

I am applying for EEM at Oxford because I believe that the course, place and educational system fit my way of working and thinking.

I have always loved to learn, and throughout my time in school I found joy in both humanities and natural sciences. I started out with majors in maths, social science and music, but through my attendance at the European Union Science Olympiad 2008 (EUSO 08) in Cyprus my earlier interest in physics was revitalized and I became aware of my flair and love for natural sciences. Hence I switched to majors in maths, physics and music, since my school IS a song school and I love to play piano and sing in a choir.

Spending a lot of time on physics and maths, I discovered that although it was very exciting to have a share in the vast amount of knowledge, it was the application of the theories and knowledge of real-life-problems that intrigued me the most. I want an education that can satisfy these interests and at the same time give me as many options as possible, and I therefore started looking into studying engineering abroad.

I find the work of engineers, how they figure out solutions for all kinds of problems and develop all kinds of products, be they buildings, electrical systems or chemical products, very fascinating, and I am applying for the joint course EEM, because I believe that I, with this degree, would acquire more diverse skills than with “just” engineering. I would like to gain intimate knowledge of all aspects of the process from production to management to distribution, so that more than just finding the solutions I would also know the way to implement them. In order to do this, economics and management are crucial, since the solutions have to be profitable and organized if they are to be implemented.

I have thought about using my education as an engineer to develop products and partake in projects that aim to make humanity’s impact on earth sustainable, and I am fascinated by the ideas and visions presented in the book “Cradle to Cradle” – I can see myself as part of this with EEM as a sound foundation.

I would like to receive my education in English, so that I can work together with people from all over the world and share knowledge without having language as a barrier. I am not intimidated by the prospect of taking an education in English – during the last five years, a lot of the literature I have read has been in English, and I have already showed that I can more than hold my own academically through my participation in international Olympiads. More than that, I also received an A in mandatory English.

I would like to live on campus and through the collegiate system let university become a part of my life more than just a place to study.

In my last year in high school I got through to the finals of the Danish Geography Olympiad. I won this and therefore got to participate in the iGEO2010 (International Geography Olympiad 2010) held in Taiwan. I had only taken a small interest in geography and had only studied the subject for half a year on the lowest possible level when I became one of the four chosen, among approximately 800 participants, to represent Denmark. A lot of the students I beat had had the subject at a higher level for 2 years, so I think my success in the Olympiad confirms that I am exceptionally skilled at quickly assessing the nature of difficult problems and figuring out the means of finding the solution where the solution itself is not obvious – a trait I think is crucial to an engineer. Part of the competition in Taiwan was an assignment designed to test our observation, analysis and interpretation skills, and I was among the 10 who scored the highest in this out of 104 contestants.

I have performed outstandingly well in every subject in high school – my average mark is higher than A due to an extra course – and I was acknowledged on national television as the best student of my cohort. This strengthens my hopes of admittance to Oxford University.