



Computing

A guide to university for students



Should <u>I go to</u> uni?

Why study Computing?

- For great transferable skills such as problem solving, logical thinking and creativity
- 2 To work with cutting edge technology
- **3** To understand our digital world better
- 4 To work in a fast developing industry with millions of job opportunities

What could I do with Computing?

Other than a programmer, you could be:

Software Engineer who designs and builds the next generation of software including apps for your phone, working for companies from Microsoft to Google.

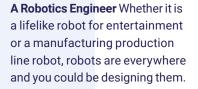
Possible degree:

Computer Science MCompSci at the University of Oxford.

An IT Manager who is responsible for the sourcing and maintenance of organisation-wide computing and technology systems.

Possible degree: Management with Information Technology BSc at the University of Reading. A Web Designer who creates websites that are truly intuitive and easy to use takes imagination and problem solving skills. Use your understanding of computing to make our online world work better for all of us.

Possible degree: Computing and Web Development BSc at Bucks New University.



Possible degree: Robotic Engineering BEng at Oxford Brookes University.

For more information about these and many more jobs, visit **prospects.ac.uk**.

THE

<u>RIGHT</u> FIT

What about <u>alternative</u> routes?

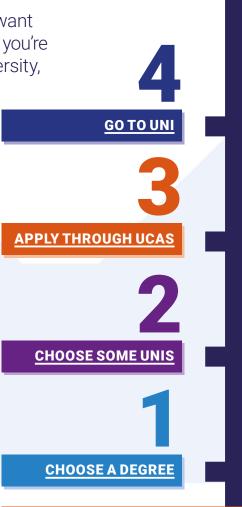
It's hard to decide what you want to do when you are older. So if you're not sure about going to university, these websites could help:

- **notgoingtouni.co.uk** will help you find out about alternatives to university.
- **careerpilot.org.uk** will help look at all your options at the ages of 16, 18 and even afterwards.
- findapprenticeship.service.gov.uk to find a full list of apprenticeships in the UK.
- Gear up The Study Higher alternative routes advisory.

For more information please register on the Study Higher website.

You could also:

- Go to a University open day opendays.com
- Sign up for a taster day or masterclass unitasterdays.com
- Get some work experience to find out what you enjoy.
- Carry on with your hobbies and interests.
- Check out jobs on prospects.ac.uk



I THINK <u>I WILL GO TO UNI,</u> WHAT TO DO NOW?

Choosing <u>a course</u>

There is a lot of information out there so while you are choosing a subject keep these things in mind:

Entry requirements

These will vary from course to course.

Course content

Always check the modules on the course to make sure you get to study topics that interest you.

Teaching method

What suits you the most: independent study, lectures, seminars?

Assessment types

Do you do best in coursework, practical work or exams? Also does the course provide certifications you need?

Entry Requirements

Universities publish their typical entry requirements. Some universities will also have contextual offer which are lower requirements depending on the student's background, skills or a variety of other reasons.

Work experience opportunities and careers help

Does the uni you are considering have connections with employers, help with getting a job or a placement, study abroad opportunities, sandwich year, interview process training, etc?

Choosing <u>a university</u>

To make choosing from hundreds of UK universities easier, **consider the following things:**

Size

Some unis only have 1000 students while some might have over 30,000!

Location

How far do you want to be from home? In a big city or smaller town? Up north or down south?

Campus or city university?

Campus universities have all their buildings on one big campus. City universities are spread around a bustling city.

DEGREE	EXAMPLE OF UNI	ENTRY REQUIREMENTS	CAREER PROSPECTS ¹ AFTER 6 MONTHS			
			% EMPLOYED	AVERAGE EARNING		
Computer Science MCompSci	University of Oxford	A*AA with the A* in Maths, Further Maths or Computing	95	£36,000		
Management with Information Technology BSc	University of Reading	ABB, GCSE: Grade 5 (B) in English and Maths	90	£25,000		
Computing and Web Development BSc	Bucks New University	CDD-BB (minimum 2 A-levels)	85	£21,000		
Robotic Engineering BEng	Oxford Brookes University	BBB incl Maths and Physics, Chemistry, Electronics or Engineering	88	£29,000		
These are some of the degrees for the jobs mentioned earlier.						

1 | discoverUni.gov.uk

Cost of living and accommodation

The north is usually cheaper than the south. Cities are more expensive than rural areas. Quality and price of accommodation will vary too.

Bursaries, grants and support for you

Financial awards are different at each university. Check which university will support you most suitably.

Sports clubs and societies you might want to join

Do you want to carry on a sport or maybe try a new hobby? Check if the uni you are looking at has the clubs you are interested in.

Reputation

What is the university known for? Academics, sport, atmosphere, and so on. The Higher Education system in the UK is set up so that anyone who wants to go to university, can! So don't let the finances deter you.

Finance

When you apply for student finance you claim two different loans¹;

A tuition loan of up to £9,250/annum¹ for the cost of your studies – paid in full to the university. None of the tuition fee has to be paid up front by you.

A maintenance loan up to £12,010/ annum¹ for living costs – paid in termly instalments to you. This loan is income and circumstance assessed.

Note: These numbers change year on year so please check **slc.co.uk** or **gov.uk** for up to date information.

Repayments¹

As of April 2020², repayments for student loans:

- Start the April after you graduate and only once you earn over £26,575.
- Stop if your income drops below £26,575, which means if you are not earning enough your parents don't have to cover you.
- Are taken straight out of your pay check so you never have to go to the bank to pay it.
- Are 9% of your earnings over £26,575 (see table).
- Do not affect your credit rating or your ability to get a mortgage.
- All outstanding debt is written off after 30 years.

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SALARY PER YEAR	£ OVER £26,575	9% (IN £)	MONTHLY REPAYMENT IN £	
£21,000	0	0	0	
£25,000	0	0	0 ABO	CAME 1
£30,000	3,425	308	25	HOME
£40,000	13,425	1,208	100	
	PER YEAR £21,000 £25,000 £30,000	PER YEAR £26,575 £21,000 0 £25,000 0 £30,000 3,425	PER YEAR £26,575 (IN £) £21,000 0 0 £25,000 0 0 £30,000 3,425 308	PER YEAR £26,575 (IN £) REPAYMENT IN £ £21,000 0 0 0 £25,000 0 0 0 £30,000 3,425 308 25

University can be expensive, but over a lifetime with a degree you are likely to earn many times more than you will repay. If you have an ambition, a dream, or an interest in a subject, it is worth it to invest in your own future!

For more information go to thestudentroom.co.uk or slc.co.uk

1 | studentloanrepayment.co.uk 2 | gov.uk/government/news 3 | graduate-jobs.com

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RIGHT FIT

Jargon Buster

Higher Education (HE) The level of education that leads to a degree.

Gap year A year away from education to gain work experience, save up funds or go travelling.

Undergraduate Students studying for their first degree.

Graduate Someone who has completed an undergraduate course.

Higher National Diploma (HND) A two year work-related qualification; considered to be an equivalent of two years of HE study.

Foundation degree A one year course taken in preparation for an undergraduate degree.

Bachelor's degree Usually a three year degree course. Bachelors of Arts (BA) are for arts and humanities courses while Bachelors of Science (BSc) are for science courses.

Master's degree A more advanced degree, either taken after a Bachelor's degree or as an integrated Master's.

Joint honours degree A degree comprised of two different subjects.

Postgraduate degree Courses taken after your first degree such as a master's degree.

Sandwich year A work-placement year taken during a degree.

Admission Team The people who receive and consider your application.

Halls of Residence Student accommodation at the University.

Campus University grounds.

UCAS The Universities and Colleges Admissions Service through which you apply to university.

Open Days Days during which you can visit universities free of charge and be shown round.

Prospectus A printed booklet advertising a school or university to potential students.

Student Loans Company (SLC) A non-profit, Government-owned organisation who provide loans and grants to students in universities and colleges in the UK.

Student Loan A loan students can take up from SLC to cover living costs and tuition fees.

USEFUL WEBSITES

ucas.com All things university related and the portal through which you apply to university.
prospects.ac.uk Careers website with details on a huge variety of career options.
opendays.com A list of all the university open days in the UK.
unitasterdays.com A list of taster days available at UK universities.
discoveruni.gov.uk Compares entry requirements, course details and prospects of UK degrees.
thecompleteuniversityguide.co.uk and timeshighereducation.com
University and subject league tables, helpful advice and guides on many university related topics.
thestudentroom.co.uk University guides, articles and question forums.
careerpilot.org.uk A summary of options at ages 13/14, at 16+ and 18+.
slc.co.uk Student Loans Company website for financial questions.
notgoingtouni.co.uk A list of opportunities if you do not want to pursue university.

Study Higher partner universities' websites

reading.ac.uk University of Reading brookes.ac.uk ox.ac.u Oxford Brookes University University

ox.ac.uk University of Oxford **bucks.ac.uk** Bucks New University