

BComHons (Operations Research)

Admission requirements

- A bachelor's degree (NQF level 7) with an average of at least 60% at third-year level for Operations Research;
or
- A qualification considered by the Department of Logistics to be equivalent. If the Operations Research background of the applicant is deemed insufficient by the Department of Logistics, an additional departmental assessment on Operations Research topics on third-year level will be used as an additional admission criterion.

Selection

The number of students selected can be influenced by, for example, staff capacity, availability of resources within the Department as well as academic merit and University transformation objectives. As staff capacity and resources can fluctuate from year to year, the number of students selected can also differ from year to year. Should the number of applicants that meet the minimum requirements exceed the available capacity of the Department, academic merit in primarily Operations Research-related modules and possible additional assessments as requested by the Department will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Apply at www.sun.ac.za/pgstudies. For South African applicants, the closing date is **31 October** of the year before your intended studies, and for international applicants, it is **30 September**.

Duration, offering type and starting date of programme

Duration: One year, full-time.

Starting date: At the latest, one week before the other classes at the University begin.

Programme's mode of delivery

Fully contact (face-to-face).

Enquiries

Programme administrator: Ms Marlene Mostert

Tel: 021 808 2249

E-mail: mmt@sun.ac.za

Website: www.sun.ac.za/logistics

Enquiries will be referred to the correct contact person Programme leader:

Programme leader: Dr Isabelle Nieuwoudt

Department of Logistics

Tel: 021 808 3969

E-mail: isabelle@sun.ac.za

Website: www.sun.ac.za/logistics

Programme content

Programme module

You must earn a total of at least 120 credits for this programme.

Code	Module	Credits	Module Name	Semester
55336	778	120	Operations Research	Both

Compulsory modules (at least 65 credits)

Code	Module	Credits	Module Name	Semester
10906	712	15	Advanced Linear Programming	1
10932	742	15	Inventory Control	2
11047	774	35	Research Assignment: Operational Research	Both

Elective modules (at least 55 credits)

Please note:

It may happen that some of the modules listed below will not be offered in a particular year. Please contact the programme leader to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
64009	771	15	Capita Selecta (Operations Research)	Both
10933	753	15	Forecasting	2
10931	743	15	Game Theory	1
10925	742	15	Location of Facilities	2
12318	713	15	Metaheuristics	1
11907	786	15	Methods of Operational Research	2
40541	774	15	System Dynamics	2

Apart from the modules listed above, you may obtain a maximum of 30 credits from a related field of study that has been approved by the Department of Logistics. For more information, please contact the programme leader.