

The MathOR Programme is intended as an extra class math programme for strong academic learners from a financially disadvantaged background. The programme will provide professional mathematics tutoring for high potential Grade 8 - 12 learners interested in a mathematics or science based career to supplement their mathematics education received at school. The aim is to increase university readiness by developing a deeper understanding of the prescribed Grade 8 - 12 mathematics syllabus, as well as by giving exposure to advanced topics covered at university level, and to increase the number of high performing students from a disadvantaged background registering for a BCom/BSc (Mathematical Sciences) degree. Upon successful completion of the programme in Grade 12, learners will have the opportunity to apply for a bursary to enrol for a BCom/BSc (Mathematical Sciences) degree with focus area in Operations Research, or alternatively a BCom (Management Sciences) degree with focus area in Business Analytics, and Logistics Management and Transport Economics as electives.

Tutoring classes

Tutors are mainly lecturers and postgraduate students from Stellenbosch University. Tutoring consists of one 2 hour session per week in the afternoon. The Grade 8 – 12 Mathematics curriculum is covered during the tutoring sessions. Additional to the tutoring, lecturers from the Department of Logistics teach on selected topics on an ad hoc basis during the year to introduce all learners in the MathOR programme to the university subject fields: Operations Research, Business Analytics, Logistics Management and Transport Economics. The location of the tutoring classes is at Stellenbosch University. Learners are responsible for their own transport to the university.

Administration

The MathOR programme is managed by Surgor (a Stellenbosch University based research group in Operations Research, situated in the Department of Logistics). Surgor is responsible for marketing, learner interviews and selection, stakeholder engagement, mentoring of the learners, sponsorships and bursaries.

Sponsors

This program is currently jointly sponsored by the SU Department of Logistics (www.sun.ac.za/logistics) and Surgor (www.surgor.org.za).

