



WHY IT MATTERS... CHEMICAL ENGINEERING



Loughborough University

Hannah Jane Beer

Technical Development Lead for a leading malt company

Although malting doesn't necessarily appear much on the surface, there is a high probability that you regularly consume food or drink containing malted products.

Malt is the fundamental ingredient in beer, whisky and an array of food products. The craft beer industry has revolutionised over the last few years, and as a maltster you must keep up with the trends and continually develop new products.



STEM subjects at sixth form/ college are a good option to create the foundations for a smooth transition from A Level to degree for any engineering discipline. If you have a passion for working in the food manufacturing sector, then Chemical Engineering is an excellent option to cover the process from a more holistic standpoint. The skills you will learn will be invaluable to any recruiting company, and will give you the potential to really make an impact.

<p>Post 16 Education</p> <p>AS Levels Psychology</p> <p>A Levels Maths, Chemistry, Biology</p>	<p>Higher Education</p> <p>MEng Chemical Engineering</p>
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Why did you choose to study Chemical Engineering?

I wanted to be able to make a difference in the world and Chemical Engineering provided me the platform to enter a magnitude of different industries to truly make a difference.

The course enabled me to problem solve, think logically, improve my communication skills and also explore my creativity and innovation.





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What was it like being a Chemical Engineering student?

Challenging but extremely rewarding.

There is so much more to university than just the qualification, it's a life changing experience where you professionally and personally develop alongside lifelong friends.

What is Chemical Engineering about?

Chemical Engineering covers basic engineering principles, such as fluid dynamics and heat transfer, but also extends further into optimising design, innovation, and research projects, amongst an array of other personal development opportunities.



Hannah's Career

I am currently Technical Development Lead at Crisp, one of the leading Malting Companies.

I am heavily involved with the optimisation and development of processes for a new roasting facility. I joined the company immediately after graduating from Loughborough University in 2018.

Hannah's advice: Find a balance between focusing on your studies, and having fun! Although the qualification is important, before you know it, you'll be working full-time and time becomes ever more precious. Work hard, AND have fun!

Loughborough University offers undergraduate degrees in

Chemical Engineering