

The logo for Liverpool Life Sciences UTC is located in the top right corner. It features a stylized white 'U' with a black dot above it, followed by the text 'Liverpool Life Sciences UTC' in white and black. The logo is set against a red background that is part of a larger red shape on the left side of the page.

**Liverpool
Life Sciences UTC**

GCSE Options

GCSE Options

When students move into years 10 and 11, they are able to make individual choices about what subjects they would like to study. The role of the Liverpool Life Sciences UTC is to offer information and guidance on the different options available and help you to make decisions that will support you in the future.

We work closely with students and parents to ensure you understand the wide range of subject options available, and to help you understand the opportunities and challenges that each subject brings.

We are then able to create a personalised programme for each Key Stage 4 student that offers a broad, balanced curriculum that suits each student's individual talents, needs and aspirations.

The Liverpool Life Sciences UTC offers two exceptional specialisms, Science and Health. Each student will have the opportunity to learn more about our specialisms, experiencing projects that help them identify their talents. It is important to remember that all students have access to a full range of GCSE subjects, choosing a specialist school, like the UTC, will not limit their options for post-16 education.

Core Subjects

Core subjects are compulsory for all students. Some core subjects are examined, some are not.

The core examination subjects are:

- English Language
- English Literature
- Mathematics
- Science

The core curriculum also includes some non-examination subjects:

- Physical Education
- Personal, Social Health, Citizenship Education
- Religious Education

Optional Subjects

Students can select from the range of optional subjects below:

- Business Studies
- Child Care
- Geography
- Health and Social Care
- History
- Psychology
- Sociology
- Spanish
- Sport

GCSE Options

Making your choices

When it comes to choosing your options, many people will tell you to choose the subjects you enjoy and that interest you – which is good advice. But, it is also important to think further ahead and to consider what you might like to do in the future.

It is scary to realise that the choices you make now will influence the choices you are able to make at the end of your GCSEs and in turn, which degree courses, jobs and apprenticeships are open to you at the end of your time with us.

Having the right information to hand now will give you more options when the time comes. For some degrees/ jobs, you will need to have studied a particular subject or range of subjects beforehand.

It is our job here at the Liverpool Life Sciences UTC to help you make decisions that won't make things harder for you in the long term. We need to be sure that the subjects you take equip you for your chosen university course, apprenticeship or employment desire, or of course show off your skills in a particular subject area. And most importantly, if you haven't yet decided what you would like to do in the longer term, we can advise you on the subjects that help keep your options open until you do.

We have put together a grid below that will help you to tackle your GCSE Options. You can look at it in a number of different ways:

- 1. If you know what direction you want to take when you are older, use the Possible Careers row and work from bottom to top to select the course options you need to take now.**
- 2. If you know what subjects you want to study, work from top to bottom to see the different apprenticeship, university and career options they open up for you.**

We have suggested possible university courses, apprenticeships and careers. These lists are not exhaustive and we can help you look at the wider range of choices that you might wish to consider.

When making your choices, think about:

1. Reflecting your strengths and interests
2. Keeping your options open with a range of subjects
3. Thinking about balance in your combination
4. Making sure you know why you are making this choice

The Liverpool Life Sciences UTC Options Process

1. Look at the information grid
2. Discuss possible choices with your parents and subject teachers – both at your current school and at the UTC
3. Think about what subjects you will enjoy and perform well in
4. Think about your preferred careers paths whilst thinking about your subjects
5. If you have questions, talk to the UTC team. Any prospective student can make a careers interview appointment with UTC Professional Guidance Leader, Mr McCann
6. Fill out and return the Options Form by Friday 20th June

GCSE Options

Core GCSEs	English Language English Literature Maths Statistics				English Language English Literature Maths		
Science Options	Biology Chemistry Physics				Biology Chemistry Physics Option to do Double Award Science		Double Award Science Option to do BTEC Applied Science
Other Options – choose 3 	History Geography Psychology Spanish Business				History Geography Psychology Sociology Health & Social Care GCSE PE or BTEC Sport		History Geography Health & Social Care Child Care Sociology Business GCSE PE or BTEC Sport
Possible Post-16 Options	Biology Chemistry Physics Maths Further Maths Maths Psychology English Lit/ Language History Geography	Biology Chemistry Physics Maths Further Maths Psychology Geography	Chemistry Physics Biology Maths Further Maths Geography	Maths BTEC L3 Business Studies A Level English Language BTEC L3 Enterprise & Entrepreneurship Geography History	Biology Chemistry Physics Maths Further Maths Psychology Sociology BTEC Health & Social Care		BTEC Health & Social Care CACHE Childcare BTEC Applied Science A Level Sociology A Level Psychology
Possible UTC Post-16 Pathway	Exploring Medicine/ Dentistry	Exploring Life Sciences	Exploring Physical Sciences	Exploring Animal Science	Exploring Leadership & Management	Exploring Health Sciences	Exploring Healthcare or Exploring Social Care
Possible University Courses	Medicine Dentistry Biomedical Sciences	Life Sciences Biochemistry Biotechnology Microbiology Biomedical Sciences Pharmacology Zoology	Chemistry Physics Engineering Earth and Marine Sciences Astronomy Maths Metallurgy	Veterinary Sciences Bio veterinary Sciences Zoology Marine Biology	Business Marketing Law Social Policy Public Health	Radiography Midwifery Nursing Occupational Therapy Ophthalmology Physiotherapy Psychology	Health & Social Care Social Work Early Years
Possible Apprenticeships	Medical Laboratory Assistant Operating Health Professional Haematology Technician Dental Nurse Veterinary Nurse	Laboratory Technician Sterile Services Technician NHS Pharmacy Health Informatics	Chemistry Technician Engineering Process Manufacturing	Animal Nursing	Medical Secretary Advertising and Communications Legal Administration Public Health	Radiotherapy Assistants Dietetic Assistants Physiotherapy Assistants Clinical Support Workers Dental Nursing	Healthcare Assistant Early Years Assistant Residential Care Assistant Play Work Coordinator
Possible Careers (a few to start you off) 	Doctor Dentist Pharmacologist	Biotechnologist Geneticist Microbiologist Pharmacologist	Analytical Chemist Formulations Chemist Engineer	Vet Marine Biologist	IP Lawyer Patent Attorney Regulatory Affairs General Practice Manager Records Clerk	Nurse Midwife Physiotherapist Radiographer	Emergency Care Assistant Nursery Nurse Care Assistant – Elderly/Disabled Health Promotion Specialist

GCSSE Options

Optional Subjects

Business Studies

In today's world, businesses must constantly react to the internal and external environment in which they find themselves operating. With advances in technology and ever-increasing competition, businesses must constantly review and update their procedures to ensure they stay that one step ahead. Business and organisations require effective, independent candidates who can apply an enquiring and critical approach to their work. This course will develop those skills.

Child Care

Studying Child Care provides the opportunity to gain a basic understanding of working in the child care sector and gain a vocational qualification. It includes the knowledge and understanding of child development and well-being necessary for working with children in a variety of settings. It is aimed at a range of learners who wish to be introduced to childcare and development for children aged 0-5 years.

Geography

This course will help you to think like a Geographer and to understand the physical landscape and the relationship man has with this. You will develop a knowledge of current events, locally and globally. You will have the opportunity to study the physical features of the earth and its peoples and cultures. You will build a range of useful skills, including map reading, data collection and analysis and problem solving.

Health and Social Care

This course will enable you to develop essential skills in caring within the health and social care sector, including communication, individual rights and individual needs, cultural diversity, anatomy and physiology and human lifespan development.

All learners will have the opportunity to experience the vocational elements of the programme, and develop practical skills, such as demonstrating health and social care values that will help prepare you for the world of work.

History

This course will help you to think like a Historian. History lets you know about why and how we came to live as we do today through previous events. You will learn to recall, select and communicate your knowledge of history. You will develop a good understanding of several periods of study and you will learn how to evaluate and analyse historical sources.

GCSE Options

Psychology

Psychology is the study of human behaviour, why we think and behave in the way we do. Students will develop analytical and critical thinking skills, a sound understanding of methods and approaches used in Psychology and an appreciation of how science works. They will also be introduced to psychological research by learning how psychologists conduct experiments.

Sociology

Sociology is the study of the relationship between people and the society around them. It is an engaging subject that will challenge your understanding and experience of everyday life answering and exploring major questions about why people behave in a certain way, such as why girls perform better at school than boys, who commits crime and why.

Spanish

Spanish is an accessible and widely spoken language that makes it possible to communicate with people in the Americas and elsewhere. It is a good foundation language to learn Italian, French and Portuguese. This course will help you to build skills of speaking, reading and listening either from scratch or build on them if you have studied Spanish before.

Sport

GCSE PE provides students with the knowledge and understanding of how to live a healthy and active lifestyle, enabling them to make informed choices about their own physical development. Students can choose from a variety of roles and activities in which to participate in physical activity.