

Topic #1 Study Electric Power Engineering – Why?

EH2220 The Sustainable Electric Power Engineer

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I have chosen this Master Program for many reasons. The first reason is because I love electrical engineering. In my family I was always surrounded by engineers and physicist who somehow gave me the opportunity to be closer to the engineering field. Within engineering the branch that I always ended up being more interested in was electrical engineering, due to the innumerable possibilities that gives you to create things. Almost everything nowadays works with electricity (light, cars, computers, washing machines, factories, trains ...) which allows me to investigate and develop my professional career in what I really like. The second reason that I have chosen this Master is due to the possibilities that KTH offers me thanks to the good professors and tight relations with other top universities and international companies within the field of Electrical Engineering as Vattenfall, Fortum, EON, ABB, Scania, Volvo, etc. That it is also one of the reasons why KTH has reached this year the 16th position on the university world ranking within the field of Electrical Engineering.

The population is growing as well as the energy consumption. Furthermore, nowadays we are not producing and consuming energy in a sustainable and efficient way and if we want our next generations to have a good quality of life we should change the way we are producing and consuming energy. My life goal is to help with my knowledge to make it happen and create more efficient transportation systems as the same time that we integrate in the system renewable energies. In the next 3-5 years I see myself developing new concepts and products either in the industry in R&D or at the university.

For this academic year my goals are many, being the most important learn and enjoy during the learning process as much as I can about Electric Power Engineering, be involve in real projects where I can really face real life problems and get more experience in engineering, and improve further my Swedish.

What has surprised me the most at the KTH, is the quality of the professors and the opportunity to have more freedom choosing what I really want to study. Outside campus without any doubt what have surprised me the most is how difficult is to find an accommodation in Stockholm.