



### CONTACT DETAILS

To find out more about University of Venda's  
Department of Science Foundation  
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**University of Venda**

*Creating Future Leaders*



**FACULTY OF  
SCIENCE, ENGINEERING  
AND AGRICULTURE**

Department of Science Foundation



## ABOUT THE DEPARTMENT

The University of Venda established the Department of Science Foundation programme to offer an extended curriculum programme (ECP) to students who did not obtain the requisite points in Mathematics, Physical Science and Life Science in grade 12. The main objective of the Science Foundation programme is to prepare these students for mainstream university education by offering them a one-year solid foundation in Physics, Mathematics, Biology, Chemistry, Information Technology and English and Study Skills.

As the Science Foundation Department, we have annual academic field trips (usually one week long) where our students visit areas of interest relevant to their studies and can relate the theory learnt in lectures to the practical outdoor environment.

We also have a special orientation programme specifically designed for our Science Foundation students where the students are properly orientated into the programme and rules and regulations are clearly communicated. We take care of our under-performing students through confidential referrals for one-on-one consultations with the HoD after the first formal assessment in each of the 12 modules offered to ensure their 100% success and progression to mainstream.

Above all, the programme offers a second chance to students who would otherwise not have qualified to study science at university.



## VISION

To prepare students for the extended BSc degree and fulfil the mission of the University.

## MISSION

The Department of Science Foundation is committed to assisting students coming into the extended programme to be well prepared for the mainstream degrees by offering high-quality programmes with experts in Science and English modules. The department strives to contribute to the advancement of skills and endeavours to pursue and create opportunities for excellence in learning opportunities.



## QUALIFICATION OFFERED BY THE DEPARTMENT OF SCIENCE FOUNDATION

The following streams are available within the extended BSc degree:

- Extended BSc (BIOCHEMISTRY AND MICROBIOLOGY)
- Extended BSc (BIOCHEMISTRY AND BIOLOGY)
- Extended BSc (MICROBIOLOGY AND BOTANY)
- Extended BSc (MATHEMATICS AND APPLIED MATHEMATICS)
- Extended BSc (MATHEMATICS AND PHYSICS)
- Extended BSc (MATHEMATICS AND STATISTICS)
- Extended BSc (PHYSICS AND CHEMISTRY)
- Extended BSc (CHEMISTRY AND MATHEMATICS)
- Extended BSc (CHEMISTRY AND BIOCHEMISTRY)
- Extended BSc (CHEMISTRY AND APPLIED CHEMISTRY)
- Extended BSc (BOTANY AND ZOOLOGY)
- Extended BSc (COMPUTER SCIENCE)
- Extended BSc (COMPUTER SCIENCE AND MATHEMATICS)

## MODULES OFFERED IN THE EXTENDED BSC DEGREE

- FGS1140 & FGS1240: Foundation English & Study Skills I & II
- FIT1140 & FIT1240: Foundation Information Technology
- FMT1140 & FMT1240: Foundation Mathematics I & II
- FPH1140 & FPH1240: Foundation Physics I & II
- FCH1140 & FCH1240: Foundation Chemistry I & II
- FBI1140 & FBI1240: Foundation Biology I & II

