

## Science and Technology

Suggested Combination:	Physics, Chemistry, then select from Biology, Maths or Design and Technology
<p>The great thing about the academic pathway is that it allows you to choose 3 Subjects. This gives you the advantage of choosing a wide range of future careers. Below we have included a sample of future pathways associated with a STEM direction. To find out more information and possible future pathways for this Subject combination log on to UNIFROG by following this link <a href="https://www.unifrog.org/student/subjects">https://www.unifrog.org/student/subjects</a></p>	
Possible Degrees	BSc in Biotechnology, MSc in Biotechnology, BSc in Biochemistry, MSc in Biochemistry, BEng in Chemical Engineering, MEng in Chemical Engineering, BSc in Physics, MSc in Physics, BSc in Pharmaceutical Sciences, MSc in Pharmaceutical Sciences, BSc in Materials Science, MSc in Materials Science, BSc in Nanotechnology, MSc in Nanotechnology, BEng in Biomedical Engineering, MEng in Biomedical Engineering.
Possible Careers and Apprenticeships	<p><b>Biotechnologist:</b> Apply biological and chemical principles to develop new technologies and products.</p> <p><b>Biochemist:</b> Study the chemical processes and substances that occur within living organisms.</p> <p><b>Chemical Engineer:</b> Design and optimise processes for the production of chemicals and related products.</p> <p><b>Physicist:</b> Conduct research to understand the fundamental principles of the universe.</p> <p><b>Pharmaceutical Scientist:</b> Research and develop new drugs and pharmaceutical products.</p> <p><b>Materials Scientist:</b> Study and develop materials with specific properties for various applications.</p> <p><b>Nanotechnologist:</b> Work with materials and devices at the nanoscale to develop innovative solutions.</p> <p><b>Biomedical Engineer:</b> Apply engineering principles to design and develop medical devices and technologies.</p>