



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

Faculty of Health and Applied Sciences

Department of Natural and Applied Sciences

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7th September 2020

Ms. ALBERTINA SHIWALE
Student no. 217093701

Dear Sir/Madam

RE: Work Integrated Learning for Bachelor of Science Students

This letter serves to provide you with a basic background you may require for the supervision of our students during the Work Integrated Learning (WIL) course. The students registered for the Bachelor of Science are full-time students who undergo three years of education. This particular student is currently studying in his/her third and final year and as such requires successful completion of the WIL course in order to pass the year.

The Bachelor of Science is a major and minor degree programme that aims at providing students with a coherent and systematic introduction to the broad knowledge, theories, principles, concepts and problem-solving techniques in the sub-field of natural sciences. The programme will enable students to acquire cognitive, problem-solving and key transferable skills necessary for addressing a wide range of pressing challenges in relation to Science, Technology, Engineering and Mathematics (STEM) in the current Namibian market and economy. This major and minor science degree provides a platform for developing scientific literacy and for building-up essential scientific knowledge and skills for lifelong learning in STEM. Additionally, the programme is designed to enable students to apply knowledge of the natural sciences to real life situations and appreciate the relationship between science and other disciplines. The programme structure facilitates exposure of students to a variety of disciplines, at least initially, but ultimately requiring specialization in the final year in one major complemented by a component of Work Integrated Learning (WIL).

Additionally, the student shall be submitting a portfolio of evidence that relates directly to the skills performed during the time spent in the field or industry during the WIL course.

Overall, Bachelor of Science programme aims at:

- Producing graduates who have knowledge and experience of a range of topics in modern science and the links between one another;
- Providing a concrete foundation in the respective disciplines, namely: Biology, Chemistry, Physics, and Mathematics for further studies or employment;
- Developing students' skills and experience in communicating and discussing scientific ideas;



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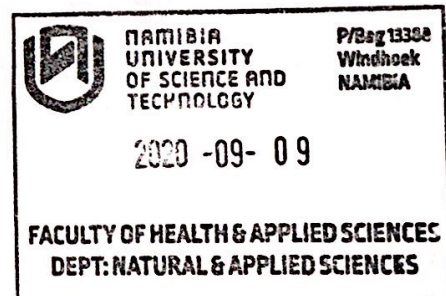
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- Enabling students to appreciate the applications of scientific knowledge through studying the interrelationships of science, technology, society and the environment;
- Producing graduates of the quality sought by industry, the professions, and the public service;
- Providing an intellectually stimulating environment in which students have the opportunity to develop their skills and enthusiasm to the best of their potential;
- Producing graduates with the ability to think scientifically, critically and creatively, and who are able to solve problems individually and collaboratively in science related contexts of social, ethical, economic, environmental and technological significance;
- Preparing students for further studies and careers in Science, Technology, Engineering and Mathematics (STEM).

Please feel free to contact us in the case of any concerns or queries relating to the completion of this course.

Kind Regards

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Dear Sir/Madam

RE: Work Integrated Learning (WIL)

The Department of Natural and Applied Sciences at the Namibia University of Science and Technology (NUST) offers a three year Bachelor of Science (Major and minor in Natural Sciences) programme.

The degree programme has a compulsory component of Work Integrated Learning (WIL) in which students are expected to be placed in various organizations depending on their carrier orientation and also opportunity. The WIL aims to merge theoretical knowledge gained in academic studies to workplace experience by developing relevant professional skills in preparation for future career opportunities.

At the end of WIL, the students are expected to have developed a comprehensive and fair industry skills set which will nurture their behavioral competencies which include among others, self-confidence, communication, initiative, relationship building, technical skills and teamwork.

It is in light of the above narrative that we are writing to your organization requesting for placement of our students majoring in Biology for a limited period (preferably 4-6 weeks). The Internship should be in the areas of Microbiology, Biotechnology, Ecology or Marine Biology. Your help in this exercise will greatly be appreciated.

We look forward to hearing from you soon.

Yours Sincerely,

Prof Habauka M. Kwaambwa
Head of Department

