

Engineering Pure

Suggested Combination:	Engineering, Maths and Physics
<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 an Engineering direction. To find out more information and possible future pathways for this Subject combination log on to UNIFROG by following this link https://www.unifrog.org/student/subjects</p>	
Possible Degrees	<p>BEng in Mechanical Engineering, MEng in Mechanical Engineering, BEng in Electrical Engineering, MEng in Electrical Engineering, BEng in Civil Engineering, MEng in Civil Engineering, BEng in Chemical Engineering, MEng in Chemical Engineering, BEng in Aerospace Engineering, MEng in Aerospace Engineering, BEng in Materials Engineering, MEng in Materials Engineering.</p>
Possible Careers and Apprenticeships	<p>Mechanical Engineer: Design and analyse mechanical systems, machinery, and thermal devices.</p> <p>Electrical Engineer: Develop and maintain electrical systems, including power generation and electronics.</p> <p>Civil Engineer: Plan, design, and oversee the construction of infrastructure projects like bridges, roads, and buildings.</p> <p>Chemical Engineer: Design and optimize processes for the production of chemicals and related products.</p> <p>Aerospace Engineer: Work on the design and development of aircraft, spacecraft, and related systems.</p> <p>Materials Engineer: Research and develop materials with specific properties for various applications.</p> <p>Nuclear Engineer: Focus on the design and development of nuclear systems and technologies.</p> <p>Process Engineer: Optimize and improve industrial processes for efficiency and safety.</p>