fellowship of lecturers, professors and researchers. After graduation, they go on to further study or careers of huge and real achievement.

All Churchill's undergraduates live on our main site, set in a large park a short walk from Cambridge city centre. We're up the road from the University Library and the Sidgwick Site (arts and humanities), and effectively next door to the West Cambridge Site where many science courses are based. Our accommodation (over 40 per cent en suite) is highly rated by our students. They love our food!

Our students tell us that Churchill is their home. While working really hard, they – in their own words – put the CHILL in Churchill.



"No other College comes close to Churchill's spacious, open fields, large courtyards and level of greenery. You've always got somewhere quiet, uncrowded and unpretentious to come back to with Churchill."

Hugh

Clare College



Fact file

Map reference 3
(see p154-5)



Courses available

All courses

Student numbers

519 undergraduates
c140 admitted each year
297 postgraduates

Admissions Tutors

Dr Tim Chesters (arts)
Professor Howard Griffiths (sciences)

Senior Tutor

Dr Jacqueline Tasioulas

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Clare is a thriving community that is home to students from all backgrounds and from all over the world. Diverse and inclusive, the College is recognised for providing a friendly, supportive environment for bright, engaged students and their interests.

Situated in the very heart of Cambridge, the elegant buildings and gardens of Clare extend to both sides of the river, forming part of the famed Cambridge 'Backs'.

Clare has its own well-stocked library, sportsground, gym and music practice rooms. The University Library is immediately adjacent to the College site, and many faculties and departments are also nearby.

Clare has a large and active teaching Fellowship, providing inspiration and academic guidance for students. The College accepts applications in all subjects and the Fellows have a vast range of teaching and research interests. Staff and students work closely together, and there are student representatives on all major committees.

There is a wide range of College societies, including politics, drama, comedy, and numerous sports clubs. Societies also bring Fellows and students together for lectures and social events. Clare has a very strong musical tradition, with an internationally renowned choir.

The College participates in open days in July and September, and has an active outreach and access programme, as well as organising subject-specific sessions for applicants and teachers. Please check the Clare website for details or contact the Admissions Office for more information.



"Studying at Clare College is fantastic because you are part of a community of incredibly friendly people – staff and students alike! It is an amazing place to work and live in and I would definitely recommend applying here."

Rosa

Corpus Christi College



Fact file

Map reference 4
(see p154-5)



Courses available

All courses except Education,
Land Economy and Veterinary Medicine

Student numbers

290 undergraduates
c95 admitted each year
220 postgraduates

Admissions Tutor

Dr Michael Sutherland

Senior Tutor

Dr Marina Frasca-Spada

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Founded by the townspeople in 1352, Corpus' central location and beautiful settings are hard to beat. Underpinned by its close-knit and friendly community, Corpus provides a supportive and inclusive environment.

The main site of Corpus is situated in the centre of Cambridge, close to lecture halls, libraries and student facilities. At Corpus the ancient and modern sit side by side. Our Old Court is possibly the oldest surviving court in Cambridge, and has housed students for more than 650 years. In the adjacent Kwee Court you will find our modern 24-hour student library, which has extensive holdings and excellent study facilities, as well as our contemporary student café/bar. Our stunning dining hall is located in New Court, as is our Parker Library, which contains a world-famous collection of very beautiful medieval illuminated manuscripts.

As a Corpus undergraduate, you're guaranteed accommodation for the duration of your course in single-occupancy rooms, on or close to the main College site. Our site at Leckhampton is a 15-minute walk away. Here you will find large playing fields, tennis courts, a gym, a pool and extensive gardens.

Our students come from a wide range of social and educational backgrounds. We value each student's academic potential and provide the resources for them to flourish in Cambridge – outstanding teaching by our Fellows and academics, fantastic student facilities and first-rate pastoral support. Students combine their academic studies with our lively social and cultural life. We have a thriving music scene, a number of active subject societies, and a unique stand-alone studio theatre, the Corpus Playroom.

You can find useful information about admissions and facilities on our website, take a virtual 360 degree tour of the College and view accommodation. Better yet, visit us on one of our open days to tour the historic buildings and meet our students and Fellows.



"When I visited Corpus on the open day, I loved the welcoming atmosphere, beautiful buildings and small size of the College. The central location is perfect; close to lectures, shops and social activities. The college is small enough to really get to know everyone in your year and other years, and quickly feel at home."

Isabella

Downing College



Fact file

Courses available

All courses

Student numbers

425 undergraduates
c130 admitted each year
220 postgraduates

Admissions Tutor

Dr Kamran Yunus

Senior Tutor

Dr Guy Williams

Map reference 5
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Founded in 1800, Downing is both the newest of the 'old' Colleges and the oldest of the 'new', set in a spacious landscape of lawns, trees and gardens in the heart of Cambridge. We welcome applications from anyone with talent and commitment to join our friendly, academic community.

Home to about 425 undergraduates, 220 graduates and 50 Fellows, all supported by more than 130 staff, Downing is an inclusive and welcoming place. We accept students in all subjects, our highly-respected teaching and research staff are dedicated to helping students realise their full potential. Our Fellows are at the forefront of their respective academic fields.

We guarantee accommodation for three-year undergraduate courses on the main College site, should you extend your course, accommodation may also be available for your fourth year. Housing all undergraduate students on the main College site is unusual in Cambridge and helps build the strong sense of community so characteristic of Downing. Our exceptional accommodation are all single occupancy rooms with internet connectivity. Around half are en suite and several are adapted for students with physical or sensory impairments.

Our facilities include the well-stocked Maitland Robinson Library (open 24 hours a day), the magnificent Howard Theatre and the Heong Gallery. Downing has a strong musical tradition, with a flourishing Chapel choir and frequent concerts and recitals. Our excellent sporting facilities include a gym, tennis and basketball/netball courts, as well as an off-site sports ground and boathouse by the river. Students also enjoy the lively common rooms and student bar.

Downing is an inspiring place to live and study. Visit us on one of our open days to tour the College and meet students and Fellows.



"Downing is everything I'd hoped for in a College and more. It is a supportive environment to learn in, a beautiful place to live and a welcoming and inclusive community to be part of."

Faith

Emmanuel College



Fact file

Map reference 6
(see p154-5)



Courses available

All courses except Land Economy and the Education track Education, English, Drama and the Arts

Student numbers

470 undergraduates
c145 admitted each year
220 postgraduates

Admissions Tutors

Dr Robert Henderson (sciences)
Professor Cathie Rae (sciences)
Dr Philip Howell (arts)
Dr Corinna Russell (arts)

Senior Tutor

Dr Robert Henderson

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

At Emmanuel, we are proud of our College and its history, but prouder still of our students' achievements, academically, personally, and as members of the wider community. We are a friendly College with an informal atmosphere, where students are encouraged to make the most of their talents.

We give our students the space to pursue their own interests and ideas, providing an inclusive environment where everyone can thrive and do their best work regardless of background and beliefs. The College maintains an atmosphere of mutual support by fostering good relationships between our students across year groups and with the teaching Fellows who look after their educational progress.

Our students excel in their academic and social lives, and the College provides the framework for them to do this. We have excellent facilities for sport, computing and music; terrific teachers; a modern library with one of the best reading rooms in Cambridge; and a student-run bar.

Students can live in College accommodation throughout their time at Emmanuel and our rooms are located on the main site or in houses a short distance away. Emmanuel is a lovely place in which to live and work: the spaciousness and beauty of the grounds and buildings, right in the centre of Cambridge, tend to surprise everyone who enters from the busy streets around us. Our gardeners also believe that the outdoor spaces are to be enjoyed, so the two ponds, with their ducks and moorhens, the tennis courts in summer, the swimming pool and the large grass area known as the Paddock, are there for all members of the College to enjoy.



Student testimonial

"Emma has been like a second home for me – it has such an incredible community of friendly, passionate students, fellows and staff. It's known as 'the friendliest College' for a reason!"

Colin

Fitzwilliam College



Fact file

Courses available

All courses

Student numbers

463 undergraduates

c140 admitted each year

411 postgraduates

Admissions Tutors

Dr Sara Owen (arts)

Dr Robert Abayasekara (Sciences)

Senior Tutor

Dr Paul Chirico

Map reference 7
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Fitzwilliam College combines the best of Cambridge tradition with a friendly, forward-thinking approach, perfectly summed up by our motto: 'the best of old and new'. We were founded in 1869 with an aim to broaden access to the University, a history that we are proud of and that is reflected in our diverse and talented student body.

Our students enjoy high-quality College accommodation for the duration of their courses, never more than a five minute walk from the main College site. All students have access to well-equipped kitchens, complete with hobs and ovens, but they always have the option to eat a delicious meal in our spacious and modern hall. Our beautiful gardens are there for all – everyone can walk (or lounge!) on our grass, and an allotment provides fresh vegetables for our chefs. A lovely café provides an informal space where students, staff, and teaching Fellows can meet over coffee and homemade cake.

At the heart of the site is a Regency house, once home to Charles Darwin's widow and the oldest building on the College site. Right next to this historical building, our library, barely a decade old, is open 24/7 and provides a welcoming place to study, with large windows overlooking the gardens.

Fitzwilliam students are fully engaged with student life, and as a result the College has a strong reputation for music, drama, and sport, and we also host a range of other student-led societies. Our excellent facilities enable our students to throw themselves into their hobbies, and include music practice rooms, an art studio, the University radio studio, a gym and squash courts on site, and playing fields nearby.

Come and see for yourself! Explore Fitzwilliam with our students on an open day, or get in touch to arrange a visit or ask any questions.



"Fitz dispels every myth you've heard about Cambridge. It's a down-to-earth and welcoming College, full of friendly faces. What makes Fitz special is our sense of community; students have so many opportunities to get involved in College life."

Sophie

Girton College



Fact file

Map reference 8
(see p154-5)



Courses available

All courses except Education and History of Art

Admissions Tutors

Dr Stuart Davis (arts)
Dr Julia Riley (sciences)

Student numbers

500 undergraduates
c140 admitted each year
280 postgraduates

Senior Tutor

Dr Sandra Fulton

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Set in beautiful grounds of more than 50 acres just outside the city centre, Girton College's setting matches its open and informal atmosphere.

Founded on values of equality and diversity, Girton offers every student superb facilities in which to live and learn. Although we are one of the larger Cambridge Colleges, we offer a friendly community where no-one is anonymous. Whatever your subject, you receive top-class tuition, excellent support and an opportunity to exceed your expectations.

There is a wide range of student-run clubs and societies – subject, sporting and social – and some of the best facilities for music in the University.

The College guarantees its students accommodation for all years of their undergraduate degree. The majority of our undergraduates, including all first years, are housed on the historic main College site in a variety of accommodation – ranging from Victorian rooms in the original building, to modern en suite rooms in Ash Court. An option from the second year is an en suite room in the newly built Swirls Court (located between the College and city centre).

At Girton, you can experience all that's great about being at Cambridge. The College has excellent on-site sporting and leisure facilities, including football, rugby and cricket pitches; squash and basketball courts; a new gym and, uniquely, an indoor heated swimming pool. We have a state-of-the-art library, well-equipped computer rooms, and internet connections across all accommodation. We offer students plenty of flexibility for meals: you can use our very popular self-service cafeteria and all-day café or, if you want to cook for yourself, every corridor has a communal kitchen.

We maintain roughly equal numbers of men and women amongst our Fellowship and student body, and the relationship between Fellows, students and staff is friendly, lively and supportive.



"Were I to choose again, I wouldn't apply anywhere else. There's a togetherness like at no other College. Always a friendly face and staff are approachable. One of the unrecognised gems of Cambridge Colleges."

Andrew

Gonville & Caius College



Fact file

Courses available

All courses

Student numbers

537 undergraduates
c160 admitted each year
326 postgraduates

Tutor for Admissions and Outreach

Dr Chris Scott

Senior Tutor

Dr Andrew Spencer

Map reference 9
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Based in the very centre of Cambridge, Gonville & Caius (though we're usually known simply as 'Keys') is a large, welcoming College whose many strengths include superior accommodation, lots of teaching Fellows, excellent pastoral support and extensive opportunities to participate outside your studies.

With one of the largest BAME student populations in Cambridge, we are an increasingly diverse community with a strong commitment to widening participation. Our size means there's plenty of room for you to find your own niche within a highly supportive community: we have two on-site College nurses, one of whom specialises in mental health and wellbeing support.

Accommodation at Caius blends the old with the new: in first year, you'll be housed amongst beautiful gardens in 21st-century en suite accommodation, just a minute's walk from many faculties and the University Library, music practice rooms and our large sports ground. In later years you'll have the chance to live in some of Cambridge's oldest buildings, right in the heart of the city.

We have one of the largest Fellowships in the University, with teaching Fellows in nearly every subject. This means that much of our teaching takes place in College, which is great for settling in and finding your feet. Our Library is widely reckoned to be the most beautiful in Cambridge, and is certainly one of the best stocked.

Our College community is strengthened by our dedicated approach to dining. We encourage students to eat in our dining hall – a great place to meet new people and have an interesting conversation. You'll pay in advance for about 30 dining hall meals per term. When you're feeling like a quiet meal, all our accommodation is equipped with cooking facilities.

To hear more about us, have a look at our website, watch one of our videos, or pay us a visit!



"Caius is brilliant at making everyone feel at home and part of the College community quickly. As first years all live together and there's an emphasis on eating with friends in hall, I felt like I fitted into the College and adjusted to university life really easily."

Dan

Homerton College



Fact file

Map reference 10
(see p154-5)



Courses available

All courses

Student numbers

550 undergraduates
c185 admitted each year
500 postgraduates (including 200 PGCE)

Admissions Tutors

Dr Paul Elliott (sciences)
Dr Georgie Horrell (arts)

Senior Tutor

Dr Penny Barton

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Homerton is the newest College, one of the largest and most diverse. We have 250 years of history behind us, but our approach to learning is fresh and purposeful, and committed to supporting students in today's world.

Our innovative co-curricular programme, Homerton Changemakers, helps our students to plan for their futures as effective agents of positive change. Each new generation of students helps build our community, enhancing what is already one of the most vibrant, open and inclusive places for living and learning in the University.

Homerton is on the south side of Cambridge, with an orchard, lawns and generous green spaces to walk in. Our buildings mix old and new, with a fine Victorian building and a superb new dining hall at the College's heart. Living in College is overwhelmingly popular and all undergraduates can be accommodated on site throughout their studies. Most of our study bedrooms have en suite bathrooms, and all have wi-fi. As well as comfortable bedrooms we have a large, modern and well-stocked library, an excellent gym, a theatre, music rooms, fitness studio and exceptional sports facilities close to the College. Our students take full advantage of these to work hard and play hard.

Homerton has always been a welcoming place; somewhere to become who you want to be, whatever your interests and wherever you come from. Our students participate fully in the life of the College, taking part in our decision-making through the Students' Union and enriching the local and wider society with their multitude of interests, skills and enthusiasms. We're an evolving community, committed to remaining a place where doors are open, where nobody's too grand to talk to you, and where each student can develop their full potential in supportive and beautiful surroundings.



"Being at Homerton basically feels like being a member of one huge, supportive family – Hom is where the heart is!"

Charlotte

Hughes Hall



Fact file

Courses available

All courses except Architecture, Medicine (other than the Graduate Course) and Veterinary Medicine

Student numbers

For students aged 21 and over (mature students)
150 undergraduates
c55 admitted each year
600 postgraduates

Admissions Tutors

Dr Corinne Roughley (arts and humanities)
Dr Carole Sargent (law, sciences and graduate medicine)

Senior Tutor

Dr Philip Johnston

Map reference 11
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

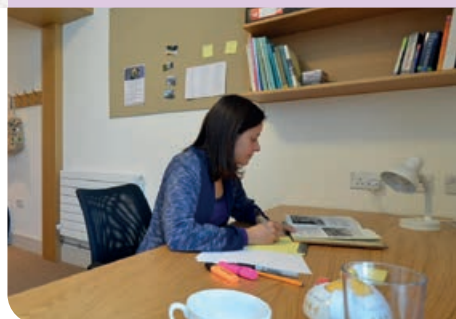
See also Cambridge Open Days p152-3.

Hughes Hall is a different type of Cambridge College. We are a friendly and supportive academic community, with around 150 mature or affiliated undergraduates and up to 600 postgraduates. Two-thirds of our students come from outside the UK. We understand the challenges that face mature and affiliated undergraduates, including international students, and have a welfare and tutorial team experienced in providing appropriate support and advice. We value our egalitarian and inclusive culture which allows individuals from all backgrounds to flourish.

Cambridge has much to offer in the form of both College and University level societies and sports. Hughes Hall students are strongly involved: they regularly represent Cambridge on University teams, and contribute to a diverse community where all can thrive.

Hughes Hall has excellent public spaces and student rooms. Our accommodation includes rooms in our Victorian main building, modern en suite buildings on site, and nearby shared houses. All room rents are set bearing in mind affordability, and as an undergraduate you are guaranteed a room for every year of your course.

The College is situated beside the lively, cosmopolitan area of Mill Road. It is within a 10-minute bike ride of most faculties, yet surrounded by the peaceful green spaces of the University cricket ground and Parker's Piece. It is also close to the train and bus stations.



"Because Hughes Hall is mature and international, everyone brings such diverse backgrounds and experiences to the student body. That's exactly why it feels so inviting – everyone knows what it's like to be new or out of place, so everyone works to make sure you're part of the College community."

Cris

www.jesus.cam.ac.uk

✉ undergraduate-admissions@jesus.cam.ac.uk

☎ 01223 339455

Jesus College



Fact file

Courses available

All courses

Student numbers

500 undergraduates
c145 admitted each year
380 postgraduates

Admissions Tutors

Dr Christopher Burlinson (arts)
Dr Matthew Harper (sciences)
Claire Fenton-Glynn (recruitment)

Senior Tutor

Dr Geoff Parks

📍 Map reference 12
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Our students say the best things about Jesus College are the mix of people and relaxed atmosphere, the great accommodation, and the location in the heart of Cambridge.

The best things about Jesus students are their diversity, their strong sense of community and their capacity for hard work.

We admit undergraduates across all subjects studied at the University, with roughly equal numbers in arts and sciences. We welcome applicants from all types of school and background – everyone is considered for admission as an individual on their own academic merit.

All our undergraduates are offered accommodation either in the main College buildings or in College-owned houses just across the road, so all Jesus students live only a stone's throw from the Porters' Lodge. The mix of rooms enables individual needs and preferences to be catered for. The College grounds are spacious and tranquil, away from the main tourist routes but only five minutes' walk from the city centre.

Our students are encouraged to excel in all walks of life, and this leads to a good mix of academic excellence with music, sports and the arts. We're particularly proud of our award-winning library which provides a superb working environment, our commitment to music of all sorts (ranging from two Chapel choirs to dedicated spaces for practice and performance), and our strong support for the visual arts, including our annual student-run arts festival. There are plenty of opportunities to relax and unwind, with hugely popular facilities including a new bar, café and recently refurbished common room. Unusually for a Cambridge College, our playing fields are on the main site.

You're very welcome to look around the College for yourself – take the virtual tour or attend one of our open days



"My favourite thing about Jesus College is the supportive atmosphere among students, teachers, and staff. Everyone makes time to have fun and support one another, while also working hard."

Amy

King's College



Fact file

Courses available

All courses except Education, Land Economy and Veterinary Medicine

Student numbers

430 undergraduates
c135 admitted each year
280 postgraduates

Admissions Tutors

Professor Bill Burgwinkle
Dr Zoe Adams (Assistant)

Senior Tutor

Dr Tim Flack

Map reference 13
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

King's has a long history of intellectual, artistic and social innovation. We were among the first of the historically male Colleges to admit women, and we have played a leading role in attracting ethnic minorities and state-educated students to Cambridge. King's is a vibrant, diverse and tolerant community which actively encourages applications from all UK schools and colleges, continental Europe and overseas.

The College has a high ratio of teaching Fellows to undergraduates, and relations between members of the College are informal. Our academic standards are high and we take intellectual life seriously. King's makes every effort to support students in their academic work and University lives, providing an excellent library, welcoming work spaces, and a committed tutorial team.

King's stands in the centre of Cambridge, with its splendid grounds and buildings stretching to the River Cam and beyond. There's a wide choice of accommodation, both en suite and with shared facilities. Meals are offered in the grand College Hall but you can always eat in the adjoining bar if you prefer something less formal. The bar – used for meetings, musical performances and open mic nights – is the heart of the College social life and the adjoining coffee shop provides a convenient study space. We offer sports facilities, punts and kayaks, music practice rooms, a dark room, clubs and societies, student-run club nights and an Art Centre which runs classes for all members. Our students are represented on College committees and fully engaged in the College's rich intellectual and social life.

King's is justly renowned for its music and Chapel. In addition to our celebrated male-voice choir, there's also King's Voices (a mixed choir), a student orchestra and a musical society. At King's, it's your academic potential that matters most and all students, regardless of background, can prosper here.



"From day one, everyone I've met at King's has been so nice and friendly! There's a great sense of community within the College and you can always find your own crowd and friends, as people here really welcome diversity and accept you for who you are."

Shaimerden

www.lucy.cam.ac.uk

admissions@lucy.cam.ac.uk

01223 330280

Lucy Cavendish College



Fact file

Courses available

All courses

Student numbers

350 undergraduates
c130 admitted each year¹
350 postgraduates

Admissions Tutor

Dr Mark King

Senior Tutor

Dr Jane Greatorex

Map reference 14
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Lucy Cavendish College's purpose has always been to provide opportunities for underrepresented groups to study at Cambridge. Previously a College for mature-age women, we now welcome applications from all suitably qualified students and our admissions policy means we aim to admit a majority of our students from underrepresented or disadvantaged backgrounds. The College houses a vibrant international community, with a mission to address scientific, social and technological global challenges. We particularly welcome applications from those who share our values and our entrepreneurial spirit.

Lucy Cavendish provides a high level of support during your transition to university and throughout your degree. We have an experienced tutorial team and enrol all students on a comprehensive Bridging Programme before your first term to ensure you are ready to make the most of your time here. A full programme of academic study skills, enterprise and career development throughout your degree then helps you to maximise your potential and ambitions.

Our modern, informal campus is a short stroll from the centre of Cambridge, within easy reach of all University departments and facilities. On the College site, there is a gym, bar/café and common room, music practice facilities and dining hall. The library is open 24/7 and our accommodation offers fully-equipped kitchens. There are numerous opportunities to pursue your own interests, including a lively sporting scene and many clubs, societies and teams.

For academically outstanding students seeking an unrivalled education and a community that reflects modern society, Lucy Cavendish offers a unique environment that all can truly call home at the heart of the historic University.



"The community at Lucy is one of the most diverse, inclusive and friendly. I was supported in my academic work and also personally; everyone wants you to succeed and get the most out of Cambridge. I've made friends for life at Lucy!"

Catherine

¹ Projected undergraduate student intake from 2021 following change in College admissions policy. Please see text and the College website for more details.

Magdalene College



Fact file

Courses available

All courses

Student numbers

360 undergraduates
c105 admitted each year
213 postgraduates

Admissions Tutors

Dr Sergio Bacallado (access)
Dr Stuart Martin (post-offer)
Dr John Munns (post-application)

Senior Tutor

Dr Stuart Martin

Map reference 15
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Magdalene College encourages applicants from all backgrounds and in all subjects. We are interested in your ideas, your intellectual progress and your contributions to our communal life, and will endeavour to provide an environment that can let you develop in the best way for you.

With an intake of around 105 new undergraduates each year it is possible to get to know all your fellow students! Alongside guaranteed accommodation on the main College site for all undergraduates throughout their studies, we provide a supportive network of students in higher years, Directors of Studies, Tutors, and professional support staff. A very warm welcome in your first week will make sure that you can settle in quickly, meet new people and feel at home.

Magdalene College has the advantage of an attractive and convenient location on the banks of the River Cam, with the longest waterfront of all the Cambridge Colleges, and less than five minutes' walk from the city centre. Our buildings range from formal Tudor architecture in First Court, the elegant Pepys Library in the Second Court through to the Magdalene Village (a unique mix of medieval study bedrooms and modern sets) and Cripps Court with its handsome garden and en suite rooms.

Magdalene is building a new library (scheduled to open in 2020-21) with 130 work spaces, seminar rooms, a social area and an art gallery. This will further complement our ideal environment for living and studying. Visit our website to find out more.



"I have met the most amazing people and made the best memories. There's always so much on whether you're into art, music, theatre, sport, or are of a particular religion; there is genuinely something for everyone here."

Branwyn

Murray Edwards College



Fact file

Courses available

All courses except Education and Philosophy

Student numbers

For female students only

387 undergraduates
c105 admitted each year
182 postgraduates

Admissions Tutor

Dr Susan Haines

Senior Tutor

Dr Michele Gemelos

Map reference 16
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Murray Edwards College provides academic excellence within a warm and welcoming community. At its heart lies a proactive commitment to improving the opportunities open to women within education and their professional lives.

As a student at Murray Edwards, you get the best of both worlds – working in a world class co-educational University and in a College with a special focus on women's learning.

Through our Gateway Programme we help you transition to studying in Cambridge, and help build the confidence and skills necessary to succeed. We then support you into the world of work through networking with our diverse body of former students who want to help women get ahead in the workplace.

We have a strong fellowship of both women and men who are dedicated to teaching women and both encourage and challenge you. They provide new ways of thinking about and speaking with the world and allow you to develop those areas of your subject that most interest you as well as helping you to achieve highly. We aid you to drive change in Cambridge and beyond, and we encourage our students to engage fully in all aspects of Cambridge life. Cambridge comes to Murray Edwards too through the events run by the College and by our students.

Our buildings and grounds are light and airy, inspiring not intimidating, and we are able to house all undergraduates on site or very close by, with many en suite rooms. This helps to strengthen the powerful sense of community, which you notice the moment you step inside. Our food, served in the iconic domed Hall, is reckoned among the best in Cambridge and you quickly come to feel that 'Dome is Home'.



"Murray Edwards is a safe space for everyone; staff are always around to make students feel supported academically and personally. The Gateway Programme is a perfect example of this, helping us fund personal ambitions whilst honing our academic skills."

Nere

Newnham College



Fact file

Courses available

All courses except Economics and Education

Student numbers

For female students only

380 undergraduates

c120 admitted each year

290 postgraduates

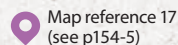
Admissions Tutors

Dr Sam Lucy

Dr Róisín Owens

Senior Tutor

Professor Liba Taub



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

150 years ago, a group of radicals – philosophers, campaigners, scientists, writers – came together to create a Cambridge College unlike any other. Newnham proudly remains radical, friendly, supportive and challenging, and equality is at our heart.

Our founders wanted a College that would be beautiful and sociable, with warm brick buildings looking out to huge gardens where students picnic, work and relax. From historic rooms with balconies to stylish modern en suite rooms, all Newnham undergraduates live on site, close to their friends.

Newnham is a College for women, led by women. It's a place where you'll see women hold the most senior roles; where you'll have the support to live life to your full potential. Your teaching and social life will be with women and men from across the University, and you'll come home to a College that supports women 100 per cent.

We have a nurse and counsellor on site, strong student-led diversity groups, and supportive tutors. Your personal tutor can help you to apply for additional financial support through our generous bursary, research, opportunity and travel funds. We run careers events and personal development programmes.

Our gorgeous library was built in 1897, when pioneering women students couldn't use the University libraries. Old Labs, the original women's laboratories, are now a performance and music practice space.

Newnham is next to the main arts and humanities site, with the science and engineering departments five minutes' cycle away. Our sports fields, tennis, gym and netball courts are all on site.

Students enjoy well-equipped kitchens for cooking with friends, the Buttery for relaxed meals, or dining in style in Hall. And there's always coffee and cake at our famous café-bar.



"Newnham is the most welcoming place you could want for starting university. I have felt supported by my College pastorally, and pushed academically to achieve my full potential. Most importantly, it's a very friendly College and a fun community to be a part of!"

Charlotte

www.pem.cam.ac.uk

adm@pem.cam.ac.uk

01223 338154

Pembroke College



Fact file

Courses available

All courses

Student numbers

430 undergraduates
c135 admitted each year
295 postgraduates

Admissions Tutor

Dr Caroline Burt

Senior Tutor

Dr Dan Tucker

Map reference 18
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

At the heart of Cambridge, Pembroke is a stone's throw from many departments and everything that the city has to offer. Here you'll find a warm and diverse community, with a friendly and relaxed atmosphere that comes from those who study, work and teach here. We welcome students from all backgrounds, and particularly encourage those from backgrounds or schools who might not usually consider Cambridge to think about applying to us.

Our food has a great reputation across the University, with our dining hall offering lots of choice and flexibility. We also have a café which serves food and drink throughout the day and becomes the College bar in the evening.

Besides the College bar, we have a library, computer room, gym, music practice rooms, sports fields and more, as well as loads of clubs and societies. Our students therefore have lots of opportunities to explore their wider interests, however seriously (or otherwise!) they want to take them. We also have a whole range of student support services on hand, such as our College Nurse and tutorial team, to ensure that our students are able to thrive whilst they are with us.

Pembroke students live on the main site or in nearby College-owned houses throughout their undergraduate studies, and accommodation ranges in age, size and price – but is all of a high standard. Whilst we don't have many en-suites, our students all have individual bedrooms, and most rooms have their own sink. All first years are housed on our main College site, making it really easy to make new friends when you first arrive.

Our students are united by a deep interest in their subject, which contributes to our reputation for academic excellence. We also respect one another's right to be different, and do all that we can to give Pembroke students the support they deserve. If you think we sound like a College that would suit you, then please do get in touch to find out more!



"Pembroke is the warmest community of people which I'm very proud to be a part of. The College has given me many opportunities which I am so, so grateful for."

Sarah

Peterhouse



Fact file

Courses available

All courses except Education, Geography, Land Economy, Psychological and Behavioural Sciences, and Veterinary Medicine

Student numbers

260 undergraduates
c80 admitted each year
206 postgraduates

Admissions Tutors

Professor Sophie Jackson (sciences)
Mr Scott Mandelbrote (arts)
Dr András Zsák (sciences)

Senior Tutor

Reverend Dr Stephen Hampton

Map reference 19
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Just five minutes' walk from the city centre, Peterhouse is an exciting and friendly place to live. It's perfectly situated for student life – close to the arts, engineering and science faculties, but just off the tourist trail.

Peterhouse's small size promotes plenty of individual attention for students. The College is a supportive community where students quickly make friends and feel at home. Both lively and inclusive, Peterhouse welcomes students with wide-ranging backgrounds, interests and opinions. The only things all our students have in common are high academic ability, dedication to their subject and a willingness to work hard.

We provide a range of excellent accommodation (including en suite rooms) in central Cambridge (on or adjacent to the main site) for all undergraduates for the duration of their course. We offer great food eaten in the oldest Hall in Cambridge, and there's the option of a candlelit dinner every night during term. Peterhouse has excellent facilities for study, sport, music and social events. These include a spacious and well-stocked library, as well as a theatre, music practice rooms, bar, computer room, gym, boathouse and sports grounds. The beautiful and tranquil Deer Park provides a large space for students to relax and meet friends while enjoying a pause in their busy schedules.

We always look to admit those with the potential to flourish in our nurturing environment and are committed to offering places to the most able, regardless of school or background.

To find out more about Peterhouse, why not come to an open day and meet our students and staff? If you're unable to attend one of these, individual visits can usually be arranged with the Admissions Team, who are always happy to advise you and answer any questions you may have.



"Peterhouse is a close-knit College. It's a space in which all students feel a sense of belonging, which makes settling in easy. The academic environment is just as supportive, allowing everyone to seek help when they need it."

Katie

Queens' College



Fact file

Courses available

All courses except Archaeology and Philosophy

Student numbers

500 undergraduates
c140 admitted each year
500 postgraduates

Admissions Tutor

Dr Andrew Thompson

Senior Tutor

Professor Martin Dixon (Acting Senior Tutor)

Map reference 20
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Queens' is a large, centrally located College. It is characterised by openness and informality, making it modern, welcoming and comfortable.

We want our students to pursue their academic interests and achieve their full potential. Queens' has been in the heart of Cambridge for more than five centuries, and today it supports a thriving academic community of undergraduates, graduates and academics.

Queens' undergraduates are guaranteed accommodation for three years. We offer a full catering service but each landing has a kitchenette for those who want to self-cater. All rooms enjoy internet access and wi-fi is available throughout. Queens' provides superb facilities for the arts. There are squash courts, a gym and punt hire within College, and the sports ground and boathouse are nearby.

The sole condition for admission to Queens' is academic potential. We welcome applicants from schools with no prior history of application to Cambridge. We will work hard to ensure that no applicant is prevented from studying here because of a disability, or social or financial disadvantage. We take particular care in selecting students. Applicants are interviewed sympathetically as we want you to show us your strengths.

Achieving a place at Queens' brings responsibilities. There is a firm expectation at Queens' that every student will work hard to fulfil their academic potential and maintain our reputation for academic excellence. We have a detailed programme of support to help first-year students make the transition from school to university.

You are welcome to contact the Admissions Office directly, to look on the website or attend an open day to find out more.



"Queens' has a welcoming and friendly atmosphere. It's small enough to have community spirit but big enough you can meet new people. The library is amazing but on the flip side you can relax in Q Bar and play pool!"

Amber

Robinson College



Fact file

Courses available

All courses except History of Art

Student numbers

386 undergraduates
c120 admitted each year
172 postgraduates

Admissions Tutors

Dr Scott Annett
Dr Holly Hedgeland

Senior Tutor

Dr David Woodman

Map reference 21
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Founded in 1977, Robinson is one of the most modern and ambitious Cambridge Colleges. Famed for its strong sense of community and relaxed atmosphere, there's nowhere better to pursue your studies and interests.

Robinson is perfectly located for life in Cambridge – directly opposite the University Library and extremely close to the arts and sciences departments. A short walk or bike ride takes you directly into the city centre. The magnificent College gardens are much loved by students and academics alike.

At Robinson, the student body is truly diverse, coming from all backgrounds and from all over the world. They have the very best academic and pastoral support, allowing them to achieve at the highest levels.

There are students on most Cambridge courses, and a community of scholars with varied academic interests who are keen to help students with their work.

Robinson accommodation is outstanding and all undergraduates live within the College grounds throughout their original course. Around half is en suite and the remaining generally has one or two bathrooms between two or three individuals (no bedrooms are shared). Facilities are exceptional: no matter what your interests, there are opportunities to pursue them here. Our library is accessible 24 hours and boasts a comprehensive collection of books. Robinson also has some of the best College food in Cambridge, whether in the cafeteria-style Garden Restaurant or the optional twice-weekly formal dinners in the Hall.

A copy of the College prospectus and a video about College life can be found on our website. We participate in virtual events throughout the year, and usually welcome individuals and school groups to the College for our open events. If you have any questions or wish to arrange a visit, please contact Francesca Amabile in the College Admissions Office.



"All Robinson undergrads live on the main site, which is great as it means we're often friends with people in different year groups."

Anna

St Catharine's College



Fact file

Courses available

All courses except Architecture, Education, History of Art and Linguistics

Student numbers

440 undergraduates
c135 admitted each year
220 postgraduates

Admissions Tutors

Dr David Bainbridge (sciences)
Dr Ivan Scales (arts)

Senior Tutor

Dr Holly Canuto

Map reference 22
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

St Catharine's is a welcoming, medium-size College, situated right in the centre of town. A lively and diverse community, we have earned a reputation for friendliness and academic success.

Founded in 1473, St Catharine's is an extremely supportive College, with a strong community spirit between students and staff. We've gathered a dedicated and approachable team of teaching staff committed to helping our students realise their academic potential, and excellent pastoral support staff.

Our admissions decisions are based solely on applicants' academic ability – proven and potential – and we strongly encourage applications from the widest possible range of students, regardless of educational background. We interview most applicants, and do everything we can to make the admissions process as positive as possible.

All students are accommodated throughout their three- or four-year undergraduate course – first- and final-year students live on the main site and those in their middle years live in attractive flats on Grange Road, close to the heart of the University.

The College offers excellent facilities for study and recreation. Our two libraries are among the best in Cambridge, there are well-maintained computing facilities, and all student rooms have high-speed internet access. The College has a small auditorium as well as a larger venue and a new student bar. Our sports facilities include extensive playing fields; squash, badminton and tennis courts; a gym; an all-weather AstroTurf hockey pitch; and an extensively refurbished boathouse. Our active choir records and tours regularly. We were also proud to be the first College to be awarded Fairtrade status.

Our Admissions Office is happy to receive enquiries and to arrange visits to the College. Further information can be found on our website.



"Main Court hosts some of the most memorable highlights of the College calendar, including matriculation, Christmas celebrations, garden parties and the May Ball. Day-to-day I enjoy working on the benches in the sun, spotting people you know across the way and looking out for the ducks nesting there."

Anousa



St Edmund's College



Fact file

Courses available

All courses

Student numbers

For students aged 21 and over

(mature students)

124 undergraduates

c45 admitted each year

463 postgraduates

Admissions Tutor

Dr Martin Thompson

Senior Tutor

Dr Judith Bunbury



Map reference 23
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

St Edmund's has an international and multidisciplinary flavour. Half of our student body are from overseas, with almost 80 countries represented.

Most of our students are postgraduates, but our student community also includes 124 mature undergraduates (aged 21 or over), including some students studying for a second undergraduate degree.

The College sits in six acres of parkland and is conveniently located for the arts faculties, the West Cambridge Site, the Veterinary School, the University Library and the city centre. The College site has 335 single student rooms with nearly two thirds of these en suite. Our dining hall offers up to three meals a day as well as formal meals at least once a week during term time. Students are also welcome to cook their own meals in our well-appointed kitchens.

Our library building includes a large reception/lecture room, teaching rooms, a gym and a music practice room. We also have our own coffee shop, Edspresso, and two large common rooms with free tea, coffee and homemade cookies provided twice a day.

The students, staff and Fellows of St Edmund's form a single community with the student body led by a lively executive committee that runs the College bar, student societies and a host of social events.

The numerous College clubs and societies include the choir and those for Law, sports and music. Many College members participate in their field at University and national level.

The Chapel reflects the Catholic heritage of the College and is open to other Christian bodies. It's also open to all members of the College as a place of quiet prayer and contemplation. The Von Hügel Institute for Critical Catholic Inquiry also enriches the life of the College.



"St Edmund's is a tight-knit community: our intimate College cultivates academic rigour, promotes wellbeing and forges life-long friendships."

Matthew

St John's College



Fact file

Map reference 24
(see p154-5)



Courses available

All courses

Student numbers

658 undergraduates
c170 admitted each year
319 postgraduates

Admissions Tutor

Dr Victoria Harvey

Director of Education and Senior Tutor

Dr Mark Nicholls

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

St John's is a spectacularly beautiful College located on the River Cam at the heart of the city centre. Founded by Lady Margaret Beaufort in 1511, St John's combines 500 years of history with pioneering research and award-winning teaching. We are one of the largest Colleges and welcome around 170 new undergraduate students every year from a variety of backgrounds. Our diverse student body means that no matter where you come from, you will find like-minded people here who you can develop new ideas and forge lifelong friendships with.

All of our students are guaranteed accommodation throughout their time in Cambridge, which helps build the strong sense of community St John's is so famous for. You will rarely be able to cross our ancient courts to go from your room to the dining hall, the free onsite laundry, gym or bar without running into someone you know. We have more than 40 student-run societies and sports teams, so there is always something going on.

Terms here are challenging and exhilarating but that is because Cambridge offers one of the most transformative learning experiences in the world. At St John's you will live and work alongside leading academics who are undertaking globally significant research in their field. However small your subject, there is someone here working in your discipline who will encourage and support you – pastoral support is at the heart of our teaching.

Whatever your circumstances, if you think you have got what it takes to become part of St John's, then we want to hear from you.



"John's stood out to me because it has a really strong community – walking around everyone is always friendly and approachable. It still feels crazy to me that I'm basically living in a castle but at the end of the day it is just student accommodation and John's manages to be both beautiful and homely."

OLLIE

Selwyn College



Fact file

Courses available

All courses

Student numbers

400 undergraduates
c115 admitted each year
250 postgraduates

Admissions Tutors

Dr Daniel Beauregard
Dr Stuart Eves
Mr Steve Watts

Senior Tutor

Dr Mike Sewell

Map reference 25
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Selwyn combines academic excellence with a strong, diverse community and provides an environment in which students can excel, achieve their potential and enjoy student life to the full. Studying at Selwyn is fascinating and fulfilling.

Selwyn is a medium-size College located a short walk from the city centre. Our spacious site is set in beautiful gardens that create a calm and relaxing environment. We guarantee undergraduates accommodation for the three or four years of their course (65 per cent of rooms are en suite). All are housed on a single site, enabling our students to enjoy learning while sharing in the richness of a full and varied communal life.

The College has produced leaders in many fields and is at the heart of Cambridge's academic facilities. The University Library and Sidgwick Site, home to many arts and humanities faculties, are adjacent to our gardens; and we're located between the central and West Cambridge sites where most science departments are found.

We welcome applicants from all social and educational backgrounds and are committed to fairness in all our processes. Academic excellence, strong subject commitment and the potential to do well on the intended course are the criteria for admission.

If you relish the prospect of studying in an intellectually challenging environment, and are willing to put in the time and effort needed to be successful in your studies, we believe you'll feel at home at Selwyn.

To find out more please see our website or contact us. You can also visit us on an open day, on a school visit, or by making an individual appointment.



"Selwyn provides good accommodation, has lovely gardens and is conveniently located near to the University Library and many Faculty buildings. Selwyn's supportive community has helped me to achieve highly."

Gillian

Sidney Sussex College



Fact file

Map reference 26
(see p154-5)



Courses available

All courses except Education

Admissions Director

Dr Catherine Sumnall

Student numbers

350 undergraduates
c105 admitted each year
275 postgraduates

Senior Tutor

Mr Massimo Beber

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Sidney is a small (around 100 freshers), strong, vibrant community. Proud of our long history (founded in 1596 – the youngest of the “old” Cambridge Colleges), we are modern and inclusive in outlook.

Most undergraduates live on site, or a short walk away, right in the heart of the city. Accommodation is guaranteed for up to four years; rooms vary from sharing a College house with friends, to study-and-bedroom set combinations in the older parts of Sidney. First year students are randomly allocated a room, and get to know other students easily and settle into Sidney life.

Our cafeteria is open for breakfast, lunch and dinner, with Formal Hall occurring three times a week in the beautiful main Dining Hall. From 2021, a second dining hall provides a relaxed atmosphere and more flexible serving hours. The student-run bar is at the heart of many of the College’s student-run events.

The library is accessible 24 hours a day, and our library team is helpful and ever enthusiastic. Sidney has a dedicated pastoral team, including a nurse, a study skills co-ordinator, and a student welfare specialist. We are proud of the atmosphere of inclusion and encouragement we foster: we want our students to excel academically, and to be happy while doing so.

The Sidney Sussex College Students’ Union work hard to make sure students feel at home. They organise a lively and varied set of activities for new students, and there is plenty going on throughout the year. They take an active part in the running and development of College too.



“Sidney became a place I called home scarily quickly. The friendly community and small size made it easy to make friends and despite being in the very centre of town, it somehow has a chilled out and relaxed atmosphere.”

Tom

Trinity College



Fact file

Courses available

All courses except Education and Veterinary Medicine

Student numbers

720 undergraduates
c200 admitted each year
350 postgraduates

Admissions Tutor

Dr Glen Rangwala (Director)
Professor Imre Leader (sciences)
Professor Emma Widdis (arts)

Senior Tutor

Professor Catherine Barnard

Map reference 27
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Trinity provides a large and diverse community in which to live, work and play. We offer high-quality accommodation, a central location on the river, excellent meals in Hall and extensive sports facilities.

Trinity has a long tradition of academic excellence. We welcome all those who have the ability and determination to succeed, whatever their background. Tutors, Directors of Studies and supervisors work closely with our students to engage them in the wide range of educational and research opportunities that the College and the University opens up to them.

The setting of the College serves to inspire. There is some magnificent architecture at the heart of Trinity – Great Court, the Chapel, the Hall, Nevile's Court, the Wren Library – but there are also fine modern buildings, including an attractive development at Burrell's Field, a short walk away through the beautiful College gardens.

There is a lively Students' Union that organises a wide variety of social events, and a popular student centre with common rooms and a bar. Undergraduates can live in College throughout the full length of their course, and all rooms have internet connections.

We are actively committed to widening participation. We host residential and other visits to the College, and work closely with educational charities to encourage applications from all schools, further education colleges and sixth forms, including those with little or no experience of Cambridge.

You can learn more about Trinity by booking a place at an open day, or just by visiting the College informally to have a look around. Our website contains comprehensive information and the Admissions Office is happy to deal with further enquiries.



"My favourite aspect of Trinity is the sense of community that the College fosters. You become an integral part of Trinity's tradition and innovation, an important recipient of and contributor to the opportunities that are offered, and an active participant in determining the College's legacy."

Elizabeth

www.trinhall.cam.ac.uk

admissions@trinhall.cam.ac.uk

01223 332535

Trinity Hall



Fact file

Map reference 28
(see p154-5)



Courses available

All courses except Education

Director of Admissions

Dr Marcus Tomalin

Student numbers

387 undergraduates
c110 admitted each year
257 postgraduates

Senior Tutor

Dr Clare Jackson

Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Trinity Hall is a small, friendly, informal College that helps its students grow and develop both intellectually and personally. Located a short walk away from most lecture halls, laboratories, libraries, clubs, pubs, and shops, it is ideally situated for student life in Cambridge. The College library and the picturesque gardens overlook the river, providing a relaxed environment in which to work and unwind. The novelist Henry James called it 'the prettiest corner in the world'. The Aula Bar and Coffee Shop offer a cosy setting in which to grab a drink and catch up with friends.

Every undergraduate at Trinity Hall has a room in College for the duration of their course. Some of the rooms are in evocative historical buildings, while others are in impressive modern accommodation blocks with excellent en suite facilities and large communal kitchens. This refreshing mixture of the old and the new means that all our students can live comfortably while they study with us.

Although our students maintain a long tradition of academic excellence, they also contribute to College and university life through their extra-curricular activities. All undergraduates have access to a free gym, squash courts, tennis courts, playing fields, a boathouse and a music room with a grand piano, electric keyboards, amps and drum kit.

As this suggests, Trinity Hall is far more than just a collection of beautiful buildings. It is a dynamic and diverse community of people from all over the world. We encourage applications from motivated students from all social and educational backgrounds and especially those who come from schools or colleges with little or no tradition of applying to Cambridge.

To find out more about the College, please visit our website or attend one of our open days. Our Admissions Team are always happy to answer any queries you might have.



"Trinity Hall is the loveliest sanctuary in the busy city and from busy life at the University. I can't imagine a better place to call home."

Izzy

Wolfson College



Fact file

Courses available

All courses except Economics and Mathematics

Student numbers

For students aged 21 and over (mature students)

150 undergraduates
c50 admitted each year
600 postgraduates

Admissions Tutor

Dr Lesley MacVinish

Senior Tutor

Dr Susan Larsen

Map reference 29
(see p154-5)



Open days 2021

Please visit www.cam.ac.uk/college-open-days for 2021 College open day dates and visit the College website for regular updates.

See also Cambridge Open Days p152-3.

Wolfson is a lovely, modern College that combines many Cambridge traditions with a friendly and open atmosphere. Our diverse community includes students from more than 80 different nationalities, of many different ages and origins, and from all walks of life. As a mature College, Wolfson only accepts applications from students aged 21 and over. Half of our undergraduates are aged between 21 and 23, but we welcome students of all ages.

Wolfson is home to around 150 undergraduates and we offer on-site accommodation for the duration of your course. There are a variety of rooms available, including singles, en suites, shared houses and family flats. All blocks have access to self-catering kitchen facilities and rental fees are inclusive of utilities and cleaning services.

The College has a variety of study and social spaces shared by all College members. Our students' association (WCSA) hosts a range of social and academic events for undergraduates and postgraduates alike, including yoga and dance classes, comedy shows, sports activities, weekly seminars, and our annual Wolfson Research Event. These events foster a strong sense of community and ensure Wolfson students are stimulated culturally, socially and intellectually throughout their time here.

Our dining hall serves three meals a day with formal halls held twice a week during term time. The Lee Library is open 24/7 and hosts a wide range of skills workshops. We also have beautiful award-winning gardens, a tennis court and a gym with a weights room.

The College is located just beyond the bustle of the city centre, a short walk from the Sidgwick Site (for Arts, Humanities, and Social Sciences faculties) and a ten-minute cycle from the city centre and West Cambridge Site.



"I thought Cambridge would be too traditional and stuck in the past for me, but then I found Wolfson and I just thought, 'this is the perfect place!'"

Marlie

Useful information

Now that you've had the opportunity to read about our courses and the Cambridge Colleges, there's some more information that you might find useful. In this section of the Prospectus, you'll find more details about entrance requirements, opportunities to hear from staff and students about life at the University, and some other essentials such as contact details and a map of the city.

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Finding out more	151
Open days and events	152
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Index	156
Terminology	160

Any Questions?

If you have any questions that haven't been answered in the Prospectus, please contact one of the College admissions offices or Cambridge Admissions Office (www.admissions.cam.ac.uk).



Entrance Requirements

If we offer a course you want to study and you decide to apply, then your overall chance of being made an offer of a place at Cambridge is approximately one in five.¹

The following pages give more details on course requirements and typical offers. Additional guidance is available on p4-11, including information used to assess applications and general information about what Admissions Tutors look for in applicants.

Please see the Undergraduate Study and College websites for full conditions of entry (www.undergraduate.study.cam.ac.uk/applying/decisions).



Typical offers and requirements

Whatever system you're being educated in, we require top grades in the highest level qualifications available for school/college students – most successful applicants ultimately exceed the conditions of their offer.

One of the strengths of the Cambridge admissions system is its ability to assess all applications individually, and all Colleges may modify offers to take account of individual circumstances. This means that some applicants may be set less or more challenging offers than those listed below and in the course entries, and some offers may specify grades to be achieved in particular subjects.

Transcripts

If you haven't taken six or more GCSEs/IGCSEs or five or more Scottish National qualifications in the last three years, you're required to submit a transcript outlining details of your qualifications as part of your application. See the College websites for subject requirements/preferences and admissions guidance.

Entry requirements

Qualification	Notes
GCSEs	<ul style="list-style-type: none"> • There are no GCSE (or equivalent) requirements for entry to Cambridge. • GCSE results are looked at as a performance indicator, but within the context of the performance of the school/college where they were achieved.
A Levels	<ul style="list-style-type: none"> • Refer to the relevant course entry/entries (p43-113) for typical A Level offers. • Applicants may be required to achieve A* in a particular subject(s), depending on individual circumstances. • Students taking any modular A Levels are required to provide details of these qualifications and UMS as part of the application process. • We usually expect that students taking A Levels in science subjects will successfully complete any practical assessment. • Critical Thinking is worthwhile but not acceptable as a third A Level subject for any Cambridge course. • Key Skills and General Studies aren't included in academic assessment.
Extended Project (EPQ)	<ul style="list-style-type: none"> • We welcome the EPQ and would encourage applicants to take one as it will help to develop independent study and research skills valuable for higher education. • We recognise that not all students have equal access to them, so the completion of the EPQ won't normally be a requirement of any offer made.
International Baccalaureate Diploma (IB)	<ul style="list-style-type: none"> • Typical offers are 40-42 points out of 45, with 776 in Higher Level subjects. • Applicants may be required to achieve 7 in a particular subject(s), depending on individual circumstances.
Scottish qualifications	<ul style="list-style-type: none"> • Courses with a typical A Level offer of A*AA generally require A1, A2, A2; and for courses with a typical A Level offer of A*A*A, offers are usually A1, A1, A2. • In some cases, two Advanced Highers and an additional Higher may be acceptable – contact a College for advice. • Three Advanced Highers are expected within the Scottish Baccalaureate.
Welsh qualifications	<ul style="list-style-type: none"> • Offers are conditional on three A Level subjects studied as options for the Welsh Baccalaureate Advanced Diploma. The Skills Challenge may be taken into consideration in assessment for admission, but would not normally be included as part of an offer. • Students taking any modular A Levels are required to provide details of these and their UMS as part of the application process.
Irish Leaving Certificate	<ul style="list-style-type: none"> • Offers are based on achievement in Higher Level subjects, with H1 in subjects most relevant to the course. • Courses with a typical A Level offer of A*AA generally require H1, H1, H1, H2, H2, H2; and for courses with a typical A Level offer of A*A*A, Leaving Certificate offers are usually H1, H1, H1, H1, H2, H2.

¹ Of the 20,246 applications made for entry in October 2020 (or deferred entry in October 2021), 3,994 students were accepted. To see application statistics from previous years, please visit www.cam.ac.uk/ugstatistics.

Entry requirements (continued)

Qualification	Notes
Sixth Term Examination Papers in Mathematics (STEP)	<ul style="list-style-type: none"> STEP Mathematics is used to assess aptitude for university study in mathematical subjects. It's used as part of almost all conditional offers from Cambridge for Mathematics. Some Colleges require/may require STEP for other courses needing strong mathematical ability. The STEP content is based on core A Level/IB Higher Level/Scottish Advanced Higher (or equivalent) Mathematics material, and is taken during the A Level examination period. You must speak to your school/college about registering for the STEP assessments. More information and links to resources (including the free online STEP support programme) are available online at: www.cam.ac.uk/step.
AQA Baccalaureate	<ul style="list-style-type: none"> Offers are conditional on achievement in the A Levels (see p149) within the qualification, rather than the overall Baccalaureate award.
Cambridge Pre-U Diploma	<ul style="list-style-type: none"> Conditional offers are set on an individual basis but are likely to require the achievement of Distinction level grades (D2 or D3) in Principal Subjects.
Access to HE Diploma	<ul style="list-style-type: none"> Attainment of an Access to HE Diploma with Distinctions in all relevant subject units can be acceptable preparation for most arts subjects and Psychological and Behavioural Sciences (PBS) at Cambridge. An Access to HE Diploma alone is not sufficient for sciences (excluding PBS) or Economics at Cambridge. Some courses may have additional academic requirements (see online for details). In all cases, contact a College admissions office for advice.
Advanced Diploma	<ul style="list-style-type: none"> The Advanced Diploma in Environmental and Land-based Studies is acceptable for Geography and Natural Sciences (Biological). Conditions apply in all cases (details online).
European Baccalaureate	<ul style="list-style-type: none"> 85-90 per cent overall, scores of 9 or more in subjects most closely related to the course you want to study.
French Baccalaureate	<ul style="list-style-type: none"> 16 or 17 (mention très bien) out of 20, with 16 or 17 usually required in individual subjects.
German Abitur	<ul style="list-style-type: none"> Between 1.0 and 1.2 overall, with 14 or 15 in subjects most closely related to the course you want to study.
Advanced Placement (AP) Tests	<ul style="list-style-type: none"> Successful applicants normally have high passes in the High School Diploma and the SAT, and 5s in at least five AP Tests in appropriate subjects (APs may form part of a conditional offer).
VCE and Applied A Levels, GNVQs and BTECs	<ul style="list-style-type: none"> These qualifications aren't an appropriate preparation for most Cambridge courses, although a combination of A Levels and VCE or other qualifications may be acceptable for some courses. See the website for guidance and seek further advice from a College Admissions Tutor.
English language requirements	<ul style="list-style-type: none"> If your first language isn't English, please see p39.

If the qualification you're taking isn't listed here, please look online as early as possible to check that it provides an appropriate preparation for the course you hope to study.

Applicants taking a mix of qualifications from different examination systems are considered providing that the individual qualifications are acceptable and any subject requirements are met. Conditional offers are made on a case-by-case basis but are normally in line with the typical offers made when the qualifications are taken on their own.



www.cam.ac.uk/entrancerequirements



www.cam.ac.uk/uginternational

Finding Out More

We've tried to provide as much information as we can in this Prospectus, but should you have any further questions after reading it and checking our website, please get in touch or visit one of our on campus or virtual events (see p152-3).



Cambridge Admissions Office (CAO)

The CAO provides general advice to prospective applicants and their advisers about applying to and studying at Cambridge. This Prospectus and information about interviews and student finance are also available online.

01223 333308

admissions@cam.ac.uk

www.undergraduate.study.cam.ac.uk

Location

Map reference M (see p154-5)

Cambridge Students' Union (Cambridge SU)

Cambridge SU provides information and advice for prospective applicants on their main website and Alternative Prospectus website (which includes the 'Ask a Student' facility). Cambridge SU also runs the Shadowing Scheme (see p153).

01223 333313

www.cambridgesu.co.uk

www.applytocambridge.com

Location

Map reference F (see p154-5)

Colleges

All of the Colleges have their own websites (see p118-46) providing much of the information you may wish to know. To then find out more about a College, get in touch with that College's admissions office.

www.cam.ac.uk/ugcolls

Courses

All of the faculties and departments have their own websites providing further information. See the individual course entries for web links and contact details (p43-113).

www.cam.ac.uk/courses

Disability Resource Centre (DRC)

Students with a disability/long-term health condition/specific learning difficulty are encouraged to contact the DRC and a College admissions office as early as possible for advice. Guidance can also be found on the DRC website. Information from this and other CAO publications can be provided in alternative formats on request from the CAO (see left).

01223 332301

disability@admin.cam.ac.uk

www.cam.ac.uk/disability

Location

Map reference M (see p154-5)

Postgraduate study

The University offers a wide range of postgraduate courses, including PhD, MSc, MLitt and MPhil degrees and certain Certificates and Diplomas. Information is available online and from the Postgraduate Admissions Office.

www.postgraduate.study.cam.ac.uk

Location

Map reference M (see p154-5)

Universities and Colleges Admissions Service (UCAS)

Applications to Cambridge are made online through UCAS. Once you've submitted your application, you'll be able to monitor its progress using UCAS Track.

0371 468 0 468

www.ucas.com



Open Days and Events

You don't have to visit Cambridge to apply to the University but our events offer opportunities to get a feel for the city and the University, find out more about admissions procedures, courses and facilities, and to ask any questions you might have.

We organise a range of on campus and virtual events each year. We've detailed some of these below. Please check the University website, or relevant College or department website for event updates and details before planning your visit.

You can sign up to our mailing list to be notified about upcoming events and opportunities at the University that may be of interest.

Explore the University on our Virtual Tour

You can access a range of information, 360 degree photography, articles and videos from our Colleges and departments on our Virtual Tour.

A great way to hear directly from our staff and students, the Virtual Tour gives you a sense of the collegiate University and what it's like to study here. Alongside information about our Colleges and departments, you'll find details about general University facilities and life in Cambridge.

Visit www.virtualtour.study.cam.ac.uk to start exploring.

Cambridge Open Days

Our University-wide Open Days are aimed at prospective applicants in Year 12 or equivalent, and feature a range of activities, tours and presentations from academic and admissions office staff.

Please check the Undergraduate Study website for the 2021 Open Day dates, regular updates and booking instructions.



Further information
www.cam.ac.uk/opendays



"I've always loved learning and academia, and so I knew I wanted to go to university. In Year 12, I shadowed a Cambridge student through the Shadowing Scheme, and I fell in love with the University. The beautiful surroundings and academic rigour through the supervision system create a truly unique learning experience."

Charlotte

Shadowing Scheme participant,
Education graduate

College and department open days

Many of the Cambridge Colleges and academic departments also run open days and events throughout the year, some of which may be online. Check the Undergraduate Study website as well as individual College websites and relevant department and faculty websites for dates and details.

Other events

Subject Masterclasses

Subject Masterclasses provide an opportunity for students in Year 12 or equivalent to explore topics of interest beyond what's covered at A Level/IB Higher Level, and to experience typical undergraduate teaching at Cambridge.

www.cam.ac.uk/masterclasses

Oxford and Cambridge Student Conferences

Each year, the Universities of Cambridge and Oxford organise a series of joint conferences for Year 12 or equivalent students and their teachers/HE advisers. The conferences are designed to provide up-to-date information on courses available, the application and admissions procedure, and student life at both Universities.

www.cam.ac.uk/ocsc

Outreach events and initiatives

Hundreds of outreach initiatives and events are usually run each year both in Cambridge and in schools and colleges across the UK. These include subject-specific Sutton Trust Summer Schools for students in Year 12 or equivalent. You can find out more about whether you are eligible for the scheme, how to apply and other outreach activities for you to get involved in on our website.

www.cam.ac.uk/outreachevents

College Area Links Scheme

The Area Links Scheme was established to enable schools and colleges across the UK to build strong, effective relationships with the Cambridge Colleges. Every part of the UK is linked with a Cambridge College, giving the schools and colleges in that area a specific contact point at the University.

The Area Links Scheme has enabled our Colleges to get to know specific regions and their local educational environments, allowing them to tailor their outreach activities to the needs of each location.

If you'd like more information about the University or to arrange a school visit to or from Cambridge, your link College is keen to hear from you! Each College runs its own programme of activities for schools/colleges in their link regions. For more details visit:

www.cam.ac.uk/arealinks.

Cambridge SU Shadowing Scheme

The Shadowing Scheme brings UK students from state schools without a tradition of top university entry to Cambridge for three days to shadow a current undergraduate studying a subject they are interested in. In 2021, the Scheme ran virtually, and participants were able to attend remote lectures and learning sessions, and to chat with current students one to one online. You can find out more about the Scheme and how it will run in 2022 in the Cambridge SU Alternative Prospectus: www.cambridgesu.co.uk/yourvoice/projects/alternativeprospectus.

Teachers and Advisers

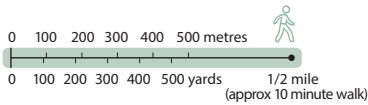
A number of events for teachers and HE advisers are organised by the Cambridge Admissions Office and several of the Colleges to provide up-to-date information about the University, application procedure and outreach activities offered. Details are available in the teachers' and advisers' area of our website: www.cam.ac.uk/teachers.

Cambridge City Map

Colleges

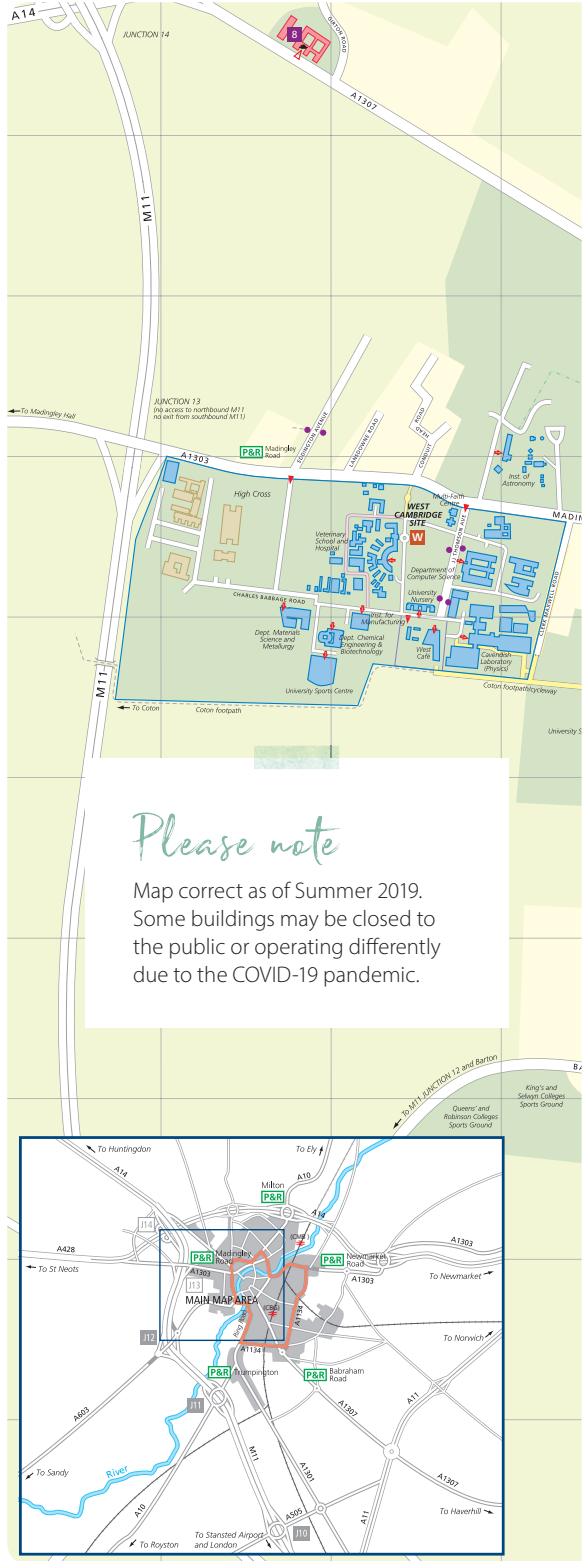
- | | |
|-----------------------------------|----------------------------------|
| 1 Christ's College | 16 Murray Edwards College |
| 2 Churchill College | 17 Newnham College |
| 3 Clare College | 18 Pembroke College |
| 4 Corpus Christi College | 19 Peterhouse |
| 5 Downing College | 20 Queens' College |
| 6 Emmanuel College | 21 Robinson College |
| 7 Fitzwilliam College | 22 St Catharine's College |
| 8 Girton College | 23 St Edmund's College |
| 9 Gonville & Caius College | 24 St John's College |
| 10 Homerton College | 25 Selwyn College |
| 11 Hughes Hall | 26 Sidney Sussex College |
| 12 Jesus College | 27 Trinity College |
| 13 King's College | 28 Trinity Hall |
| 14 Lucy Cavendish College | 29 Wolfson College |
| 15 Magdalene College | |

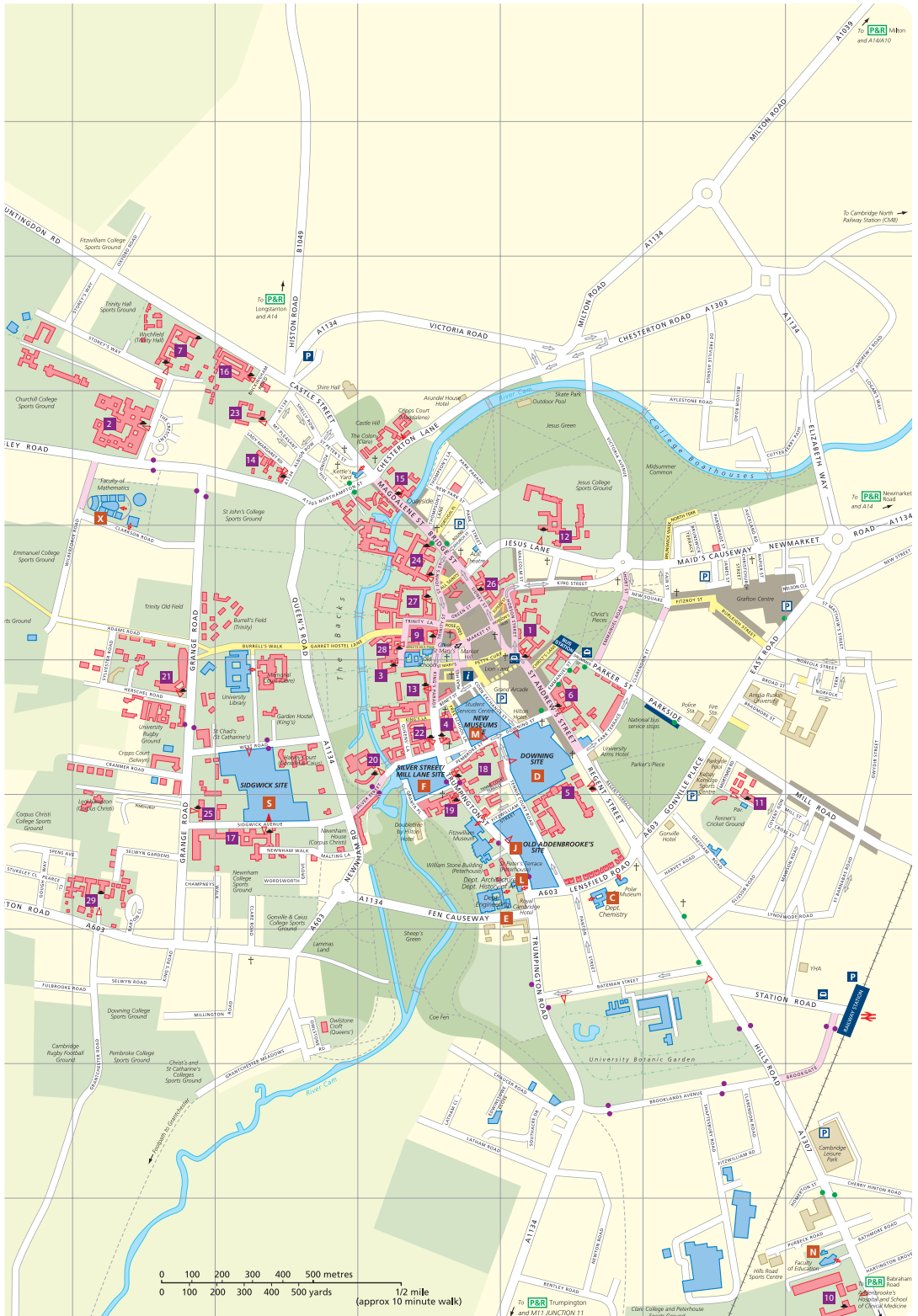
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|--|--|
| College of the University | Site entrance (vehicle access) |
| University building | Site entrance (no vehicle access) |
| Non-University building | Main entrance to building |
| University, College and other private grounds | Porters' Lodge (main College entrance) |
| Public open space | Church |
| Surrounding countryside | Tourist office |
| Built-up area | Taxi rank |
| Main shopping area | Public parking |
| One-way street | Multi-storey car park |
| Limited vehicle access | Park and Ride site |
| Pedestrian street/cycle way (cycling restrictions may apply) | Park and Ride bus stops |
| Public footpath/cycle path (cycling restrictions may apply) | Universal bus stops |
| University/College path | |



Example journeys

- | | | |
|---------------------------|------------|------------------------------|
| D Downing Site | 5 minutes | S Sidgwick Site |
| D Downing Site | 15 minutes | S Sidgwick Site |
| M New Museums Site | 10 minutes | W West Cambridge Site |
| M New Museums Site | 35 minutes | W West Cambridge Site |





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Finding the right course

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About this Prospectus

This Prospectus represents life at the University and Colleges prior to the COVID-19 pandemic, as it is assumed that by 2022 admissions this will have resumed. Please note that the photos used in this publication were taken prior to the COVID-19 pandemic.

However, it is possible that we may need to make changes to the information in this publication due to the effects of the COVID-19 pandemic and/or UK Government restrictions or guidance.

While we have made every effort to ensure that the information contained in this Prospectus is accurate at the time of going to press (except for current COVID-19-related changes), changes are also likely to occur given the lengthy interval between publication and commencement of the course.

It is therefore very important that you check the University and College websites for the most up-to-date information and for any changes before you apply for a course by visiting www.undergraduate.study.cam.ac.uk and again before accepting any offer to study at the University. Where there is a difference between the contents of this Prospectus and these websites, the contents of the websites take precedence and represent the basis on which we intend to deliver our educational services to you.

Any offer of a place to study at the University is subject to terms and conditions which can be found at www.cam.ac.uk/termsandconditions. The terms and conditions set out your key obligations as a student and when we might make changes which include to your course, the fees payable and the student regulations with which all students are required to comply. Again, it is important that you do read these before making an application.

If you are unable to access our website for any reason, please contact us on +44 (0) 1223 333308.

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Cambridge Terminology

You might come across many new and unfamiliar words, terms and expressions when you are researching your university options. Some universities mention things that are particular to their institution, and Cambridge is no exception! Listed here are some of the terms you might come across in the Prospectus or on our website with a quick guide to what they mean.

Collegiate university – a university made up of faculties and departments in different academic subjects and Colleges. Find out who does what on p3.

DoS – Director of Studies. All undergraduates have a DoS who's an expert in their subject and who is responsible for their academic welfare.

Fellow – a senior member of a College, elected to a particular position of authority and responsibility in relation to the academic work and government of the College.

Formal (hall) – a College meal with waiter service, normally three courses and formal clothing (and gown) is worn. The regularity and price varies from College to College. You can find more information on the College websites.

Gyp room – basic College kitchen that students can use. Gyp rooms differ from College to College, with some offering full ovens and hobs while others might have a microwave, kettle and toaster. Find out more on the College websites.

Long Vacation – the three terms of the academic year (Michaelmas: October to early December; Lent: January to early March; and Easter: April to Mid-June) are separated by three vacations, Christmas, Easter and Long Vacation, during which undergraduate teaching is suspended.

May Week – confusingly, this refers to the fortnight at the beginning of June after exams finish. Most end of year celebrations (including May Balls) are held at this time.

Matriculation – this is the formal admission of a student to the University.

Paper – an individual module, unit or topic on an undergraduate course. You will usually take a number of papers each year, some compulsory and some chosen from several options. See your chosen course page for more details (p43-113).

Pools – if your College is impressed by your application but does not have a place for you, they may pool your application for other Colleges to consider. Find out more about our winter and summer pools on p10.

Porters – every College has a team of Porters to maintain the safety and security of students and staff; they'll often be your first point of contact for information or help around College.

Senior Tutor – the College officer with overall responsibility for academic, welfare and disciplinary matters.

Supervision – regular small-group teaching sessions for undergraduates (see p13).




Join our mailing list

Sign up to our mailing list for regular emails with details about applying to and studying at the University.



If you come across anything else that isn't clear or you simply want to find out more about being a student at Cambridge, have a look at our website or call the Cambridge Admissions Office:

 01223 333308

 admissions@cam.ac.uk



Visit our Virtual Tour to find out more:

 www.virtualtour.study.cam.ac.uk



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