Liverpool Life Sciences UTC

prospectus

Preparing young people for the jobs of tomorrow

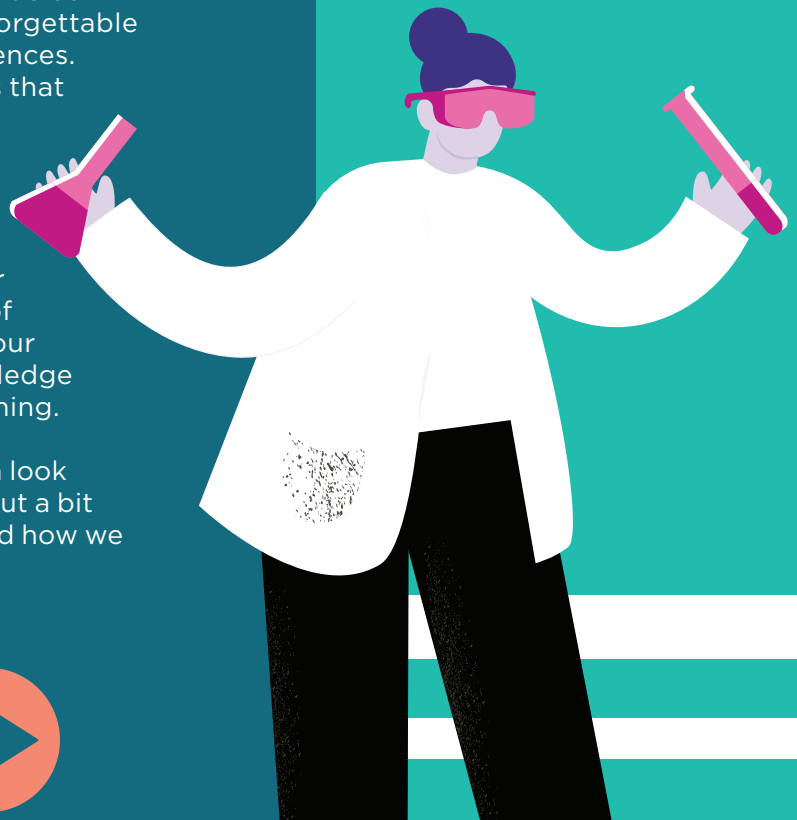
Welcome

We're dedicated to creating opportunities for students across the fields of science, engineering and healthcare. To give you experiences you wouldn't find elsewhere, and making you stand out as students, in whatever path you decide to pursue. We promise all of our students a job, apprenticeship or degree course when you leave. And, so far, we have delivered that successfully with our students going on to incredible opportunities.

'Every day is an interview' is our motto, and this applies to all aspects of our school life. Our students are treated as adults and are encouraged to demonstrate maturity, passion and commitment at every level in their journey. You can study a broad range of BTEC and A level subjects; and you can choose pathways that lead you directly into careers in science, medicine, nursing, engineering and veterinary science.

All of that takes place in an energetic school environment, with cutting-edge facilities. We also work closely with leading businesses, hospitals and organisations in the health, science and engineering sectors, who provide our students with unforgettable real-world experiences. They're the things that universities and employers tell us really make our students stand out. They help equip you for the future world of work, and build your confidence, knowledge and thirst for learning.

Come on in, take a look around, and find out a bit more about us, and how we can help you.



We're committed to providing the highest standards of teaching and learning, combined with real industry experience, which opens doors for our students. We're proud to work with world-leaders in science and healthcare, giving students the ability to build a strong portfolio of experience, so you can hit the ground running once you graduate from our UTC.

Why we do it: Our promise

We promise to secure the future for all of our students. Whether you want to go to university, find a job, or take up an apprenticeship – we can guarantee your next steps. Our pupils are highly motivated to achieve the best results through our personalised pathways and real-world teaching approach, and on successful completion of their courses, all of our students have secured one of the following:

A university place

When applying to university, our students have a competitive edge. We work closely with admissions teams to give our students the best possible advice about course choices and requirements. Students go on to competitive university courses in a range of subjects including: medicine, nursing and the health professions, the sciences, social sciences, engineering and more.

Apprenticeship or degree apprenticeship

Our students secure degree level apprenticeships with top UK employers including Dyson, Unilever and Barclays. We work closely with local and national employers to promote a range of degree level and higher level apprenticeships and help students to prepare successful applications.

A job

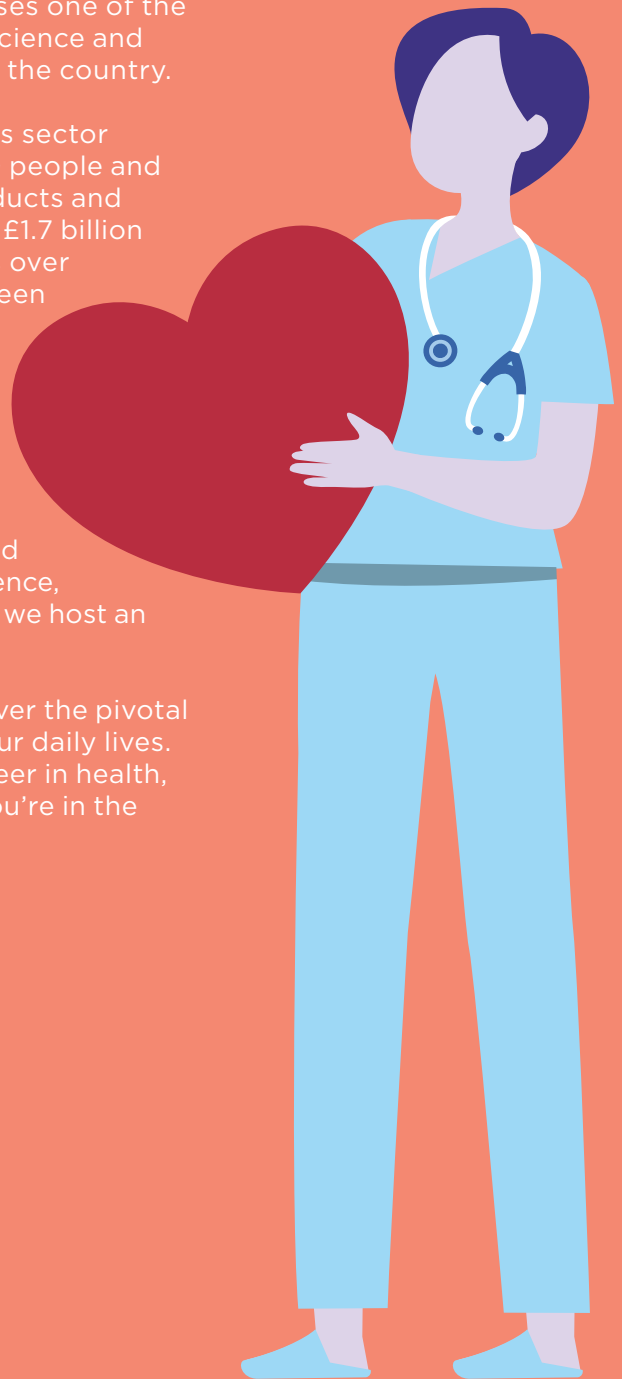
There's plenty of opportunity for our students to take up an entry-level job once graduating from us. We work directly with HR departments to ensure a smooth pathway into the workforce, in roles including laboratory technicians, manufacturing technicians and healthcare assistants.

Our specialisms

Liverpool City Region houses one of the largest concentrations of science and healthcare professionals in the country.

The health and life sciences sector locally employs over 6,000 people and is estimated to deliver products and services worth in excess of £1.7 billion per annum and contributes over £300 million in GVA. Between the collected resources of the University of Liverpool, Royal Liverpool University and Broadgreen Hospital Trust, the School of Tropical Medicine, blue chip giant Unilever and Sci-Tech Daresbury – recognised globally for world-class science, innovation and enterprise – we host an embarrassment of riches.

We know now more than ever the pivotal role these sectors play in our daily lives. If you're interested in a career in health, sciences, or engineering you're in the right place.



UTC facilities

In the heart of Liverpool's bustling creative and digital district, we're housed in a Grade II listed former warehouse. The lofty spaces of the warehouse give us unparalleled flexibility and scale. We're fully wheelchair accessible throughout the building, with disabled toilets on every floor and home to:

- state-of-the-art innovation and science labs
- a dedicated health suite, with real hospital beds and a 'Sim Man' – a fully functioning dummy patient
- a programming suite with private professional network
- access to the latest software and hardware used within the creative and digital industries
- a 120-seat lecture theatre and cinema
- an engineering suite with design, printing and production facilities
- an art and media studio and gallery space
- a fitness suite and gym, equipped with the latest sports kit
- flexible teaching areas alongside our core science facilities
- a ground-floor café and co-working space for sixth form students

Student story

Millie is a year 12 student studying Sociology, Psychology and History A-Levels and has been with us since 2020 through our Ignite programme.

We're passionate about creating opportunities that place our students right in the heart of real-world issues and Millie recently spent time at the Houses of Parliament, shaping her aspirations in law and human rights. She shadowed legal professionals and engaged with MPs around a powerful campaign; Hillsborough Law.

"I shadowed Elkan Ambrahamson, who worked on the 2016 Hillsborough inquest – he's a human rights and inquests solicitor. It aimed to get the deaths of the 97 ruled as unlawful killings by the South Yorkshire Police. He's worked on Hillsborough, Grenfell and the Manchester bombings.

"I shadowed him for the day, as well as Pete Weatherby, the barrister on Hillsborough and Ian Byrne, the MP for West Derby in Liverpool. We mainly met Labour MPs and a few members of the House of Lords, discussing where Hillsborough Law is up to, why it hasn't been passed as legislation and what's blocking it.

"The idea behind Hillsborough Law is threefold: a duty of candour – meaning all public officials and institutions must tell the truth; they have to wilfully assist in inquests rather than just being investigated; and it levels the playing field so that people who want to sue public institutions or make enquiries against the government are entitled to the same level of legal representation. It's not fair if the government gets the best lawyers and the families get nothing.

"There were a lot of Scouse MPs, which was great. Everyone was really angry about it; really, really angry. It was great to see them getting so riled up and caring so much – I thought they would just sit and nod along, but they didn't; they cared.

"It was interesting to see the way the solicitor I shadowed carries himself in meetings," adds Millie. "The atmosphere was really genuine and passionate. I learnt that, even in situations where you feel like you have to act a certain way, it's better to be authentic. It also confirmed for me that I want to go into this field; human rights; inquests law; politics – it's really inspiring to see so many people care about those affected, even when it doesn't affect them personally."

Millie's passion for justice and her drive to make a difference are exactly the kind of qualities we're proud to foster. We can't wait to see where her journey takes her next.

From MeDeVet to Oxford

Life Sciences UTC student Holly is celebrating as she becomes the first in her family to attend university, with three A*s in biology, chemistry and maths.

Holly initially enrolled in the MeDeVet programme with aspirations in medicine, but discovered a newfound passion for chemistry, prompting a change in her academic direction. Holly's decision to pursue chemistry at university underscores the importance of exploring different pathways and finding the right fit for your academic and career goals.

"Liverpool Life Sciences UTC provided me with so much support and guidance, not just with the academic side of things," she says. "Oxford wasn't on my radar until it was suggested to me, but I am so pleased I embraced the opportunity."

Holly's teachers have praised her rigorous approach to understanding complex concepts, attention to detail in practical experiments and ability to think critically and analytically.

Principal Jill Davies adds: "Holly's journey exemplifies the spirit of exploration and growth we encourage," she says. "We're incredibly proud of her achievements and look forward to seeing her thrive as she pursues her passion for chemistry."

We remain dedicated to supporting students like Holly, ensuring they have the tools and opportunities to succeed in their chosen fields. The rarity of securing one of only two places at Corpus Christi College, Oxford, highlights Holly's exceptional achievement and the bright future ahead of her in the field of chemistry.

Our team, governance and Trust

Our team

Our dedicated team of teaching staff has a wealth of industry experience, as well as links to local health and science organisations. With years of experience under their belts, our teaching team are experts in their respective fields, and are part of a wider network of science and healthcare professionals.

We teach across the spectrum, from science, maths and English, to business, health and social sciences, PE, humanities and modern foreign languages. Our students benefit from a high standard of teaching, encompassing all of the traditional curriculum subjects as well as a range of focused science and healthcare subjects from our team of specialist staff.

The safety of our students is imperative. We provide a safe space for students to learn, explore and push boundaries, and our dedicated Director of Inclusion ensures our students receive all the support they need whilst removing any barriers to learning. Our pastoral team plays a central role in students' personal and academic development whilst our SEND team supports all students to achieve their potential.

Governors

Our governing body drives the vision and ethos of our school, monitors educational and financial plans, and provides support to the school in a way that is tailored to our priorities. Our governing body consists of ten governors drawn from our sponsor and partner organisations, parents, staff and local stakeholders to create a balanced group with the right experiences, skills and connections to support the school in achieving exceptional performance.

Northern Schools Trust

Life Sciences UTC and The Studio School are part of the Northern Schools Trust. The Northern Schools Trust is committed to providing life changing opportunities through education for every student. It works to support this through personal development, quality leadership and investment in teaching and learning.

northernschoolstrust.co.uk

Our partners

Working with employers, universities and the public sector is important to us for many reasons. The real-world experience that it affords our students is second to none. And by working with a carefully curated collection of award-winning partners, our students graduate from us with an unrivalled bank of knowledge and experience, to help them on their way...

- Stay ahead of the curve and develop the niche skills our local award-winning science companies need, gaining the relevant skills that employers seek out
- Listen to and learn from world class speakers in our series of masterclasses and seminars
- Make a real difference – get involved in groundbreaking research projects
- Join regular visits to external organisations and take part in work placements with our partners

Autodesk

Astrazeneca

Ford

The Very Group

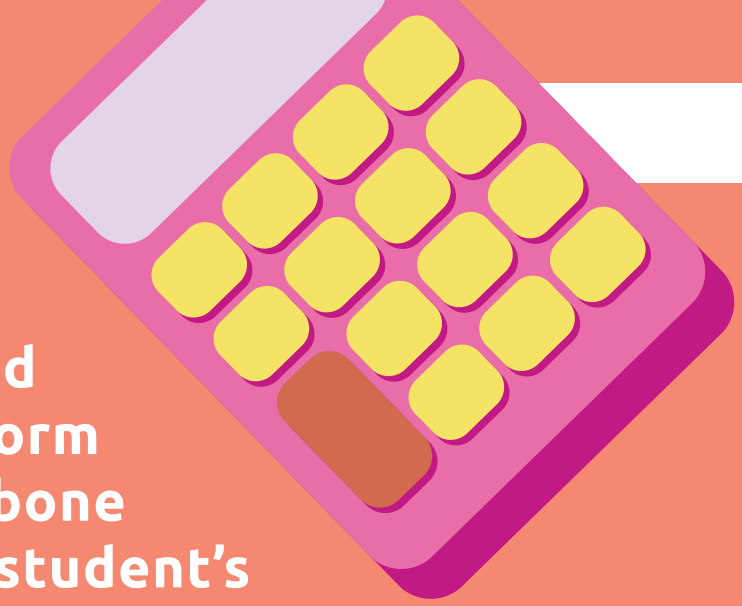
Beverston Engineering

BAC

NHS

Unilever

KS4 GCSEs



Maths and English form the backbone of every student's journey from GCSEs to advanced studies. At the UTC, the English pass rate surpassed the national average by 8%, with 53% of students achieving a grade 5 or higher in Maths, while the pass rate mirrored the national standard, our students exceeded the percentage of grade 7 or above by 4%.

GCSE Curriculum

All students study the core subjects:

- **English Language and Literature**
- **Mathematics**
- **Science (Double or Triple award)**

Alongside the core curriculum subjects, our students select a range of optional subjects, which give you a good foundation if you want to specialise in a certain area in sixth form. Our subjects have been designed in conjunction with our university and industry partners, to make sure that students get the best possible education options, for the roles of the future.

We've worked closely with our partners to cover the key skills, experiences and attributes needed in the creative, tech, science, engineering and healthcare sectors. You'll have everything at your fingertips to make an informed decision about the best route through education, playing to your personal strengths and interests. At the end of the Key Stage 4 programme, you'll have the option to progress to our sixth form, selecting A Level and BTEC Options for Year 12.

The core curriculum also includes:

- **Project-based learning**
- **Enrichment**
- **Wellbeing**
- **Careers education, information, advice and guidance**
- **Personal, social health, citizenship education**
- **Physical education**

In addition, students choose from our specialist BTEC and GCSE options:

- **Engineering**
- **Biology**
- **Health**
- **Spanish**
- **Arabic**
- **Sport**
- **Further Maths**
- **Business**
- **Geography**
- **History**
- **Psychology**
- **Sociology**
- **Computer Science**

Don't be limited to what you learn.

Life Sciences UTC students can also choose to study any GCSE subject offered at our sister school, The Studio.

Results

Our results show that:

60% students achieved a grade 4 or above in English and maths GCSE and 45% students achieved a level 5 or above

100% achieved a grade 4 or above in separate Biology and Chemistry

UTC English
72% achieved a grade 4 or above

UTC Maths
72% achieved a grade 4 or above

95% achieved a grade 4 or above in Physics

72% secured a Distinction or Distinction* in Engineering

Destinations

Our students' exam results give them opportunities to specialise in certain subject areas, creating great opportunities for their future study.

- University of Liverpool — Aerospace engineering
- University of Oxford — Medicine
- University of Keele — Forensic science
- University of Aberdeen — Applied molecular biology
- Liverpool John Moores University — Mechanical engineering university
- University of Liverpool — Adult Nursing
- University of Manchester — Law
- Liverpool John Moores University — Mechanical Engineering Nursing
- University of Bath — Biomedical Sciences
- Manchester Metropolitan University — Medicinal and Pharmaceutical Chemistry

Enrichment

Fancy learning to code in between classes? Want to build a 1,000mph jet powered car from scratch, in your spare time? Maybe you'd like to practise your drama skills? Our enrichment activities have got you covered...

Enrichment activities run alongside our classes, offering students a wide range of exciting and interesting opportunities to build on their experience, or learn a new hobby or skill.

Our programme of enrichment activities goes hand in hand with a strong and enviable UCAS application.

Competitions

- Unilever Inspire Programme
- Business of Science Innovation Awards
- Big Bang Science, Engineering and Tech Competitions
- UK Bebras (organised by the Raspberry Pi Foundation and delivered in partnership with the University of Oxford)

Support

- Mental Health Champions

Activities

- STEAM lessons
- Masterclasses from industry leaders, local and national
- Arid adaptations investigation group
- Telling my Story workshops
- Scanning Electron Microscope loan
- Merseyside Young Life Scientists and Healthcare
- Top of the Bench competition
- Apex NHS digital Challenge competition.
- Medical Simulation suite – SIMMAN and Annie dolls
- Global Innovation in Sustainability Summit
- Carnegie Medal Shadowing, both writing and illustration
- Banned Book club
- Classics in class and trips
- Football
- Combined Cadet Force (CCF)
- Art Club
- Book Club
- Reading Club
- Alfred H Knight – Lab Metalytics Project
- AstraZeneca Vaccine Challenge
- Clinical Skills for Healthcare

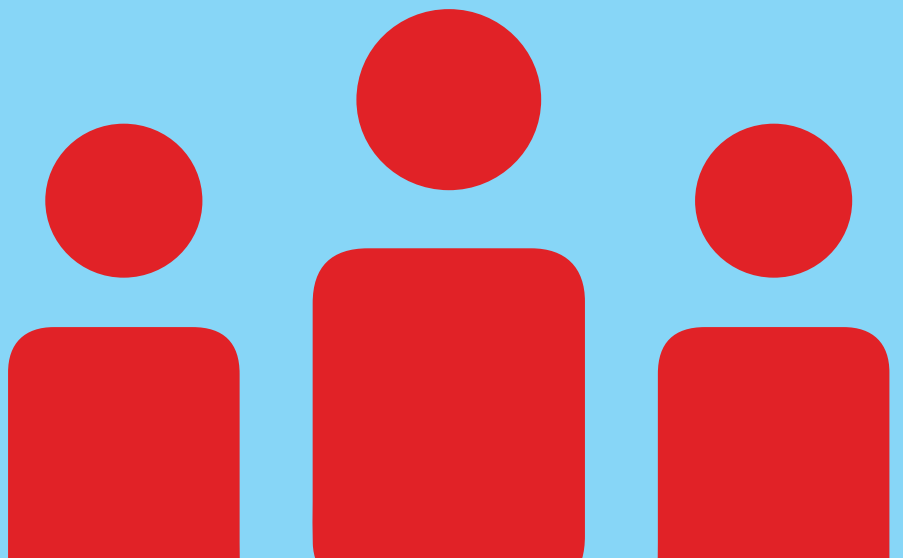
Pastoral support

Wellbeing is a vital part of the work we do with our students. We'll work with you to develop your social and emotional skills, knowledge and behaviours that will help you to be resilient and happy. Advocacy, support, signposting and advice is available throughout the school from our specialist, experienced, pastoral team.

SEN support

We believe that all students, no matter their individual needs, are entitled to an inclusive academic and vocational education that allows them to explore their passions and thrive in school.

We have a dedicated SEND team to support our students' needs including a specialist SEND Co, deputy SEND Co and Learning Support Assistants.



Changing schools

Can I change schools?

Yes! You can now change schools at 13, 14, or 16. The government changed things back in 2010, allowing you to choose whether or not to stay at your current school. You can also join us at 16, after you've finished your GCSEs. If you're in Year 8 or 9 now, instead of staying at your school for years 9, 10 and 11, you can enrol at Liverpool Life Sciences UTC or The Studio School to choose and complete our GCSEs. Or you can join us for years 12 and 13.

When can I join?

If you're in Year 8 now, you can apply to join our Ignite Programme in September. If you're in Year 9, you can apply to join our Key Stage 4 programme, starting at the beginning of Year 10. If you're currently in Year 11, you can apply now to be a Year 12 entrant.

Sixth Form

At Liverpool Life Sciences UTC, sixth form students receive a unique educational experience. Alongside a core curriculum of A Levels and vocational qualifications, students benefit from the expertise of business partners who help shape their learning. These partners define industry skills needs and offer real-world projects, masterclasses, and training to ensure students are prepared for future careers.

Enrichment

Our enrichment activities go hand-in-hand with a strong UCAS application and wide ranging extra curricular interests. Running alongside classes, our enrichment programme offers students a wide range of exciting and interesting opportunities to build your experience, learn a new hobby or try a new skill. With everything from coding to jet-powered cars on the agenda, and drama to art, book and reading clubs, you're guaranteed to find an activity to immerse yourself in.

Activities

- STEAM lessons
- Masterclasses from industry leaders, local and national
- Arid adaptations investigation group
- Scanning Electron Microscope loan
- Merseyside Young Life Scientists and Healthcare
- Apex NHS digital Challenge competition
- Medical Simulation suite – SIMMAN and Annie dolls
- Global Innovation in Sustainability Summit
- Carnegie Medal Shadowing, both writing and illustration
- Bibliophiles United!
- Classics in class and trips
- Combined Cadet Force (CCF)
- Further Maths
- Art Club
- Book Club
- Reading Club
- MeDeVet Programme
- Ford Data Dashboard Project - Microsoft Power BI
- Employability Skills Challenges
- IRIS - Elephants on the Move Research Project
- Alfred H Knight – Lab Metalytics Project
- AstraZeneca Vaccine Challenge
- Clinical Skills for Healthcare
- Baltic Research Institute
- EPQ Research Programme
- Primary Schools Outreach Programme
- Baltic Research Journal

Project-based learning

Liverpool Life Sciences UTC champions project-based learning (PBL) as an integral part of our curriculum, placing real-world relevance at the heart of education. Through PBL, students actively engage in complex, cross-disciplinary projects that mirror challenges in health, science and technology industries. This approach prioritises skills such as collaboration, critical thinking, and innovation essential for careers in the life sciences.

At the UTC, students work in specialist labs, often with input from industry partners, providing them with valuable insights into professional standards and expectations, The school's Baltic Research Institute (BRI) exemplifies this, allowing students to conduct original research, gaining practical laboratory experience and feedback from experts.

The UTC's project-based learning approach has been acknowledged by Ford Philanthropy as a key part of initiatives to support Halewood and the Liverpool City Region, One funded project saw the Maths team guiding year 11 students in developing data dashboards using Microsoft Power BI, enabling them to analyse extensive scrap data sets from Ford for 2022 and 2023. This initiative not only supports local industry needs but also enhances students' practical data analysis skills in a real-world context.

Liverpool Life Sciences UTC's PBL framework is designed not only to achieve academic success but to equip students with the skills, confidence, and professional readiness that are increasingly valued in scientific and healthcare fields. This distinctive approach ensures that graduates are well-prepared to meet both academic and vocational demands, making the UTC a leader in future-focused education.

Support

- Mental Health Champions
- Trips to Cambridge/ Oxford open days
- Partnership with Aspire Liverpool; support applications to top universities
- Tutoring with Liverpool University for eligible KS5 students
- Mental Health Champions

What we do:
Pathways

We use pathways to help you visualise the best route into the career you're interested in, and support you in making the right study choices at Year 12.

We work closely with you and your parents to make sure you opt for the best combination of subjects to help you achieve your dreams. And, if you're unsure about your future goals, we can advise you on how best to keep your options open and find out what really inspires you.

We also offer our students a variety of project-based learning, placements and masterclasses, so you get a real taste for the jobs and environments that you're passionate about.

We offer different pathways, giving you a chance to explore wide ranging subject areas, coupled with unforgettable, real life experience:

Exploring MeDeVet?
medicine/ dentistry/ veterinary

This pathway will allow you to experience work placements at the Royal Liverpool Hospital, masterclasses and projects that teach the basics of biomedical sciences designed to help you achieve your goals. You will have support for UCAS and to prepare for university admissions tests.

What we do:

Exploring life sciences

This pathway will allow you to experience work placements at the Royal Liverpool Hospital, masterclasses and projects that teach the basics of biomedical sciences designed to help you achieve your goals. You will have support for UCAS and to prepare for university admissions tests.

Exploring applied science

This pathway will offer practical support in building laboratory, analytical and numerical skills. It will help you to develop communication and teamwork skills. This will be an advantage when applying for university or apprenticeships.

Exploring T-level design and development for engineering and manufacturing specification

This pathway will help you build the skills of the future. It is ideal for students who enjoy product design, problem solving, lab work, research, equations and analysis. You will learn new techniques and software that will help you when applying for university or apprenticeships.or apprenticeships.

Exploring social sciences

The social sciences pathway allows you to understand how and why people behave as they do. You can learn more about the law in criminology, the mind in psychology or society in sociology. It offers some fantastic trips, masterclasses and projects.

Exploring health and care

On this pathway you'll examine a range of topics including anatomy, psychology, mental health and infectious diseases. Your learning will be backed up with hands-on simulations in the health suite and on work placements, including at the Royal Liverpool University Hospital.

BTEC subject:

Sport Science
Health & Social Care

T- level subjects:

T-Level Design and Development for Engineering and Manufacturing

A Level subjects:

Biology
Business Studies
Chemistry
Computer Science
Criminology
Economics
Engineering
English Literature
Further Maths
Geography
History
Mathematics
Philosophy & Ethics
Physics
Psychology
Sociology

Don't be limited to what you learn.

Life Sciences UTC students can also choose to study any A-level subject offered at our sister school, The Studio. This includes Lens-based media, Computer science and Art.

Liberal Arts Pathway

Liberal Arts is a **pathway with A-levels** ranging from the Arts, Humanities, Social Sciences, and Sciences. It aims to transcend the confines of any single subject and encourage students to learn as much as possible about the world around them. The two-year Liberal Arts **pathway** will enable Sixth Form students to explore ethical, moral, political, and cultural topics that impact the modern world through **academically rigorous A-levels.** It will encourage students to consider the historical reasons behind current global tensions and how science can be harnessed to address these issues. Throughout the course, students will be encouraged to read widely, thereby gaining analytical, evaluative, critical, and creative thinking skills. It will foster an ability to be sensitive to others and be tolerant of cultural differences.

English Literature
History
History of Art
Philosophy and Ethics

Careers

Politics, journalism, management, education, the charity sector, consultancy, and marketing.

Engineering Pathway

At the forefront of design and lean manufacturing, our engineering pathway will propel you to the subject's cutting edge, with up-to-the-minute skills to learn and expertise to guide you.

This pathway provides entry to university or employment through an apprenticeship in engineering, including advanced apprenticeships in manufacturing engineering, power engineering or engineering environmental technologies.

The pathway can also lead directly to employment in engineering, such as electrical and electronic engineering, mechanical engineering and design, automation, systems and control and manufacturing.

Our engineering teacher, Andy Plevin, is a certified Autodesk Instructor – the only in the North West, based in a school.

OCR National Engineering
T-level Engineering
A-level Physics
A-level Maths
A-level Further Maths

Enrichment opportunities:

Autodesk accreditation
Visits to partners sites

Results

Thriving industry-focused education, in partnership with lead STEM organisations. Real projects. Real skills. Great destinations!

Our results for KS5 are above average both locally and nationally. Our students typically excel in both A Level and BTEC programmes.

Biology
75% A* – C

Maths
41% A* – B

Additional A Level languages
80% A* – B

Social sciences
70% A* – C

Physics
80* A* – C

Applied Sciences
60% Triple D* / Triple D

Engineering
57% Distinction*

Health
59% Triple D* / Triple D

Destinations 2025

We take pride in preparing our students for the world of work and the jobs of tomorrow, giving you the skills to be successful in the future. We also keep in touch with our previous students to find out how they're doing in whatever path they follow. Through our alumni, we get plenty of relevant, up-to-date recommendations and support for our current crop of students.

Our degree destinations include:

- University of Brighton – Paramedic Science
- University of Glasgow – Physics with Astrophysics
- University of Leeds – Physics
- University of Sheffield – Medicine
- RWTH Aachen University – Mechanical Engineering
- University of York – Chemistry with a year abroad
- University of Salford – Pharmaceutical Science - Mechanical Engineering
- University of Plymouth – Optometry - Medicine with Foundation Year
- University of Lancashire – Aerospace Engineering with Pilot Studies (with Foundation Year)
- University of Chester – Chemical Engineering (including a Foundation Year)

Examples of Apprenticeships and Degree Apprenticeships:

Sellafield – Engineering & Maintenance Degree Apprenticeship
United Utilities – Laboratory Scientist Degree Apprenticeship
Ford – Electrician Apprenticeship
Rothschild & Co – Wealth Management Apprenticeship

Careers

As well as building up a unique and strong skills base, our students benefit from impartial careers advice and guidance throughout Careers Advisor and Pathway Leads.

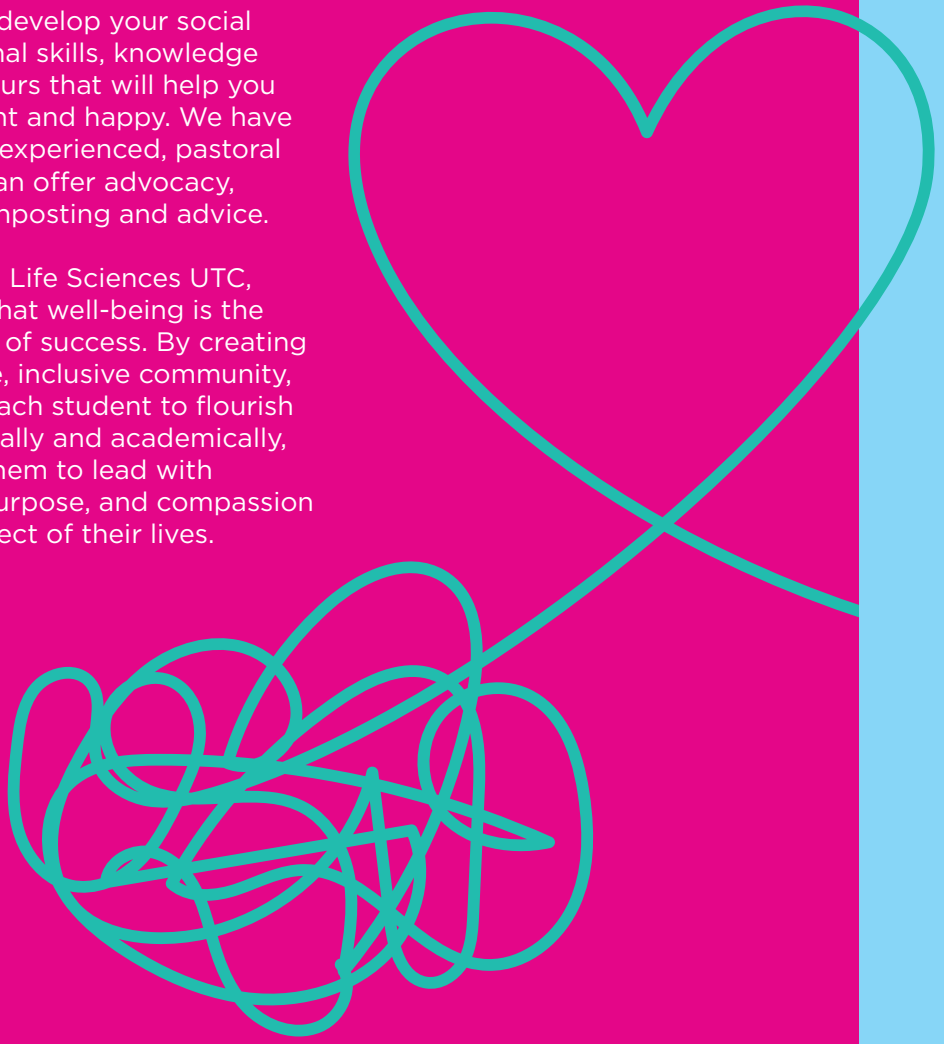
Our close connection to local universities and colleges means our students have the best possible advice when it comes to university admissions.

Of course, we understand that not all of our students want to pursue a university education; our Guidance Team is on hand to talk our students through life after the UTC, whether that may be university, an apprenticeship, or a job upon graduating.

Wellbeing

Wellbeing is at the heart of the work we do with students. We will work with you to develop your social and emotional skills, knowledge and behaviours that will help you to be resilient and happy. We have a specialist, experienced, pastoral team who can offer advocacy, support, signposting and advice.

At Liverpool Life Sciences UTC, we believe that well-being is the cornerstone of success. By creating a supportive, inclusive community, we enable each student to flourish both personally and academically, equipping them to lead with resilience, purpose, and compassion in every aspect of their lives.



Industry insight days

At Liverpool Life Sciences UTC, we believe that meaningful, hands-on experiences are key to preparing students for future success. Our project-based curriculum is enriched through regular engagement with industry partners, providing students with opportunities to apply their learning in real-world contexts. Our students gain valuable insights into the careers, technologies, and industries shaping the future. These experiences not only develop technical skills and critical thinking but also raise aspirations and strengthen connections between education and the world of work.

Here are some examples of the last academic year:

Year 10 students recently took part in an exciting Industry Insight Day, supported by leading engineering consultancy AJP. Held in Liverpool, the event offered students first-hand experience in urban redevelopment and housing planning. Working in teams, students assessed real sites across the city, analysed construction risks, conducted surveys, and proposed housing solutions backed by detailed research and planning. From evaluating land use to designing amenities and addressing social value, pupils gained invaluable insights into civil engineering, project development, and future career pathways. The day culminated in a professional-style bid for funding, encouraging critical thinking, collaboration, and creativity. Events like this provide our students with meaningful industry engagement, preparing them to tackle tomorrow's challenges with confidence and skill.

Ford EV Challenge – Building the Factory of the Future

As part of a unique STEM enrichment activity, our students explored the challenges of setting up a next-generation electric vehicle (EV) factory, inspired by Ford's £355 million investment in its Halewood plant. With Ford aiming to sell 600,000 EVs in Europe by 2026, students investigated the engineering, logistics, and sustainability considerations behind such a major transformation.

Tasked with planning their own EV production facility, students gained valuable insight into the future of the automotive industry, the importance of green technologies, and the range of careers linked to the electrification of transport.

The project encouraged problem-solving, teamwork and future-focused thinking, while helping students understand how global investment can impact local communities and employment. With 500 skilled jobs secured through Ford's Halewood expansion, this activity helped students envision their own role in the UK's rapidly evolving green economy.

Scholars programme

Our vision is to provide opportunities that stretch and challenge our students through a variety of experiences. This exciting programme prepares our scholars with the skills, experiences and confidence needed to succeed after their time at the UTC. The programme:

- Adds breadth and complexity to the curriculum
- Raises aspirations, particularly in their areas of strength
- Encourages independent thought and action
- Instils curiosity about the wider world
- Promotes confidence in making decisions about the future
- Ensures effective communication with peers and adults in a range of challenging contexts

Traditionally, students have followed pathways which allow them to focus and excel in their preferred areas of the curriculum. This approach will not change, but the scholars programme allows a cohort of students within each year group to access wider opportunities beyond the curriculum.

This year, our Ignite scholars have been exclusively invited to and involved in a variety of activities delivered by external experts. These include a mock trial, a community-based social action project, an engineering and technology masterclass, a workshop on economics and a romantic poetry seminar, alongside the wealth of opportunities offered to them during their curriculum time.

From September 2025, scholars are benefitting from further structured opportunities within curriculum time, and committing time after school to benefit from the full package of events on offer.

Scholars are selected based on both their attributes and their application and provided with additional opportunities, so they show additional commitment. Our scholars are role models promoting and celebrating their own achievements, and the achievement of others. They are encouraged to be deep thinkers, who are able to articulate their thoughts and opinions clearly and active global citizens, knowledgeable about the wider world and passionate about making a difference in their communities.

Prefects 2024/25

Our Head Boy/Girl roles are wide ranging, maintaining and establishing the highest standards of behaviour, attitude and appearance and being a positive role model for other pupils.

Senior Prefect roles include many responsibilities, led by the Head Boy and Head Girl each year. Senior Prefects exhibit the qualities we value, including self-discipline, leadership skills, communication skills, public speaking, politeness, helpfulness, respect and care for others.

Key responsibilities of the Senior Prefects and Head Boy and Girl are:

- Be a role model: set the standard for the rest of the school in terms of appearance, conduct, attitude to work and involvement in school activities; promote the aims, ethos and public image of the school.
- Meet regularly with the Head Boy, Head Girl and their deputies to perform duties.
- Lead a team of Sixth Form students: organise groups of students to conduct tours of the school, with clear their roles and responsibilities; make sure tasks are carried out effectively.
- Communication: liaise with the Principal, Assistant Principals, Head of Sixth Form and members of the Sixth Form team about the running of Urban Brew and Sixth Form Crypt and other parts of the school; represent the views of Sixth Form students and the school community.
- Represent the school and speak at public occasions.
- Take a prominent role in assemblies and selected assemblies for other year groups, giving notices and writing reports.
- Organise teams of students to help with duties and events like Parents' Evenings and Welcome Evenings.
- Liaise with Pathway Leads and other staff when necessary.
- Lead the integration of new students into the Sixth Form.

Benefits for you:

- Personal reference from the Principal.
- Highly valued as an additional responsibility on your UCAS form and CV.
- Sets you apart from your peers on CVs and personal statements.
- Allows you to make connections with key employers.

Degree apprenticeship support

Get the guidance, skills and opportunities needed to succeed in the competitive world of degree apprenticeships.

1. Expert careers guidance
- Dedicated careers advisers specialising in apprenticeships, who understand employer expectations
- Regular sessions on how degree apprenticeships work, how to apply, what employers look for and how your school choices can support your application.

2. Application support
- Help with crafting strong CVs, personal statements and application forms
- Mock interviews and assessment-centre practice
- Help preparing for psychometric tests and technical assessments

3. Real-world experience
- Gain work experience or project placements in labs, healthcare environments or engineering settings
- Employer visits, guest speakers and workshops with professionals working in life sciences, healthcare and engineering
- Partnerships with industry sponsors

4. Skills beyond the classroom
- Enhance your employability through group work, communication, problem-solving, teamwork and technical skills
- Extracurricular and enrichment programmes that help you stand out – STEM clubs, science projects and volunteering
- Strong pastoral, wellbeing and mentoring support

5. Personalised support
- One-to-one support from teachers and careers staff to map out which degree apprenticeships align with your strengths and interests
- Guidance on applications to help you make the choices that suit you
- Logistics planning: deadlines, references and interview prep

Dr John Dyer

Dr John Dyer has been a science teacher at the UTC for six years, and works with students on a range of projects that span the sciences; one of the main projects that John supports is the Baltic Research Institute, which is the UK's first student-led research body for pre-university students. "The UTC places great importance on the development of skills that link to research and careers in the life science and healthcare sectors," says John. "There is a genuine commitment to allowing students to work on long-term practical research projects that aim to solve real-world problems and that are led by the students themselves."

Allowing students to immerse themselves in the world of research during their time at the UTC – as well as solving real-world problems as part of the curriculum – are some of John's favourite things about teaching science at the UTC. "The freedom to design and deliver a more creative, skills-based curriculum that better reflects what it is like to be a scientist. At times it feels more like having a research group than a class, with the students working on a wide range of exciting projects and trying to solve real world problems," he says.

Baltic Research Institute

We are committed to providing our students with unparalleled opportunities to engage in real-world scientific research. The Baltic Research Institute (BRI) Journal, the only student-led scientific journal of its kind, is a testament to the ambition, talent, and academic excellence of our students.

Through this initiative, our students conduct rigorous research across a range of scientific disciplines with the BRI Journal serving as a professional platform for them to publish their work. By developing critical thinking, problem-solving, and analytical skills, UTC students will be more equipped for their future careers in STEM related fields.

By fostering a culture of enquiry and innovation, Liverpool Life Sciences UTC empowers students to push the boundaries of knowledge and gain experience beyond the traditional curriculum. We invite you to explore their research and support the next generation of scientists.

How to apply

It's easy to apply to join Liverpool Life Sciences UTC

Apply online at lifesciencesutc.co.uk/apply and lifesciencesutc.co.uk/apply-6thform or find more details at lifesciencesutc.co.uk

Contact us: 0151 230 1320
Student.Services@Lifesciencesutc.co.uk
@lifesciencesutc

Located in the heart of the Baltic Triangle:
Liverpool Life Sciences UTC, CUC Building, Greenland Street, Liverpool L1 0BS

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