Designing a device as simple as a syringe can result in massive impacts on whole populations. This attracts me to Biomedical Engineering as the impact of changing technologies enables the ability to change vast numbers of people’s lives for the better and this inspires me.

Although all aspects of physics and engineering intrigue me, I am particularly interested in the medical application of these two disciplines. When considering which field I might enter I realized that the only discipline that appealed to me, other than engineering, was medicine. Having researched the crossover between medicine and engineering I decided that bioengineering provided the perfect blend.

Physics is a subject that absolutely fascinates me; I really enjoy observing theoretical ideas being utilized in real-world situations. This passion has led me to be the Physics Student Leader, where I have taken the responsibility of going into physics lessons in the Lower School and helping the younger students.

I feel that theoretical concepts are easier to understand and more easily absorbed when they are tangible

Professionals have confirmed for me that bioengineering is an intellectually challenging field, requiring commitment and motivation. I have always believed in fully devoting myself to all that I do, and with my particular interests and experiences, I feel that only an opportunity to study bioengineering at university will enable me to express my abilities in their entirety.

I like to think that I have the maturity and commitment to succeed at university and believe I will enjoy and rise to the challenges I encounter. I feel I will also add to the university community and have the potential to achieve.