

Undergraduate - Arts and Sciences (BASc) – UCL

My strong interest in diverse subject areas is what inspires me to apply to an interdisciplinary course.

Last summer I had the opportunity to work at [REDACTED], an advertising agency. This experience revealed to me how many different fields are involved in one industry. One day I was helping the creative department to produce an advert and the next, calculating the exact measurements of company logos. Being able to understand each of these areas and how they relate to one another is something I look forward to. I also had the pleasure of working at [REDACTED] where I measured the dimensions of a historic building in [REDACTED] and later on had to understand local laws to confirm what had to be modified and what could be preserved in a retrofit project. There, I learned how art, mathematics and law combine in a single profession.

Mathematics and physics are of great interest to me, especially the mechanical part of maths and astrophysics. I taught myself further mathematics at AS level and recently read “Who Owns the Future?” by Jaron Lanier and “The Drunkard's Walk” by Leonard Mlodinow, both mathematics and computing related. The first book taught me how mathematics is present in all aspects of life. The latter made me discover a side of mathematics I had not seen; the power of randomness. No matter how precise a prediction, there is always the possibility of a random factor affecting the outcome. This realisation amplified my interest in mathematics, a perfectly rational subject that in some aspects contains a great deal of uncertainty. Studying mathematics and physics as part of the course is something that intrigues me. I look forward to learning more features of these subjects and applying them in real-life situations.

Additionally, languages and psychology are subjects that I'd love to explore at a deeper level. Being born in [REDACTED], living there for [9 years] and moving to [Spain] have broadened my mind in various aspects, cultural awareness being one of them. Due to my fluency in Portuguese, Spanish and English, I have a strong interest in languages and how they correlate. Lack of communication generates innumerable misunderstandings. I am learning ASL (American Sign Language) during my free time in order to broaden my communication skills and also read books in French in an attempt to acquire a fourth language and understand its similarities with other Latin based languages.

Within psychology, narcissism and psychopathy are very intriguing to me. I find it fascinating how a fraction of the population is born with the inability to empathize and have read several articles to increase my knowledge of personality disorders. My interest in psychology is further demonstrated by how I apply it to Fine Art and Music. My Art AS level consisted of portraying dreams and their interpretations through paintings. Researching Sigmund Freud's dream theory expanded my curiosity about the human brain and made me even more eager to understand this subject. Moreover, teaching piano and guitar made me realise the amount of psychology that goes into music. When teaching, I make sure my student understands the lyrics and is able to empathise with the songwriter; songs become meaningless without emotion.

Logic and rationality combined with abstraction and subjectivity is what I seek. This degree

will allow me to expand my knowledge in various areas in which I have a genuine interest and provide me with valuable and varied skills for the future. I am eager to learn and gain a greater knowledge of these subject areas. Achievements are the consequence of hard work and effort, I am determined to provide both.