Studying Mathematics at City

This Online Chat session is for anyone who is interesting in studying Mathematics at City. The session will be run by current students giving you the opportunity to ask questions about your subject of interest and find out what life is like as a university student. Throughout the session you can type questions for the students to answer and there will be interactive quizzes on student life and your subject.

Welcome to this Mathematics taster session at City, University of London. Unfortunately, we cannot have you on campus at the moment, but we hope our online session will still give you a good idea of what it is like to study Mathematics at City. To give you an idea of what to expect, our session will follow this format: 1) Our academic staff have recorded a short presentation to give you an idea of the topics covered on Mathematics courses and the career options related within the professions. 2) We will follow this with a short quiz, don’t worry this is just a bit of fun and all answers are anonymous! 3) You will be able to ask questions throughout the session, but we will also be dedicating some time at the end of the session so that you can ask questions to our academic staff and student ambassadors. We hope you find the session useful!

Hi everyone! My name is Zhuliyan and I work in the Marketing Department at City - happy to answer any questions you might have.

Hello, everyone! This is Dr Marcos Alvarez, Admissions Tutor and Lecturer in the Department of Mathematics.

I’ll be very happy to answer any questions you may have, about our degrees or about anything maths-related.

Hi, my name is Nabeel. I am an Undergraduate Maths student, and am happy to answer any questions you may have.

Hi :) I'm Mai and I working the Marketing department. Looking forward to answering any questions you may have.

Welcome everyone! We will now begin the videos. We have a quick video about the day in the life of a Maths student and then an introduction to the course from our academics. You can ask questions at any point, but hopefully some will be answered in these videos. Sit back and enjoy!

Hi, I don't do further maths a level, is it a requirement?

No, it's not required.
A Day in the Life of a Mathematics & Finance Student

Hi, I don't do further maths a level, is it a requirement?
You need Maths but not Further Maths.

Hi, I am ... and I am just wondering where does a maths degree take you after university.

Hello, ... Most of our students go into the finance industry, but quite a few go into teaching, or other kinds of industry, like IT. We have former students at Google, IBM, and so on.

Would a maths degree help if I wanted a career as an Actuary or Investment banker? Or is it better to do a more specific degree in one of these areas?

If you take our Maths and Finance degree you may be eligible for exemptions to actuarial examinations.

Mathematics Taster Session

Would a maths degree help if I wanted a career as an Actuary or Investment banker? Or is it better to do a more specific degree in one of these areas?
If you want to be an Actuary then Actuarial Science is the default option. But as I said we are another possible route.
Are there opportunities for studying abroad as part of the degree?

Not at the moment, but we do offer Placements in various businesses after your second year and these may take you abroad for their own courses.

What's the qualifications required for this course?

Hi, The qualifications for this course are ABB. A in maths or further maths, More details can be found on the city website.

What's the qualifications required for this course?

ABB for Maths or Maths with Finance and Economics. AAB for Maths and Finance. But we may be flexible depending on the circumstances.

Is Mathematics A level imperative to study accounting and finance?

You will have to ask the Department of Economics. If you mean to study Mathematics with Finance and Economics then Maths is a must.

Do you get to choose options throughout the degree?

In first year, the modules at the moment are very much fixed. Second and third years, you can choose your modules.

Do you get to choose options throughout the degree?

Yes, there are many options to choose from in 2nd and 3rd year. Like a dozen or so.

Between a further maths AS or a maths related EPQ which would be more helpful?

I'd prefer AS maths.

Between a further maths AS or a maths related EPQ which would be more helpful?

Hi, I have done an EPQ is beneficial, and related to maths would be even more helpful.

Hi, What thing could I do to find out if I like Maths?
Maybe you can think about how much you liked in school? People are usually good at what they like. But only you can know the answer!

I do further maths A level - is it true that the first year of a maths degree is very similar to further maths

It’s more demanding. There is more emphasis on proofs and working things out by yourselves.

I do further maths A level - is it true that the first year of a maths degree is very similar to further maths

Nearly half of the content at the moment is Further maths yes. There will be some modules however depending on your course that will not be included in Further Maths

Is it possible to do a joint honours with maths and mechanical engineering

I’m afraid we don’t have that option at the moment.

Here is a link to the talk if you would like to go back and watch - [https://youtu.be/e4zRIxLXkO8](https://youtu.be/e4zRIxLXkO8)

Mathematics Taster Session

Loading...

We hope you enjoyed the presentation and it gave you a good insight into studying Mathematics at City! We will now begin a short subject quiz. Note that you won’t be able to change your answer once submitted, but your responses will be anonymous. If you are on mobile, please swipe left when the question mark appears to view the question. If you are using Internet Explorer, you may need to click on the question mark to view the question.

Did u struggle choosing between other mathematical courses

In what sense? I’m not sure I understand your question, sorry!

Did u struggle choosing between other mathematical courses

For me personally, I knew that I wanted to do just maths. So for me, it wasn’t a hard choice.
This quiz is intended only to make you think about a variety of questions, in a relaxed and entertaining way, and you are not really expected to figure out the answers. Trying things out, putting ideas forward and testing them is the right way to learn (and do) mathematics, even if nothing works out in the end! This is how mathematicians go about their research every day.

I do 2 levels & 1 btec would that work the same

Is one of the A levels Maths?

Q1. How many times a day do the hands of a clock lie exactly one on top of the other? Hint: Note that starting at 00:00h, it takes a bit longer that one hour for the hands to coincide again. Maybe this is enough to rule out the wrong answers?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a)24</td>
<td>21.05%</td>
</tr>
<tr>
<td>b)22</td>
<td>15.79%</td>
</tr>
<tr>
<td>c)12</td>
<td>42.11%</td>
</tr>
<tr>
<td>d)6</td>
<td>15.79%</td>
</tr>
<tr>
<td>e)Depends on the design of the clock</td>
<td>5.263%</td>
</tr>
</tbody>
</table>

Is there a larger focus on applied or pure mathematics

 Mostly applied, but there are a few fundamental modules in 1st year that are pure maths.

Is there a larger focus on applied or pure mathematics

In the first year, its a combination of both. You will be learning core principles like in A-Level, but also applying it in modules like Modelling, Number theory etc

Answer: 22 times. Starting at midnight, in T hours the hour hand travels an angle of 30T (in degrees) and the minute hand travels an angle of 360T. The hands lie one over the other when these angles are equal up to any number of full turns, each full turn being 360 degrees. For N full turns, this would be 360T = 30T + 360N, or T=12N/11. N can run from 0 to 21 (N=0 is the beginning of the day, but N=22 would be the start of the next day.) That gives 22 values for T, so the answer is 22 times in a day. You can even work out the times at which this happens.

Comment: This is an easy application of Modular Arithmetic, which you can learn in our first-year Algebra course.
Q2: What is $0.77777\ldots$ [recurring] + $0.88888\ldots$ [recurring]? (Calculators not allowed!) Hint: You could try to rearrange the sum to make one of the terms equal to one. Or write the number as fractions.

- a) $1.151515\ldots$ 7.692%
- b) $1.555555\ldots$ 19.23%
- c) $1.666666\ldots$ 61.54%
- d) $1.787878\ldots$ 3.846%
- e) You can’t add infinitely recurring decimals. 7.692%

What extra curricular activities linked to maths would look useful on personal statements?

- Anything to do with showing initiative and being a serious and hard working person. Hobbies and so on are not very relevant.

- thanks

Thank you, and are EPQs which concentrate fully on maths rather than just touching on the subject more preferable?

- An EPQ having a basis of maths is helpful.

As a first year student are you guaranteed accommodation?

- Yes. All first year students are guaranteed accommodation

As a first year student are you guaranteed accommodation?

City operates a Guarantee Scheme for first year undergraduates. This Scheme could guarantee you a place in one of City’s affiliated Halls if you meet the Scheme’s criteria. More information about the Guarantee Scheme can be found at https://www.city.ac.uk/accommodation/undergraduate/guarantee-scheme

Undergraduate accommodation guarantee scheme

All first City University London year undergraduate students are guaranteed a place in halls of residence.

What can I do with a Maths degree
You can go into the finance industry, or IT, teaching, research, etc. We have former students all over the City of London working on all kinds of demanding and well paid jobs.

Answer: 1.666666.... The quickest way to see this is by writing
0.777777...=0.888888...=0.666666...=0.111111...=0.888888=0.666666...+0.999999...=1.666666...
because 0.999999...=1. Alternatively, you can write the numbers as fractions, with the same result.

Thank you!

Comment: Many people struggle with the idea that 0.999999...=1. This fact may be expressed as a “convergent series”, such the ones studied in our second-year module Sequences and Series.

Q3: A hiker leaves camp at the bottom of a hill, climbs to the top, and then comes back to camp following the same route. On the way up his average speed is 2 miles per hour, and on the way down it is 4 miles per hour. What was his average speed for the entire journey? Hint: Did the hiker take as much time to come down as to go up?

- a) 3 mph: 17.39%  
- b) 6 mph: 4.348%  
- c) 8/3 mph: 56.52%  
- d) It depends on the length of the route: 13.04%  
- e) It depends on the length of the route and the height of the hill: 8.696%

Do you offer any introductory courses/summer courses for maths?

Not at the moment, but you could try a foundation course.

Hi I’m how much time do you spend working on proofs in a maths degree?

We work on a module related to proof and number theory between September and Christmas. This may change however.

Hi I’m how much time do you spend working on proofs in a maths degree?

It’s not the main thing but I’d say it may be about 15 or 20% of the material. Proofs are important to know that what you say is true!

Do different university courses vary a lot with maths?
First year is more or less the same everywhere. Then 2nd and 3rd years can be a bit more different.

Do different university courses vary a lot with maths?
First year is more or less the same everywhere. Then 2nd and 3rd years can be a bit more different.

Will City University offer any online virtual courses for Year 12s this summer?
Hello, Currently, we do not know the situation for the next academic year. We have however received online lectures so far from February.

For the London Russell Group Universities (excluding Oxbridge) do I need to sit the MAT or the STEP?
I'm sorry to say that I don't know. You may have to as one of them though.

Answer: 8/3 mph (or 2.666666...mph). His speed on the way up was half of what it was on his way down, so if he took time T to climb down, he took time 2T to climb up. If the length of the route is L then his average speed is \(2L/(3T) = (2/3)L/T = (2/3)(4 \text{ mph}) = 8/3 \text{ mph.}\)

Q4: Bob owns a piece of land that is perfectly level and has four boundary lines, two running exactly North-South, and the other two running exactly East-West. Each boundary line is exactly 10km long. Where is Bob's land? Hint: Remember that the Earth is spherical. Where on a sphere can you fit a shape such as Bob's piece of land?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) England</td>
<td>4.762%</td>
</tr>
<tr>
<td>b) Australia</td>
<td>23.81%</td>
</tr>
<tr>
<td>c) USA</td>
<td>23.81%</td>
</tr>
<tr>
<td>d) Kenya</td>
<td>38.10%</td>
</tr>
<tr>
<td>e) South Africa</td>
<td>9.524%</td>
</tr>
</tbody>
</table>

What makes a City University maths degree different from other universities
We focus more on application in the place. There is a computing module that we do that teaches excel and the VBA coding within that. This is desirable for firms.

What modules do you study in maths
First year is mostly calculus, algebra, number theory, geometry and a few more. I can send you the link: https://www.city.ac.uk/study/courses/undergraduate/mathematics

**BSc (Hons) Mathematics**

The Mathematics BSc (Hons) at City introduces you to advanced mathematical topics, focusing on real-word applications to prepare you for an exciting career.

---

Thank you!

---

Can u give a summary of the course content please

---

This would vary for the maths course. Can you please tell me what course you are planning to do?

---

Hi, is it possible to just take pure mathematics? And what other subjects can you do joint degrees with mathematics?

---

Yes, our Mathematics degree is almost totally "pure". We also have Maths with Finance, and Maths with Finance and Economics.

---

What other topics do you cover

---

Hi You can see the modules covered in the 1st,2nd,3rd year of your degree. Check on the course page, scroll down to 'Course content and assessment':
https://www.city.ac.uk/study/courses/undergraduate/mathematics

**BSc (Hons) Mathematics**

The Mathematics BSc (Hons) at City introduces you to advanced mathematical topics, focusing on real-word applications to prepare you for an exciting career.

---

Thank you
do you like the fact that the course at city is maths with finance? and with this degree does it focus a lot on finance or is it equal with maths ect

That's one of our 3 degrees and its about 50/50 maths and finance. It's similar to an Actuarial Science degree.

how are grades decided in the degree?

So, each module normally comprises of coursework and Exam. The marks that you earn in each give you points. Roughly, you have to get 70% above for a first class degree. This is what is at the moment. This may change.

is there a lot of coursework? what are typical assignments like?

coursework makes up around 20% of the assessment.

Answer: Kenya. Because the Earth is spherical, lines that run exactly North-South (the meridians) get closer together and finally meet at the Poles. If Bob's land were entirely on the Northern hemisphere, the border at the North would have to be shorter than the border at the South, and the other way around if it were on the Southern hemisphere. Therefore, Bob's land must be exactly cut in half by the Equator, and the only country on the list where that can happen is Kenya.

Comment: This is a very simple example of a branch of Mathematics called Non-Euclidean Geometry, more specifically Spherical Geometry. This is also a subject you may be able to choose for your final-year dissertation.

Q5: How many prime numbers of the form N^2-1 are there, in which N is an integer? Hint: Remember that a prime number can't be written as a product of smaller positive integers. Is there a way to write N^2-1 as such a product?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)None</td>
<td>9.091%</td>
</tr>
<tr>
<td>b)Exactly one</td>
<td>36.36%</td>
</tr>
<tr>
<td>c)More than one, but still a finite number</td>
<td>9.091%</td>
</tr>
<tr>
<td>d)There is an infinite number of primes of that form</td>
<td>22.73%</td>
</tr>
<tr>
<td>e)It's impossible to know for sure</td>
<td>22.73%</td>
</tr>
</tbody>
</table>

Hi, what areas that you recommend definitely looking into before starting a maths degree outside of your schoolwork?

I'd say that Calculus and Algebra will be always the core of anything you will do in any maths degree, one way or another.
is there a lot of coursework? what are typical assignments like?

You may receive 2 - 4 coursework assignments for each module. This is on average

Maths is a hard subject to self teach, what facilities do you offer if a student doesn’t get it? what is the student expected to do so they understand it

Each student of ours has a personal tutor that they must meet every week precisely to help out with any problems of the kind you describe.

what do I do if I don’t understand what is taught in the lectures?

Lecturers have office hours which you can come into their office and ask for help.

what parts of the course is coursework

Nearly every module in city comprises of a coursework element.

what is the difference between a purely maths based course and one thats in conjunction with another subject such as finance

The joined courses are about applying maths to economics or finance, and the just-Maths degree is more pure maths.

Answer: Exactly one, namely N=2 gives 3, which is prime. In general, \( N^2-1 = (N-1)(N+1) \), which being a product of two integers is never prime unless one of the factors is equal to 1, which is the already known case \( N=2 \). Therefore, there are no more primes of that form.

Comment: The study of prime numbers and their properties is one of the oldest and most fascinating areas of Mathematics, known as Number Theory. Apart from its theoretical interest, it has many applications in coding and cryptography. This is well covered in our first-year module Number Theory and Cryptography.

Thanks for participating in the subject quiz! How many did you get? It's now time for the Student Life Quiz!

What different mathematics courses do you offer?

There is Maths (mostly pure) and then Maths with Finance, and then Maths with Finance and Economics.
1) What is a society?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A top-secret alliance</td>
<td>4.348%</td>
</tr>
<tr>
<td>A sport team</td>
<td>4.348%</td>
</tr>
<tr>
<td>A club that students can join</td>
<td>91.30%</td>
</tr>
</tbody>
</table>

Would I be at a disadvantage if I didn't study further maths?

No. It just makes the learning a bit more challenging compared to someone who has done Further Maths.

What is your favourite maths topic?

At the moment. Number Theory and Cryptography.

A club that students can join. Societies are generally ran by students for students around a particular hobby or interest but can be formed for a lot of things really! Societies are an ideal way to meet people, get more out of university, learn new skills and more importantly have a good time.

What does the coursework entail?

Mostly class tests or online tests. Sometimes take-home kind of exercises as in school (only at a higher level.)

When can you use the careers service?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final year when I'm looking for a job</td>
<td>4.545%</td>
</tr>
<tr>
<td>Whenever I want</td>
<td>95.45%</td>
</tr>
</tbody>
</table>

Would it be fair to say that a mathematics degree is more likely to lead you to a job in research or teaching rather than a job in finance? Certainly compared to the maths with finance degree? Thanks

It’s mostly the other way around. Most of our students end up working in the City as analysts or experts in mathematical finance and so on.

Whenever I want. You can go to the careers service at any time during your studies with help for looking for part time work, CV’s, and mock interviews and much more.

3) What does SU stand for?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students’ Union</td>
<td>100.0%</td>
</tr>
</tbody>
</table>
As a student, how are you finding the course and what do you enjoy about the course?

I'm enjoying the course very much so. It has made me realise that what we learn is just the surface to the reasoning behind maths concepts etc.

is maths only taught through lectures

There is "lecture capture" that is recorded lectures you can use for revision, or if you miss a lecture. There are also frequent tutorials to help you out with coursework and to prepare for exams.

What does the coursework involve?

for what course is this for?

Students' Union: A Students' Union is, as the name suggests, an organisation made of a united body of students who stand together to improve student life for all its members.

Who is a Fresher?

| A first year who likes to party | 7.143% |
| A student in their first year of matriculation | 92.86% |

Can you recommend a good maths book?

What does the coursework involve?

It may be class tests, or online quizzes, or maybe old-style coursework you take home. It depends on the course but it's usually class or online tests

A student who is in the first year of matriculation of their course

What is Varsity?

| A sport competition between two universities | 76.92% |
| A type of class | 23.08% |

Can you recommend a good maths book?

The Edexcel furthur maths book is a good starting point book
what are you looking for in a maths candidate

The ability to work things out by yourself as opposed to look it all up somewhere. Independent thinking, analytical skills and hard work are essential.

what do you think that hardest thing about doing maths as a degree is

Finding the time to practice new techniques that you learn. To master the techniques, it requires time.

A Varsity is a series of sporting fixtures between two local or rival universities

How many hours of coursework does the pure maths course entail?

The coursework for this is mainly in lecture tests, with tutorial quizzes.

what do i need to do in order to do well in a maths degree

Good attendance helps, but what helps most is working out exercises as recommended in class, not looking things up at the first sign of trouble, and generally being a serious and hard working person. Analytical skills too.

is there any mandatory groupwork

Currently, for the first year, there is a programming group coursework

is there any mandatory groupwork

Yes, in third year. A group of 4 or 5, which write a report on a given topic and give individual presentations after the exams.

pure maths

Mainly Class tests

please could you summarise the key contents for what would be taught on maths with finance and maths(mostly pure)
Hello. I suggest you take a look at [https://www.city.ac.uk/study/courses/undergraduate/mathematics](https://www.city.ac.uk/study/courses/undergraduate/mathematics)

**BSc (Hons) Mathematics**

The Mathematics BSc (Hons) at City introduces you to advanced mathematical topics, focusing on real-world applications to prepare you for an exciting career.

---

**how big are lectures and tutorials?**

**Tutorials are normally in groups of 10 people**

---

**please could you summarise the key contents for what would be taught on maths with finance and maths(mostly pure)?**

It has links to the other degrees at the bottom of the page.

---

**do you offer any scholarships and bursaries?**

Yes, we offer a wide range of scholarships and bursaries to help support your studies at City. Please visit the website for more details and how to apply [https://www.city.ac.uk/study/fees-and-funding/scholarships-and-bursaries](https://www.city.ac.uk/study/fees-and-funding/scholarships-and-bursaries)

**Scholarships and bursaries**

Funding support available for students studying at City, University of London.

---

**how big are lectures and tutorials?**

Lectures halls vary. On average, 60-100 people

---

**what is the gender balance typically in the maths related subjects**

50 - 50
What is the normal ratio of international and local students and teachers?

I'm not too sure but I'd say maybe 40/60 international to local.

How useful have you found this session? (out of 5, 5 being the best)

<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>9.09%</td>
</tr>
<tr>
<td>4</td>
<td>22.73%</td>
</tr>
<tr>
<td>3</td>
<td>45.45%</td>
</tr>
<tr>
<td>2</td>
<td>18.18%</td>
</tr>
<tr>
<td>1</td>
<td>4.545%</td>
</tr>
</tbody>
</table>

Please could you summarise all the courses.

I suggest you have a look at [https://www.city.ac.uk/study/courses/undergraduate/mathematics](https://www.city.ac.uk/study/courses/undergraduate/mathematics)

**BSc (Hons) Mathematics**

The Mathematics BSc (Hons) at City introduces you to advanced mathematical topics, focusing on real-world applications to prepare you for an exciting career.

Will you study topics such as calculus at a higher level or different topics?

Yes, we do. We do multi-variable calculus in the first year.

Do you guys have a joint maths & physics course?

I'm afraid not. The undergraduate courses we offer are: BSc (Hons) Mathematics, BSc (Hons) Mathematics with Finance & Economics, BSc (Hons) Mathematics & Finance.

Please could you summarise all the courses. It has links to the other degrees at the bottom.

What topics in particular do you study?
You may want to check [https://www.city.ac.uk/study/courses/undergraduate/mathematics](https://www.city.ac.uk/study/courses/undergraduate/mathematics)

**BSc (Hons) Mathematics**

The Mathematics BSc (Hons) at City introduces you to advanced mathematical topics, focusing on real-world applications to prepare you for an exciting career.

---

**What topics in particular do you study?**

| It has links to the other degrees at the bottom. I hope this helps. |

---

**What skills outside maths a level would be useful for this course?**

| To have a strong positive mentality. There will be times where you would want to give up, but it's key to find the urge to keep going |

---

**I'm really unsure whether to take maths or maths with finance?**

| I will advise you to look at the course content and decide which module combination appeals to you the most. |

---

**What is a typical week like for a maths degree student eg. how many hours of lectures etc.?**

| It depends, but maybe 4 hours a day, lectures and tutorials combined. It varies quite a bit though. |

---

**If you are unsure what career you are interested in is it better to do maths on its own or with another topic such as finance?**

| This is what I've done. I'm unsure what sector I want to go in |

---

**Are a lot of assignments based online?**

| Not so many right now but we are moving many things online, including tests. It will be more online in the near future. |
what careers are mostly taken after maths or maths with finance

Mainly the finance sector students go to. But you can go in into IT, teaching, research etc. Its quite broad.

what careers are mostly taken after maths or maths with finance

We have lots of students working in financial analysts, or in IT or other industries based in the City. We have quite a few at IBM, Google and so on. Some go into teaching or other businesess.

what careers are you thinking of going into? Was this career always an ambition or did you just choose the maths degree because it was something you enjoyed and decided once the course began?

I've chosen maths as its something that I'm good at, and enjoy. I can see myself spending time outside of class learning about maths. I have a passion for it.

is it possible to swap out of one maths degree to another eg. mathematics & finance to mathematics on it's own?

Yes, you have a few weeks to change your mind and it's ok to swap.

Do you have lectures every day??

It can vary. For me personally, I have one day off. But this day, I use to catch up on work.

Do you have lectures every day??

In the first year mostly yes, but then you may have one day off a week in 2nd or 3rd years. It depends on the degree.

how much of your work is independant work

Most of the work, you do it yourself. The help from your fellow classmates is invaluable.

how much of your work is independant work

All coursework is personal, and generally your revision for tests and exams should be as independent as possible. I'd say it's maybe 30-40% of your time, the rest being lectures.

What topics do you find the most difficult?
For me personally, the calculus material is quite dense and requires time to master.

What would the difference be between Maths and finance degree compared to the Accounting and Finance degree? Thanks.

In Maths and finance you have to learn some pure maths subjects and generally it’s more rigorous and not so one-sided as just finance.

What type of work experience do you think would be good to do if I want to do maths at university?

Would this be during uni, or before?

before

I’m not that suitable to be asked this question. But its mainly academic achievements what would help to get into uni.

I'm certain I want a career with maths, but will just a maths or maths with finance have a broader career path for me?

Those who study pure Maths are always well placed to take other jobs. Most businesses will give you in-house training if you need to learn anything specific. Maths is very versatile!

Is there the opportunity to undertake placements within the degree?

Definitely. We have one-year placements between 2nd and 3rd year. Very valued by employers!

Is there the opportunity to undertake placements within the degree?

One-year

Is there the opportunity to undertake placements within the degree?

Yes. We offer one-year work placement before the final year. During the university degree, many take part-time jobs that can be found in the careers department.

Is there the opportunity to undertake placements within the degree?

There are also smaller placements. They are all paid by the employer and you get your own salary.
How often do you have exams?

We have Christmas and Summer exams. Roughly, May, June

How often do you have exams?

Twice. One exam period in January and another around May

Are we at a disadvantage if we don't do a further maths a level

No. I haven't done further maths and have done well this year.

Are we at a disadvantage if we don't do a further maths a level

Not at all. Further maths is good but NOT necessary.

Where would the placements be and with who. Do you have to arrange them yourself?

The careers department help you with their contacts and how to apply. The service is very good.

8 minutes left for this Taster session. Please ask your questions now.

Where would the placements be and with who. Do you have to arrange them yourself?

We have a whole Unit in our department that will find placements for you if you apply. Places like IBM, Google, Deloitte, Goldman Sachs, and so on. All big names.

Is maths on its own or with another subject more helpful if you are unsure what career you want

I would say Maths is the more flexible of all our degrees, but you can always switch if you change your mind.

Who would you recommend this course for

Mainly, for people that have some level of interest in Maths, and are willing to study in their free time.

Is maths on its own or with another subject more helpful if you are unsure what career you want

You have a few weeks in first year to decide. Later may be possible but it depends.
Is there any material that you could reference to read up to give you an advantage when you begin the university maths course?

Edexcel A-Level Further Maths is a good read.

I have looked at the links before and again, but I'm still unsure.

I think Maths is the more flexible degree but you could always change to the others after a few weeks.

does maths have a broader career pathway?

Many companies like to see a maths degree as it shows you have analytical, calculation skills.

does maths have a broader career pathway?

It's less focused on applied things like finance or economics, and in that sense is broader. We have ex-Maths students working in the finance industry, and they fit just fine.

Have you struggled with the course at points?

There have been some points, but those lasted a few days. It happens when studying.

is a maths degree more impressive than with finance?

This depends on the career path you would like to pursue.

As someone that doesn't know what they want to go into, would you say it's wise to take a maths degree rather than engineering or actuarial science?

Only you can decide, but I can say that Maths is a very broad and flexible subject that open many doors. Even at financial institutions.

Are there any more questions anyone would like to ask?

is a maths degree more impressive than with finance?

I guess "impressive" is a relative term. Maths is certainly more "scientific".
In my experience Maths graduates fit into more jobs. In that sense it seems to be a safer choice.

Thank you for attending, before we leave you, do our students have any recommendation of how to engage with the subject further?

This has been a really interesting and helpful session - thank you.

which would you say between a maths or science degree opens more opportunities career wise

Maths has one of the most broad career paths. At the end of the day, I think that one should choose a degree where they will feel enjoyment, and not feel as though they are being forced to learn.

This has been a really interesting and helpful session - thank you.

Thank you! I couldn’t type fast enough!

Thank you for joining us for today’s session, we hope you found it useful! If you have any further questions please contact us via our website - https://www.city.ac.uk/about/contact or chat to our students and staff via our Unibuddy platform - https://www.city.ac.uk/study/ask-a-student

Contact City, University of London
General contact form for City, University of London.

Ask our students and staff
Speak with one of our current students and find out more about what it is like to study at City.

Thank you all for giving up your time; this session has been very useful

Your Welcome :}
thank you!

Thanks for attending!

thank you for the great answers and all the help you gave us! it was really helpful

It really has been our pleasure!