

# MOTIVATION

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I am of ANDREWS KWAKU YEBOAH a highly motivated Mathematics teacher at the Senior High School in Ghana. For several years on, I have been teaching Mathematics at both basic school and senior high school respectively. Currently, I would like to continue my education outside my home country to get international exposure and also to explore the opportunities within my chosen field and how it contributes to the Sustainable Development Goals. As a Mathematician, I have always wished to be in a key position to help solve challenges confronted mankind with day to day activities.

I have a strong passion to use Mathematical principles to deal with issues and I think University of Bergen will be an ideal place for such academic discourse. I have excellent communicating skills, attention to details, very hardworking, fast learner and ability to work with little or no supervision. I have the capability to transform very challenging situations and turn them into useful opportunities. Besides, I am ready and willing to learn and accept new offers irrespective of the technical imbalance just to open up to new challenges.

I believe so much in creating a better world for ourselves. and more importantly for the future generations. That is one more reason why I fully share in the Sustainable Development Goals of the United Nations especially about poverty, zero hunger, quality education and reduced inequalities. As a proud resident of the global south (a home of many of these challenges), of course, *if we can achieve and sustain income growth of the bottom 40 percent of the population at a rate higher than the national average; eradicate extreme poverty for all people everywhere; ensure that all girls and boys complete free, equitable and quality primary and secondary education*, then human resource is needed to achieve these targets.

I have the natural drive to work hard towards these sustainable goals for the betterment of my people. And one effective way to empower myself for this exciting task is the development of practical and analytical skills. Fortunately, inverse problem solving, applied analysis, computational science environmental and numerical mathematics which MSc Applied and Computational Mathematics in your faculty offers the chance to develop these skills. I really want to take full advantage of this problem solving program to brace myself for the opportunity to contribute more fully to sustainable development goals whether in the industrial or the educational setting after graduation.

I believe in the statement that; *Modern technology is unthinkable without mathematics. And knowledge of math is necessary to make informed choices about almost any aspect of modern society*. It is true, the best instrument we have at our disposal today is mathematics and that modern technology is improbable without it. That is why I want to tap into this knowledge to help make

inform decisions toward the achievement of the Sustainable Development Goals and to create a better world for all especially in the global south.

I strongly feel my background is very solid to match up the demands this course presents. Coupled with passion, desire, determination, and my experience, I am fully poised to translate my vision into a skill and live my dreams to the full if I am granted the chance to partake in this program.

The feeling of studying at the University of Bergen is indeed heartwarming. This is because the historic city of Bergen has much more to offer besides the impeccable academic reputation; the elite and the multicultural society, the beautiful green and the never fading natural scenery, the famous seven mountains and the awesome fjords, its high sense for security and human welfare, as well as the peace and tranquility that forms part of the fabrics of this city. Indeed, Bergen and Norway is a dream destination of majority of foreign students

I firmly believe that MSc Applied and Computational Mathematics program at your university is the best fit for my goals. I think this is a great chance for me to deepen my knowledge, pursue my passion and contribute more fully to the sustainable development goals, by means of my decision making skills.

Thank you for considering my request. I look forward to your positive response.

Faithfully your

Andrews Kwaku Yeboah