

Exchange Application International Office

Academic Purpose Statement

Your choice of countries, universities, courses and their connections to your current studies and future career.



I study the Master Program in Chemical Engineering in Material Science at Uppsala University, My visions of my future career after my exam is to work at an international company with research and development of materials for a more sustainable future.

The studies I have completed until now in Uppsala and the courses planned in my master's degree will provide me with a broad chemical engineering knowledge base. To reach my goals for my future I want to broaden my education with courses in environmental science, communication and some specific chemistry courses which is not offered within my program.

I am applying to Universities with a clear sustainable environmental participation and profiles themselves as Universities with an environmental commitment. For example, University of British Columbia has won awards for their sustainability achievements which partly includes the number of environmental courses and researches. This insures a high quality of the courses that I intend to apply which is also confirmed by previous students after reading the exchange reports. UBC Vancouver also has a student collective offering workshops where global climate change and preventive actions is discussed which would be a great opportunity to exchange ideas with engaged students from different countries with different opinions as a complement to the University courses.

I have chosen Universities that offers courses in communication skills as an Engineer, since I want to work at a global company in the future it is necessary that I am comfortable in English as a working language and able to present ideas in an academically correct manner. A reason for study abroad is to experience other Universities pedagogical methods. According to previous students it is more common in the chosen Universities with smaller classes, presentations and discussions. This would develop my presentation and team working skills.

A lot of the courses I've chosen also examines group work which I see as a preparation for future work life as I must cooperate with new students with different academic backgrounds.

The Universities I have chosen offers a highly regarded Materials Science and Engineering Program which hopefully will lead to valuable network possibilities with students and professors in the same subject field that I study in Uppsala. The Universities chosen offers research in the subject area of chemical engineering that I am interested in for a future career. For example, CERC (Clean Energy Research Centre) is a part of University of British Columbia and has several interesting researching projects in line with my future career vision. So this exchange would increase my chances of an interesting PhD-program and a first step to an international career.