Stellenbosch
UNIVERSITY
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UNIVERSITEIT

2026

Economic and Management Sciences

Academic programmes and faculty information

Yearbook, Part 10

forward together · sonke siya phambili · saam vorentoe

Accuracy, liability and changes

- Stellenbosch University has taken reasonable care to ensure that the information provided in the Yearbook parts is as accurate and complete as possible.
- Take note, however, that the University's Council and Senate accept no liability for any incorrect information in the Yearbook parts.
- The University reserves the right to change information in the Yearbook parts at any time if necessary.

The division of the Yearbook

- The Yearbook is divided into 13 parts.
- Parts 1, 2 and 3 of the Yearbook contain general information applicable to all students. Make sure that you understand all provisions in Part 1 (General Rules) of the Yearbook that are applicable to you.
- Parts 4 to 13 of the Yearbook are the Faculty Yearbook parts.

Part	Yearbook
Part 1	General Rules
Part 2	Bursaries and Loans
Part 3	Student Fees
Part 4	Arts and Social Sciences
Part 5	Science
Part 6	Education
Part 7	AgriSciences
Part 8	Law
Part 9	Theology
Part 10	Economic and Management Sciences
Part 11	Engineering
Part 12	Medicine and Health Sciences
Part 13	Military Science

Availability of the Yearbook parts

- The electronic versions of the Yearbook parts are available at www.su.ac.za/yearbooks.
- Parts 1 to 12 are available in both English and Afrikaans. Military Science (Part 13) is only available in English.

Table of Contents

How to use this Yearbook part

This section gives you guidelines for finding particular information in the different chapters in this part of the University Yearbook. Consult the table of contents for the page numbers of the chapters referred to below.

1. Where to find information

1.1 Prospective undergraduate students

- The General Information chapter contains information about:
  - The structure of the Faculty with its various departments, schools and centres;
  - The degree and diploma programmes offered in the Faculty;
  - Communication with the Faculty and the University, which includes an explanation of the concepts "application number" and "student number" as well as relevant contact details where you can refer important enquiries to;
  - Language at the University; and
  - The recognition of prior learning and where you can find out more about it.
- The Undergraduate Programmes chapter contains information about:
  - How the University and the Faculty manages undergraduate enrolment numbers, choosing the correct modules for your programme, and other general matters that apply to all the undergraduate programmes;
  - The undergraduate study programmes available in the Faculty;
  - The minimum admission requirements for the various study programmes; and
  - The subjects and modules that must be taken per academic year for the different study programmes, with choices where applicable.
- The Subjects, Modules and Module Contents chapter contains:
  - An explanation of subject and module names and codes;
  - Definitions of prerequisite pass modules, prerequisite modules and corequisite modules; and
  - A description of each of the undergraduate modules that forms part of programmes offered by the Faculty.
- An alphabetical list of undergraduate subjects is available in the back of this Yearbook part.
- Appendix A and Appendix D list the prerequisites for undergraduate modules and postgraduate programmes that you may wish to follow later. Appendix B provides module-specific information that is relevant when you transfer (articulate) from one undergraduate programme to another.

1.2 Prospective postgraduate students

- The General Information chapter contains information about:
  - The structure of the Faculty with its various departments, schools and centres;
  - Communication with the Faculty and the University, which includes an explanation of the concepts "application number" and "student number" as well as relevant contact details where you can refer important enquiries to;
  - Language at the University; and
  - The recognition of prior learning and where you can find out more about it.
- The Postgraduate Programmes chapter contains information about:
  - General matters that apply to all postgraduate programmes and where to find out more;
  - The postgraduate study programmes available in the Faculty;
  - The minimum admission requirements for the various study programmes;
  - Specific information for individual programmes;
  - Each programme's home department and contact details; and
  - The subjects and modules that must be taken for the different study programmes, with choices where applicable.
- Appendix D lists the prerequisite undergraduate modules for postgraduate programmes.

1.3 Registered undergraduate students

- The General Information chapter contains information about:
  - Communication with the Faculty and the University with relevant contact details where you can refer important enquiries to;
  - Language at the University.
- The Undergraduate Programmes chapter contains information about:
  - Assessment and requirements for passing a major subject and for readmission after unsuccessful studies;
  - Dean's Concession Assessments and requirements for final-year students regarding registration at another university for a single outstanding module;
  - The Faculty's undergraduate study programmes and their credit loads; and
  - The subjects and modules that must be taken per academic year for the different study programmes, with choices where applicable.
- The Subjects, Modules and Module Contents chapter contains:
  - An explanation of subject and module names and codes;
  - The abbreviations and definitions used for the teaching loads of individual modules;
  - An indication at each module of what its teaching load is;
  - Definitions of prerequisite pass modules, prerequisite modules and corequisite modules, as well as an indication at each module which of the requisites apply to it, if any.
  - A description of each of the undergraduate modules that forms part of programmes offered by the Faculty.
- An alphabetical list of undergraduate subjects is available in the back of this Yearbook part.
- Appendix A and Appendix D list the prerequisites for undergraduate modules and postgraduate programmes that you may wish to follow later. Appendix B provides module-specific information that is relevant when you transfer (articulate) from one undergraduate programme to another. Appendix C provides information on changing your focal area within the BDatSci programme.

1.4 Registered postgraduate students

- The Postgraduate Programmes chapter contains information about:
  - General matters that apply to all postgraduate programmes and where to find out more;
  - The postgraduate study programmes available in the Faculty;
  - The subjects and modules that must be taken for the different study programmes, with choices where applicable; and
  - The Graduate School of Economic and Management Sciences (GEM).

General Information

1. The Faculty of Economic and Management Sciences

Since its establishment in 1925, the Faculty of Economic and Management Sciences (EMS) has grown from a mere 15 students to more than 8 500 today, making it the largest of the ten faculties at Stellenbosch University. The Faculty encourages the development of ethical, engaged, innovative future leaders and entrepreneurs by producing excellent graduates that are well equipped to serve the business community and society.

1.1 Structure of the Faculty

The Faculty's five academic departments, three schools and two centres are responsible for teaching and research. Twelve research centres, a bureau, a laboratory and an institute further expand this offering. The departments, schools and centres in the Faculty are:

- Africa Centre for Inclusive Health Management
- Centre for Sustainability Transitions
- Department of Business Management,
- Department of Economics,
- Department of Industrial Psychology,
- Department of Logistics,
- Department of Statistics and Actuarial Science,
- School of Accountancy,
- School of Public Leadership (SPL),
- Stellenbosch Business School.

The academic programmes described in this part of the University Yearbook are offered by the departments, schools and centres listed above. Several interdisciplinary programmes run across departments, schools and centres and there are also programmes that are offered in collaboration with other faculties in the University. For this reason, each academic programme is assigned a home department. At the beginning of each of the two chapters describing the undergraduate and postgraduate programmes in the Faculty, you will find a table listing all the programmes and their home departments.

All the departments, as well as the School of Accountancy, are housed at the Stellenbosch campus. The SPL and Stellenbosch Business School are both located in Bellville. Furthermore, some of the programmes offered by the SPL are offered at the Stellenbosch campus and the Sustainability Institute in Lynedoch, outside Stellenbosch. See the programme chapters for specifics.

1.2 Degree programmes of the Faculty

The table below gives a broad outline of the degree programmes offered in the Faculty, showing how degrees follow on each other. See the chapter on postgraduate programmes for the specific fields of specialisation at the various postgraduate levels.

B degrees	BHons degrees	M degrees	D degrees
BCom	BComHons	MCom	PhD
BCom (Management Sciences)	BComHons	MCom	PhD
BCom (Economic Sciences)	BComHons	MCom	PhD
BCom (Mathematical Sciences)	BComHons	MCom	PhD
BCom (Actuarial Science)	BComHons	MCom	PhD
BAcc	BAccHons	MAcc	PhD
BCom (Financial Accounting)	BComHons*	MCom*	PhD
BCom (Management Accounting)	BComHons	MCom	PhD
BCom (Industrial Psychology)	BComHons	MCom	PhD
BCom (International Business)	BComHons	MCom	PhD
BCom (Law)	BComHons	MCom	PhD
BAccLLB	BAccHons	LLM *or* MAcc	LLD *or* PhD
BDatSci		MCom	PhD
		MBA	PhD
	BPubAdminHons	MPA	PhD

* This programme is not currently offered.

1.3 Diploma programmes of the Faculty

- Diploma in Public Accountability
- Diploma in Sustainable Development
- Advanced Diploma in Public Accountability
- Advanced Diploma in Sustainable Development
- Postgraduate Diploma in Accounting
- Postgraduate Diploma in Actuarial Science
- Postgraduate Diploma in Business Management and Administration
- Postgraduate Diploma in Development Finance
- Postgraduate Diploma in Environment Management
- Postgraduate Diploma in Financial Planning
- Postgraduate Diploma in Future Studies
- Postgraduate Diploma in HIV/Aids Management
- Postgraduate Diploma in Leadership Development
- Postgraduate Diploma in Marketing
- Postgraduate Diploma in Project Management
- Postgraduate Diploma in Public Finance Management
- Postgraduate Diploma in Strategic Human Resource Management
- Postgraduate Diploma in Sustainable Development
- Postgraduate Diploma in Transport and Logistics

2. How to communicate with the Faculty

2.1 Important contact details of the Faculty

The Faculty's direct contact details appear in the following table. Please send correspondence electronically to the e-mail addresses provided. For general enquiries, or if you do not know who specifically to contact in the Faculty, please ask the University's client services centre: 021 808 9111 or info@sun.ac.za.

	Telephone number	E-mail address
Faculty Management		
Dean		
Prof Reza Daniels	021 808 2248	deanems@sun.ac.za
Personal Assistant		
Ms Bernadette Petersen	021 808 9564	bernadettepetersen@sun.ac.za
Vice-Dean (Learning and Teaching)		
Prof Ada Jansen	021 808 2737	ada@sun.ac.za
Vice-Dean (Research, Postgraduate Affairs and Internationalisation)		
Prof Dieter von Fintel	021 808 2242	dieter2@sun.ac.za
Faculty Director		
Mr MJ Brooks	021 808 2078	mjbrooks@sun.ac.za
Enquiries		
General Enquiries		
Client Service Centre	021 808 9111	info@sun.ac.za
Faculty Administrator		
Ms Asanda Molisi	021 808 9111	registrarems@sun.ac.za
Mr Evan Fransman	021 808 9111	registrarems@sun.ac.za
Ms Lauren Delport	021 808 9111	registrarems@sun.ac.za
Mr Meyrick Balie	021 808 9111	registrarems@sun.ac.za
Ms Nadia Cassiem	021 808 9111	registrarems@sun.ac.za

Student Academic Advisor		
Ms Ilse Frans	021 808 9525	emsinfo@sun.ac.za
Departments		
Department of Business Management		
Chairperson		
Prof Gert Human	021 808 2218	ghuman@sun.ac.za
Secretary		
Ms Lorraine Cilliers	021 808 2026	lorrainecilliers@sun.ac.za
Department of Economics		
Chairperson		
Prof Sophia du Plessis	021 808 2204	sophia@sun.ac.za
Secretary		
Ms Ina Kruger	021 808 2247	gmkruger@sun.ac.za
Department of Industrial Psychology		
Chairperson		
Prof Crystal Hoole	021 808 3001	choole@sun.ac.za
Secretary		
Ms Portia Adonis	021 808 3012	indpsych@sun.ac.za
Department of Logistics		
Chairperson		
Prof Linke Potgieter	021 808 2492	lpotgieter@sun.ac.za
Senior Administrative Officer		
Mr Jacquin Flandorp	021 808 3911	jacquin@sun.ac.za
Department of Statistics and Actuarial Science		
Chairperson		
Prof Justin Harvey	021 808 9082	jharvey@sun.ac.za
Secretary		
Ms Elizna Huysamen	021 808 3244	krugere@sun.ac.za
Schools		
School of Accountancy		
Director		
Prof Pieter von Wielligh	021 808 3846	pvw@sun.ac.za
Secretary		
Ms Liesl de Villiers	021 808 3889	ldevilliers@sun.ac.za
School of Public Leadership (SPL)		
Director		
Prof Zwelinzima Ndevu	021 918 4129	zwelinzima@sun.ac.za
Reception (SPL, Bellville)		
Ms Sharon Sheldon	021 918 4122	sharon.sheldon@spl.sun.ac.za
Secretary (Perold Building, Stellenbosch)		
Ms Adell Rhode	021 808 2195	athomas@sun.ac.za
Stellenbosch Business School		
Senior Director		
Prof Chris van der Hoven	021 918 4288	crvd@sun.ac.za
Secretary		
Ms Jeanne Kuhn	021 918 4288	jeannek@stellenboschbusiness.ac.za

Research and Service Bodies		
Africa Centre for Inclusive Health Management		
Director		
Dr Munya Saruchera	021 808 3755	msaruchera@sun.ac.za
Secretary		
Ms Bianca Jacobs	021 808 3006	bianca@sun.ac.za
African Centre for Development Finance (ACDF)		
Director		
Dr Elizabeth Nanziri	021 918 4255	elizabethn@stellenboschbusiness.ac.za
Allan Gray Centre for Africa Entrepreneurship		
Director		
Dr Phumlani Nkontwana	021 808 4338	pnkontwana@spl.sun.ac.za
Secretary		
Ms Tyra Cole	021 808 2084	tyracole@spl.sun.ac.za
Anti-Corruption Centre for Education and Research of Stellenbosch University (ACCERUS)		
Director		
Prof Pregala Pillay	021 808 3602	pregala@spl.sun.ac.za
Bureau for Economic Research (BER)		
Director		
Prof Johann Kirsten	021 808 9754	jkirsten@sun.ac.za
Contact person		
Ms Celeste Booysen	021 808 9772	cbooysen@sun.ac.za
Centre for Competition Law and Economics		
Contact person		
Prof Willem Boshoff	021 808 2387	wimpie2@sun.ac.za
Centre on Conflict and Collaboration		
Director		
Prof Brian Ganson	021 918 4287	bganson@sun.ac.za
Contact person		
Ms Surita Basson	021 918 4228	sbasson@stellenboschbusiness.ac.za
Centre for Corporate Governance in Africa		
Director		
Prof Nicolene Wesson	021 918 4468	nwesson@stellenboschbusiness.ac.za
Secretary		
Ms Surita Basson	021 918 4228	sbasson@stellenboschbusiness.ac.za
Centre for Household Finance		
Director		
Dr Jesse Naidoo	021 808 2241	jnaidoo@sun.ac.za
Centre for Local Governance		
Director		
Prof Tania Ajam	021 918 4124	tajam@spl.sun.ac.za
Contact person		
Mr Johnny Douglas	021 918 4122	johnnyd@spl.sun.ac.za
Centre for Multi-Dimensional Data Visualisation		
Contact person		
Prof Sugnet Lubbe	021 808 3024	slubbe@sun.ac.za
Centre for Responsible Leadership Studies (Africa)		
Contact person		
Prof Mias de Klerk	021 918 4139	mias@stellenboschbusiness.ac.za

Centre for Statistical Consultation		
Director and contact person		
Prof Martin Kidd	021 808 2561	mkidd@sun.ac.za
Centre for Sustainability Transitions		
Co-Director		
Ms Nina Callaghan	021 808 9607	ninac@sun.ac.za
Co-Director		
Prof Reinette Biggs	021 808 9607	oonsie@sun.ac.za
Contact person		
Ms Amanda October	021 808 9607	aaoctober@sun.ac.za
Institute for Futures Research (IFR)		
Director		
Ms Doris Viljoen	021 918 4156	doris@ifr.sun.ac.za
Contact person		
Ms Heilet Bertrand	021 918 4151	heiletb@ifr.sun.ac.za
Laboratory for the Economics of Africa's Past (LEAP)		
Director		
Prof Johan Fourie	021 808 3590	johanf@sun.ac.za
Enquiries		
	021 808 3590	leap@sun.ac.za

2.2 Faculty webpages

For more information on the Faculty of Economic and Management Sciences, including links to the webpages of the various divisions, visit https://www.su.ac.za/en/faculties/economy.

3. How to communicate with the University

3.1 Prospective students

- The University allocates an application number to you (for example APP/1234567) when you apply to study at the University.
- The application number is a unique number to identify you and to simplify future communication with the University regarding all your programme applications in a given year.
- Use your application number every time you communicate with the University

3.2 Current or former Stellenbosch University students

- The University allocates a student number to you when you are admitted to a programme and register at the University.
- The student number is a unique number to identify you and to simplify future communication with the University.
- Use your student number every time you communicate with the University.

3.3 Contact details for enquiries about your studies, bursaries and loans, and residence placements

E-mail: info@sun.ac.za
Telephone: 021 808 9111
Visit Stellenbosch University's website at www.su.ac.za.

4. Language at the University

Stellenbosch University (SU) is committed to engagement with knowledge in a diverse society and through the Language Policy aims to increase equitable access to SU for all students and staff. Multilingualism is promoted as an important differentiating characteristic of SU. Afrikaans, English, and isiXhosa are used in academic, administrative, professional, and social contexts. Pedagogically sound teaching and learning are facilitated by means of Afrikaans and English.

More information concerning language at SU is available on the website https://www.su.ac.za/en/about/multilingualism.

5. Recognition of prior learning (RPL) and credit accumulation and transfer (CAT)

For some programmes, the Faculty may admit a limited number of students who do not comply with the set admission requirements for that programme, but who possess proven comparable competencies (this process falls under recognition of prior learning (RPL)). It is also possible to transfer some credits from other higher education institutions if the requirements are met (this process falls under credit accumulation and transfer (CAT)).

As first steps in the RPL/CAT processes, you can consult the University and the Faculty RPL/CAT regulations, respectively:

- Click here for SU's recognition of prior learning (RPL) and credit accumulation and transfer (CAT) policy.
- Click here for the Faculty's recognition of prior learning (RPL) and credit accumulation and transfer (CAT) policy.

Some environments, like the School of Public Leadership, Centre for Sustainability Transitions (CST), Department of Industrial Psychology and the Stellenbosch Business School have further criteria that form part of the Faculty's procedures. These must be read in conjunction with the University's RPL/CAT regulation. For more information, please contact the relevant environment directly.

Please note that approval in terms of the RPL/CAT regulations requires quite a lot of additional submissions and information, and also takes time. Furthermore, and depending on your profile, environments may prescribe additional work for you to do before they will consider your RPL/CAT application.

Note that these regulations of the University and the Faculty are currently under review.

Undergraduate Programmes

1. General information for all undergraduate programmes

1.1 Summary of undergraduate programmes and their credit loads

The table below summarises the undergraduate programmes in the Faculty and the minimum credits to be earned for each of them. Refer to the individual programme descriptions further on in this chapter for more detail.

Please note that **only the minimum required number of credits** is listed in the table. The actual number of credits required for degree purposes will be determined by your particular module combination and the accompanying prerequisite, corequisite and prerequisite pass module requirements.

Programme *Home department*	1st year	2nd year	3rd year	4th year	5th year	Total credits
Diploma programmes						
Dip (Public Accountability) *School of Public Leadership*	120	120				240
Dip (Sustainable Development) *School of Public Leadership*	120	120	120			360
Advanced Diploma programmes						
Advanced Diploma in Public Accountability *School of Public Leadership*	120					120
Advanced Diploma in Sustainable Development *School of Public Leadership*	120					120
Broad degree programmes						
BCom *Dept of Business Management*	120	120	120			360
BCom (Management Sciences) *Dept of Business Management*	126	128	120			374
BCom (Economic Sciences) *Dept of Economics*	120	128	120			368
BCom (Mathematical Sciences) *Dept of Statistics and Actuarial Science*	128	128	120			374
BCom (International Business) *Dept of Business Management*	120	144	132	120		516
BDatSci *Various faculties and departments*	120	128	128	122		498
Professional degree programmes						
BCom (Actuarial Science) *Dept of Statistics and Actuarial Science*	154	136	144			434
BCom (Financial Accounting) *School of Accountancy*	120	127	143			390
BCom (Industrial Psychology) *Dept of Industrial Psychology*	138	128	144			410
BCom (Management Accounting) *School of Accountancy*	120	128	143			391
BAcc *School of Accountancy*	138	156	158			452

Programme *Home department*	1st year	2nd year	3rd year	4th year	5th year	Total credits
Degree programmes that include studies in law						
BCom (Law) *(for students who started in 2022 or later)* *Faculty of Law*	144	130	150			424
BCom (Law) *(for students registered before 2022)* *Faculty of Law*	160	144	154			458
BAccLLB *(for students who started in 2022 or later)* *School of Accountancy & Faculty of Law*	162	151	168	170	172	823
BAccLLB *(for students registered before 2022)* *School of Accountancy & Faculty of Law*	168	158	174	176	176	852
Bachelor's programme offered over four years (ECP)						
BCom (Management Sciences) ECP *Dean's Office*	98	104	102	120		424

1.2 Summary of the minimum admission and selection requirements for undergraduate programmes in 2026

This section gives an overview of the minimum admission requirements for all the undergraduate programmes in the Faculty of Economic and Management Sciences. It also briefly points out where a programme follows a programme-specific selection process. However, please note that all applications undergo a general selection process. Therefore, even if you meet the minimum admission requirements of a programme, you may not be admitted to that programme. See the section "How the University manages undergraduate enrolment numbers" below for the reasons behind selection. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Marks obtained for the school-leaving certificate of the Independent Examinations Board (IEB) are equivalent to marks obtained for the National Senior Certificate (NSC) and both are certified through Umalusi. Therefore, your IEB marks need not be converted to NSC marks for the sake of the Faculty's minimum admission requirements – IEB marks can be used as they are instead of NSC marks.

Abbreviations used

EMS: Economic and Management Sciences

NSC: National Senior Certificate

Minimum EMS language admission requirements*

* These language requirements apply to most of the undergraduate degree programmes. In the requirements below, they are marked with an asterisk (*) to refer you back here.

One of the following:

- Afrikaans Home Language 50% *or*
- English Home Language 50% *or*
- Afrikaans First Additional Language 70% *or*
- English First Additional Language 70%

Dip (Public Accountability)

Admission requirements

- A NSC with one of the following:
  - At least Level 3 (40%) in English (the language of learning and teaching) *and* in **three** other NSC subjects, excluding Life Orientation; *or*
  - At least Level 2 (30%) in English (the language of learning and teaching) *and* at least Level 3 (40%) in **four** other NSC subjects, excluding Life Orientation, *plus* three years relevant work experience;

  or
- Any higher education qualification that you have successfully completed, in other words a higher certificate, diploma or degree.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

If there are more applicants who meet the admission requirements than the School has capacity for, further selection criteria and processes will be applied.

Dip (Sustainable Development)

Admission requirements

- An overall NSC average of at least 55%, excluding Life Orientation
- Mathematics 50% *or*
- Mathematical Literacy 60% *or*
- Mathematics 40% *or* Mathematics Literacy 50% *and* 60% for Business Studies *or* Economics *or* Accounting
- English Home Language 50% *or*
- English First Additional Language 60%

Selection

A selection process is followed internally by the School of Public Leadership. The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

A committee selects applicants based on a combined score. The combined score is derived from your academic merit (NSC average), and the interest and experience you demonstrate in key areas (indicated in the departmental application form). Key areas include sustainable development, social and environmental justice, entrepreneurial mindset, creativity and leadership.

Advanced Dip (Public Accountability)

Admission requirements

- A Diploma in Public Accountability (240 credits) *plus* work-integrated learning (WIL) (120 credits);

  or
- Any public-sector-related diploma or degree;

  or
- A diploma or degree in any field *with* relevant work experience and training in the public sector. Your work experience and training will be determined by means of the recognition of prior learning (RPL) processes.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

If there are more applicants who meet the admission requirements than the School has capacity for, further selection criteria and processes will be applied.

Advanced Dip (Sustainable Development)

Admission requirements

- A diploma (NQF level 6) or bachelor's degree (NQF level 7) from a recognised tertiary institution in subjects/fields aligned with the focus of the Advanced Diploma, for example sustainable development, entrepreneurship, business studies, economics or innovation.

Further requirement

- Access to a computer and stable internet connection for online learning.

Selection

A selection process is followed internally by the School of Public Leadership. The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

A committee selects applicants based on a combined score. The combined score is derived from your academic merit, and the experience you demonstrate in key areas. Key areas include sustainable development, social and environmental justice, entrepreneurial mindset, creativity and leadership.

BCom (Economic Sciences), BCom (Management Sciences) and BCom (Industrial Psychology)

Admission requirements

- Overall NSC average of at least 65%, excluding Life Orientation
- Mathematics 60%
- Minimum EMS language admission requirement*

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

BCom (Financial Accounting) and BCom (Management Accounting)

Admission requirements

- Overall NSC average of at least 65%, excluding Life Orientation
- Mathematics 60%
- Minimum EMS language admission requirement*

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

BCom (Management Sciences) Extended Curriculum Programme (ECP)

Admission requirements

- Overall NSC average of at least 60%, excluding Life Orientation
- Mathematics 50%
- Minimum EMS language admission requirement*

Selection

You must meet the above minimum admission requirements for the ECP, and you will get preference if you also meet the socio-economic status (SES) requirements of the University's admission policy and the SES level determined by the University.

Approximately 100 students can be accommodated in the programme each year. The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Please note:

- Only South African citizens can register for this programme.
- If you have repeated any of your Grade 12 subjects (NSC or equivalent curriculum) to improve your marks (either through a bridging programme or in any other way), you are not allowed to register for the ECP.

BCom (International Business)

Admission requirements

- Overall NSC average of at least 80%, excluding Life Orientation
- Mathematics 70%
- English Home Language 70% *or*
  English First Additional Language 80%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Please note: It is only possible to transfer to this programme if (1) you meet the minimum admission requirements and the selection criteria and (2) the maximum number of enrolments have not been reached yet. If you wish to transfer to this programme and you meet the minimum admission requirements above, please e-mail your request to Ms Lauren Delport for consideration (registrarems@sun.ac.za).

BCom (Actuarial Science)

Admission requirements

- An NSC average of at least 80% based on the six best subjects, excluding Life Orientation
- Mathematics 80%
- Home Language 60%
- If the Home Language (in the requirement above) is not English, then also English First Additional Language 75%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

BCom (Mathematical Sciences)

Admission requirements

- Overall NSC average of at least 70%, excluding Life Orientation
- Mathematics 75%
- Minimum EMS language admission requirement*

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

BDatSci

Admission requirements

- Overall NSC average of at least 80%, excluding Life Orientation
- Mathematics 80%
- One of the following:
  - Afrikaans Home Language 60% *or*
  - English Home Language 60% *or*
  - Afrikaans First Additional Language 75% *or*
  - English First Additional Language 75%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

BAcc

Admission requirements

- Overall NSC average of at least 70%, excluding Life Orientation
- Mathematics 70% *or*
  Mathematics 60% and Accounting 70%
- Minimum EMS language admission requirement*

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

BCom (Law)

Admission requirements

- Overall average of at least 70%, excluding Life Orientation, in the National Senior Certificate (NSC) *or* Independent Examinations Board (IEB) school-leaving certificate.
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 60% *or*
  - English Home Language 60% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

Selection for this programme is done by the the Faculty of Law.

The Faculty of Law uses the results of the National Benchmark Test (NBT) for selection. If you want to apply for admission to the BCom (Law) programme, you must write the Academic and Quantitative Literacy Test (AQL) and the Mathematics Test (MAT). You must write these tests before **31 July**, and you can do so countrywide at various centres. Visit the NBT website, www.nbt.ac.za, or the SU website www.maties.com for more information.

BAccLLB

Admission requirements

- Overall average of at least 80%, excluding Life Orientation, in the National Senior Certificate (NSC) *or* Independent Examinations Board (IEB) school-leaving certificate
- Mathematics 70% *or*

  Mathematics 60% and Accounting 70%
- One of the following:
  - Afrikaans Home Language 60% *or*
  - English Home Language 60% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

Selection for this programme is done by the Faculty of Law.

The Faculty of Law uses the results of the National Benchmark Test (NBT) for selection. If you want to apply for admission to the BCom (Law) programme, you must write the Academic and Quantitative Literacy Test (AQL) and the Mathematics Test (MAT) You must write these tests before **31 July**, and you can do so countrywide at various centres. Visit the NBT website, www.nbt.ac.za, or the SU website www.maties.com for more information.

1.3 How the University manages undergraduate enrolment numbers

The University Council sets annual targets for the fields of study and diversity profile of the student body of the University, and for the total number of students at Stellenbosch University. The University then manages all the enrolments from prospective undergraduate students to reach these targets and to ensure that the total number of enrolments falls within the available capacity.

Because the University manages enrolments strategically and purposefully, places at the University, and therefore at the Faculty, are limited. This means that, even if you meet the minimum admission requirements of your chosen programme, you will not necessarily gain admission to the Faculty of Economic and Management Sciences.

Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the **selection criteria** applied by the Faculty.

You will find more details about the **selection procedures and minimum admission requirements** for a specific undergraduate programme at the description of that programme, further down in this chapter.

1.4 National Benchmark Tests (NBTs)

The NBTs are independent tests that higher-education institutions, like universities, use for assessing first-year applicants. The NBTs are designed to measure whether you will be able to transfer your academic literacy (language skills), quantitative literacy (numerical skills) and mathematical knowledge to your tertiary (higher-education) studies.

If you fall into one of the following categories, you must write the NBTs as indicated:

1. School of Tomorrow:

   As a School of Tomorrow applicant, you must write **all** the NBTs, and you must do so before the end of the year that precedes your intended enrolment, to ensure that your results are available in time for registration.

2. Faculty of Law:

   The Faculty of Law uses the results of the NBTs for selection, and you must write the following tests before **31 July.**

   - BCom Law and BAccLLB - Academic and Quantitative Literacy (AQL) and Mathematics (MAT)

You can write the NBTs countrywide at various centres. Visit the NBT website, www.nbt.ac.za, or the SU website www.maties.com for more information.

1.5 Application procedure and closing date

All the undergraduate programmes in the Faculty have the same application procedure and closing date, unless otherwise specified (see the relevant programme entries for more information):

- Apply electronically at www.maties.com in the year before your intended studies. Applications open in April. Please note that for the Diploma in Sustainable Development, you must also complete a departmental application form.
- All applications close on **31 July**, except for the Diploma and the Advanced Diploma in Public Accountability, which close **15 December** and the Advanced Diploma in Sustainable Development, which closes **30 September**.
- The closing dates mean that your application must be finalised, and **all** documentation handed, in by these dates. No applications that reach the University after the closing date will be accepted.

1.6 Choosing the right modules for your programme and e-registration

You must make sure that you choose the right number of credits as required for obtaining your degree (see the table above under "Summary of undergraduate programmes and their credit loads" for the minimum credits required per year). You must also make sure that you take the correct prerequisite, corequisite and prerequisite pass modules every year. The table in Appendix A can help you with this.

If you are considering postgraduate studies after obtaining your qualification, you must make sure that you take the necessary undergraduate modules for the postgraduate programme that you have in mind. Consult the table in Appendix D for the required undergraduate modules for specific postgraduate programmes.

1.6.1 Focal areas and other module combinations

The objective of focal areas is to help you choose a specific career focus within a broad programme. The focal area is not a programme, and its module combination is only a recommendation so you can make more focused module choices. If you complete all the compulsory modules in a focal area (as indicated in this Yearbook part for each year of study), the focal area will be indicated on your academic transcript. Please refer to Appendix C for the programme-specific requirements of the BDatSci programme as regards transferring (articulating) between focal areas.

Please note: If you wish to choose elective modules from the general programme, you must check that the timetables allow for your selection. You will also have to register in person with the faculty administrators on the day of assisted registration. See 1.6.2 below for more on timetable clashes.

1.6.2 Timetable clashes

Before making your final choice of modules for a specific academic year, you should closely check the relevant class and assessment timetables. If two modules fall in the same time slot on any timetable, you may only register for one of the modules, even though the electronic system might allow you to register for both of them.

From a timetable perspective, we encourage you to choose the complete set of modules that is in a particular subject group. For example, choose Industrial Psychology 114 *and* 144; Economics 214 *and* 244; Financial Management 314, 332, 352 *and* 354 to avoid timetable clashes. If you choose modules from different subject groups, the possibility of timetable clashes increases. In such cases you should test your module combination on the SU timetable system before making your final selection: visit My.SUN (link at the top of the SU and Maties websites) and find the timetables under the "Studies" tab.

1.7 Occasional modules

There are restrictions on the taking of occasional modules (for non-degree purposes). See the relevant subheadings under "Admission and Registration" and "Assessments and Promotions" in Part 1 (General Rules) of the Yearbook.

1.8 Undergraduate assessment

1.8.1 Assessment rules

The Faculty undergraduate assessment rules, together with the Stellenbosch University assessment rules apply to all modules:

- For the assessment guidelines of a specific module, you can consult that module's module framework.
- For the Faculty's undergraduate assessment rules, click here.
- For more information and the general rules on assessment, see Part 1 (General Rules) of the Yearbook, under "Assessments and Promotions".

1.8.2 Requirements for passing a major subject

A major subject starts in the second year of study and continues in the third year. In the third year each major consists of a combination of third-year modules with a total credit value of at least 48, except for the following subjects where the minimum total credit value is 64:

- Actuarial Science,
- Computer Science,
- Operations Research,
- Mathematical Statistics, and
- Mathematics.

Please note: Financial Management 214 and Investment Management 254 in your second year, along with Investment Management 314, 324, 344 and 349 in your third year, will be regarded as a major.

1.9 Faculty of Economic and Management Sciences Seasonal Schools

The Faculty of Economic and Management Sciences **may** offer seasonal schools (either summer or winter schools). Seasonal schools are offered as further-opportunity modules and will appear on the academic transcript as a separate entry. The seasonal modules do not replace their semester and/or year module equivalents. The faculty **may** offer seasonal schools for the following modules:

- Economics 114
- Economics 144
- Financial Accounting 178
- Financial Accounting 179
- Financial Accounting 188
- Financial Accounting 278
- Theory of Interest 142

The purpose of the seasonal schools is to give students who failed a module in the preceding semester(s) or year, a chance to pass the module without having to register for the module again in the following semester or year. If you are such a student, you may be permitted to register for the seasonal school module.

You only qualify to participate in a seasonal school if you have achieved a specific (fail) mark for the module. This mark is set out in the seasonal school admission requirements for the module.

Seasonal schools are not meant for improving your mark; therefore you cannot participate in them if you have already passed the module. BCom (Actuarial Science) students are the only exception to this rule; they may be permitted to register for the seasonal school for Financial Accounting 188.

If you qualify for a seasonal school, you will receive an e-mail with registration information. It is your responsibility to successfully register and pay the fees by the deadline.

Please note:

- It is possible that no seasonal school will be offered in a particular module in a particular year. The responsible academic environment decides whether a seasonal school will be offered in a particular year. You do not have the right to demand a seasonal school in any particular academic year.
- Seasonal schools usually run in January and in the mid-year recess every year.
- You cannot enrol for two seasonal schools taking place at the same time.
- Seasonal schools are presented face-to-face on campus and/or online. The department decides the mode of provision.
- All learning activities, lectures and assessments for the seasonal school are compulsory. If you were absent from any learning activities, lectures or assessments, you will not get a final mark.

- To pass a module by means of a seasonal school, you must achieve a final mark of at least 50%. Final marks are not capped at 50%.
- If you register for a seasonal school, you may also apply for readmission, if necessary. Note that passing the seasonal school does not guarantee readmission. For more information on readmission after unsuccessful studies please consult Part 1 (General Rules) of the Yearbook.
- There are limited spaces available in every seasonal school. Registration closes once the maximum number has been reached.
- The language specification of the seasonal school depends on the following:
  - the module specification stated in the Language Implementation Plan of the Faculty and the language specification of the associated mainstream module,
  - the availability of academic staff, and
  - the number of students who choose to attend the school in English or Afrikaans.
- If you attend the seasonal school, you must make your own accommodation arrangements. Stellenbosch University may make accommodation available, for which you must pay if you use it.

Please contact the module coordinator for more information about seasonal schools.

1.10 Dean's Concession Assessments (DCAs)

Please refer to the Yearbook Part 1 (General Rules), section 7, for the rules for Dean's Concession Assessments (DCAs).

Please note: The modules in the table below do not offer DCAs.

Environment	Subject Code	Subject	Modules
Department of Business Management	13353	Exchange Semester	342(60)
Department of Economics	14696	Data Science Research in Behavioural Economics	471(40)
Department of Logistics	14695	Data Science Research in Analytics and Optimisation	471(40)
	12318	Metaheuristics	441(15)
	11907	Methods of Operations Research	441(15)
Department of Statistics and Actuarial Sciences	14697	Data Science Research in Statistical Learning	471(40)
School of Accountancy	59277	Business Ethics	214(8)
	14523	Digital- and Leadership Acumen	122(6), 142(6), 152(6),
	14523	Digital- and Leadership Acumen	212(6), 245(6), 246(6)
	14523	Digital- and Leadership Acumen	312(8), 352(8)
	26883	Financial Accounting	178(24)
	26883	Financial Accounting	278(30)
	26883	Financial Accounting	379(45), 389(48)
	10812	Management Accounting	378(36), 388(48)
	14927	Portfolio of Evidence	378(2)
	18287	Taxation	399(36)
School of Public Leadership	14521	Internship	379(40)
	13786	Social Entrepreneurship	278(40), 379(40)
Faculty of Economic and Management Sciences	11569	Academic Literacy for Economic and Management Sciences	111(12)
	12298	Introduction to Economics	141(12)
	11580	Mathematics for EMS	171(18)

1.11 Readmission after unsuccessful studies

Please refer to the Yearbook Part 1 (General Rules) for the rules for readmission.

1.12 Registration for non-degree purposes at another university

- **You must** register at Stellenbosch University for the final year in which your studies will be completed. Therefore, if you are completing a single outstanding module at another university in a given year to obtain your degree at the end of that year, you must be registered at both universities simultaneously.
- **You may not** simultaneously register for modules at more than one university to obtain the same qualification.
- **You may not** register at different universities for more than one qualification.
- If you are enrolling for a final-year module at another higher education institution **you must** have failed the module after the official assessment opportunities at Stellenbosch University (final mark<50%). In such a case you will not register at another higher education institution to obtain a degree, but only to complete the outstanding module.
- As a final-year student **you may** register for a single module at another higher education institution if the relevant department in the Faculty has approved and authorised the specific module and/or content and it is recognised by Stellenbosch University.

1.13 Recognition of completed module credits for more than one degree

No more than 50% of the credits for modules completed for one degree can be accumulated or transferred to another degree. Credit accumulation and transfer (CAT) will not automatically be granted. You must apply for CAT where applicable. Please click here to see the Faculty's Supplement to Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) Procedures for more information on the process to follow in order to apply for CAT.

1.14 Leave of absence from academic activities

For the general University rules regarding absence from academic activities, please refer to section 12 under "Admission and Registration" in Part 1 (General Rules) of the Yearbook. In addition to these general rules, the Faculty enforces the following for all undergraduate students:

- No additional assessments will be scheduled, nor will extensions for submitting assessments be granted, beyond the Faculty's undergraduate assessment rules (see the heading "Undergraduate assessment" in this chapter).
- It is your responsibility to catch up on any missed academic activities. Lecturers are not obligated to recreate learning opportunities for absent students.
- The Faculty does not require you to report short-term absences (1–2 days) or submit medical certificates for such absences. However, you are expected to independently manage any missed assessments or deadlines as no concessions will be made in this regard.
- You may choose to reduce your academic workload by registering for fewer modules, thereby extending the duration of your studies beyond the minimum time normally required for the programme. Modules must be completed in the academic semester in which they are offered. If a leave of absence is prolonged or significantly affects your ability to complete required work and assessments, the Faculty advises that you interrupt your studies through the formal route. For more on interruption of studies, please refer to section 13 under "Admission and Registration" in Part 1 (General Rules) of the University Yearbook.

1.15 Enquiries about undergraduate programmes

To find out more about admission, selection and registration procedures, module options, and credit requirements, contact one of the faculty administrators at registrarems@sun.ac.za or 021 808 9111.

If you have queries about specific modules, you are welcome to contact the Faculty's student academic advisor, Ms Ilse Frans at emsinfo@sun.ac.za.

2. Undergraduate Diploma Programmes

2.1 Diploma in Public Accountability

Admission requirements

- A National Senior Certificate (NSC) with one of the following:
  - At least Level 3 (40%) in English (the language of learning and teaching) *and* in **three** other NSC subjects, excluding Life Orientation; *or*
  - At least Level 2 (30%) in English (the language of learning and teaching) *and* at least Level 3 (40%) in **four** other NSC subjects, excluding Life Orientation, *plus* three years relevant work experience;

  or
- Any higher education qualification that you have successfully completed, in other words a higher certificate, diploma or degree.

Recognition of prior learning (RPL) and credit accumulation and transfer (CAT)

If you have successfully completed accredited courses, such as the unit standards of the Municipal Minimum Competence Programme, you may apply for transfer of those credits (CAT). Credits up to a maximum of 50% of the credit value of the Diploma in Public Accountability may be transferred. A successful CAT application could reduce the minimum duration of the programme by a year.

For more information on RPL and CAT, see the chapter "General Information" at the beginning of this book.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

If there are more applicants who meet the admission requirements than the School has capacity for, further selection criteria and processes will be applied. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria applied by the Faculty of Economic and Management Sciences.

Application procedure and closing date

You must apply at www.maties.com – only online applications will be accepted. Apply by **15 December** of the year before your intended studies.

Duration and offering type of programme

Full-time (minimum two years).

Programme's mode of delivery

Hybrid learning.

Further study possibilities

After completing the Diploma in Public Accountability (240 credits) *and* work-integrated learning to the equivalent of 120 credits, you may apply for admission to the one-year Advanced Diploma in Public Accountability.

Programme structure

For the first year of study, you must attend two contact weeks per semester; that is, four contact weeks in total for the first year. For the second year, you must attend one contact week per semester; that is, two contact weeks in total for the second year.

Block weeks of face-to-face contact are held on the Bellville Park campus. If enough students from a particular region register for the Diploma, contact weeks can also be offered at a venue in that region.

Contact weeks are also supplemented by video recordings and interactive online sessions. Because various forms of e-learning are used, the student package includes a computer and e-learning materials.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Tharia Louw
Programme administrator
School of Public Leadership
Tel: 021 918 4121
E-mail: dipaccountability@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Mr Werner Burger
School of Public Leadership

Programme content

You must earn at least 240 credits.

FIRST YEAR (120 CREDITS)

Compulsory modules

Compliance and Control: Asset and Procurement Management	122(15)
Compliance and Control: Budgeting	121(15)
Institutional Conduct	142(15)
Managing Institutional Capacity	171(20)
Managing Institutional Collaboration	182(15)
Managing Institutional Performance	191(20)
Public Accountability	161(20)

SECOND YEAR (120 CREDITS)

Compulsory modules

Institutional Conduct	241(20)
Managing Institutional Capacity	271(20)
Managing Institutional Collaboration	281(20)
Managing Institutional Performance	291(20)
Public Accountability	261(20)

Elective modules

Choose **one** of the following modules:

Compliance and Control	251(20)
Public Financial Accounting	231(20)

2.2 Diploma in Sustainable Development

Admission requirements

- An overall National Senior Certificate average of at least 55%, excluding Life Orientation
- Mathematics 50% *or*

  Mathematical Literacy 60% or

  Mathematics 40% or Mathematical Literacy 50% and 60% for Business Studies or Economics or Accounting
- English Home Language 50% *or*

  English First Additional Language 60%

Selection

A selection process is followed internally by the School of Public Leadership. The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

A committee selects applicants based on a combined score. The combined score is derived from academic merit (NSC average), and the interest and experience you demonstrate in key areas (indicated in the departmental application form). Key areas include sustainable development, social and environmental justice, entrepreneurial mindset, creativity, and leadership.

Application procedure and closing date

Apply by **31 July** of the year before your intended studies. You must complete two applications:

1. The official University application, available from www.maties.com, *and*
2. The school's application, which will be sent to you via e-mail within three weeks of completing the University application.

Duration and offering type of programme

Full-time (minimum duration of three years).

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Rosslyn Abrahams
Programme administrator
School of Public Leadership
Tel: 021 918 4135
E-mail: diploma@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Mr Shaun Dunn
School of Public Leadership

Programme structure

All face-to-face classes are presented at the Sustainability Institute in Lynedoch and on the Stellenbosch campus. Our aim is to immerse you practically in the world of sustainability through field trips and a lived experience at the Lynedoch EcoVillage. You will actively take part in various sustainable tasks and projects. Transport is provided from the Stellenbosch campus.

Interactive teaching methods are used during contact sessions. This includes formal lectures, facilitated discussions, case method learning and various kinds of structured group work. The main aim of this teaching approach is to complement theory with experiential learning. This builds your capacity for critical thinking, creativity, collaboration, and practical wisdom. All components of the teaching days, including practical tasks and group work, are credit bearing and attendance is therefore compulsory.

Programme content

You must earn at least 360 credits.

FIRST YEAR (120 CREDITS)

All modules are compulsory.

Ecoliteracy	177(20)
Regenerative Leadership	177(10)
Social Entrepreneurship	177(20)
Strategic Communication	177(20)
Sustainability Perspectives	177(15)
Sustainable Design	177(20)
Worldviews	177(15)

SECOND YEAR (120 CREDITS)

All modules are compulsory.

Green Economy	278(15)
Regenerative Leadership	278(15)
Social Change	278(15)
Social Entrepreneurship	278(40)
Strategic Communication	278(15)
Sustainable Design	278(20)

THIRD YEAR (120 CREDITS)

All modules are compulsory.

Internship	379(40)
Regenerative Leadership	379(10)
Social Entrepreneurship	379(40)
Strategic Communication	379(15)
Sustainability Reporting	379(15)

Please note:

If you registered in 2024 or earlier and need to repeat any of your modules, you need to register for the replacing module as indicated below:

- Sustainable Development Internship 371 is replaced by Internship 379.
- Communication, PR and Journalism Studies 371 is replaced by Strategic Communication 379.
- Mentorship and Facilitation 371 is replaced by Regenerative Leadership 379.
- Social Innovation and Entrepreneurship 2 (371) is replaced by Social Entrepreneurship 379.
- Sustainability Monitoring, Evaluation and Reporting 371 is replaced by Sustainability Reporting 379.

This interim arrangement lapses at the end of 2026. Thereafter, you will have to follow the approved curriculum.

3. Advanced Diploma Programmes

3.1 Advanced Diploma in Public Accountability

Admission requirements

- A Diploma in Public Accountability (240 credits) *plus* work-integrated learning (WIL) (120 credits)

  or
- Any public-sector-related diploma or degree

  or
- A diploma or degree in any field *with* relevant work experience and training in the public sector. Your work experience and training will be determined by means of recognition of prior learning (RPL) processes.

Recognition of prior learning (RPL) and credit accumulation and transfer (CAT)

If you have successfully completed a Middle Management Development Programme (MMDP), you may apply for transfer of those credits, for up to a maximum of 50% of the credits of the Advanced Diploma in Public Accountability.

For more information on RPL and CAT, see the chapter "General Information" at the beginning of this book.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

If there are more applicants who meet the admission requirements than the School has capacity for, further selection criteria and processes will be applied. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria applied by the Faculty of Economic and Management Sciences.

Application procedure and closing date

You must apply at www.maties.com – only online applications will be accepted. Apply by **15 December** of the year before your intended studies.

Duration and offering type of programme

Full-time (minimum duration of one year).
Part-time (two years).

Programme's mode of delivery

Hybrid learning; for this reason, it is also possible to enrol for this programme part-time.

Further study possibilities

After completing the Advanced Diploma in Public Accountability, you may apply for admission to the BPubAdminHons.

Programme structure

You must attend two consecutive contact weeks at the Bellville Park campus in each of the two semesters. Contact weeks are supplemented by interactive online sessions via applicable interactive e-learning platforms.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Silindile Hlongwane
Programme administrator
School of Public Leadership
Tel: 021 918 4122
E-mail: advanced-diploma@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Ms Deyana Isaacs
School of Public Leadership

Programme content

You must earn at least 120 credits.

Compulsory modules

Applied Institutional Capacity Management	173(20)
Applied Institutional Collaboration	175(20)
Applied Public Accountability	171(20)
Applied Managing Institutional Performance	172(20)
Personal Conduct and Integrity	174(20)

Elective modules

Choose **one** of the following modules:

Applied Compliance and Control	176(20)
Applied Public Financial Accounting	177(20)

3.2 Advanced Diploma in Sustainable Development

Admission requirements

- A diploma (NQF level 6) or bachelor's degree (NQF level 7) from a recognised tertiary institution in subjects/fields aligned with the focus of the Advanced Diploma, for example sustainable development, entrepreneurship, business studies, economics or innovation.

Further requirement

You must have access to a computer and stable internet connection for online learning.

Selection

A selection process is followed internally by the School of Public Leadership. The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives.

A committee selects applicants based on a combined score. The combined score is derived from your academic merit, and the experience you demonstrate in key areas. Key areas include sustainable development, social and environmental justice, entrepreneurial mindset, creativity and leadership.

Application procedure and closing date

The number of applicants who are interested to register for this programme in a particular year will determine whether this programme is offered or not. Applications open in April, and we will confirm by 30 October whether it will be offered.

Apply by **30 September** of the year before your intended studies.

Duration and offering type of programme

Full-time (minimum duration of one year).

Programme's mode of delivery

Hybrid (three compulsory face-to-face blocks of five days per term in Stellenbosch, with synchronous and self-directed online learning throughout the year).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Rosslyn Abrahams
Programme administrator
School of Public Leadership
Tel: 021 918 4135
E-mail: diploma@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership *or* https://hybridlearning.sun.ac.za/sustainable

Programme leader

Mr Shaun Dunn
School of Public Leadership

Programme structure

This programme runs from February to November and uses three modes of instruction:

- Self-directed online learning at your own pace, *with*
- Synchronous online sessions throughout the programme, *and*
- Compulsory face-to-face learning blocks (three–five days each, three blocks per year).

Online learning: You will need to allocate approximately 6 hours per day to complete content. There will be a range of synchronous activities and self-directed content.

Face-to-face learning: You will need to attend class in person in Stellenbosch three times per year (early March, mid-August and mid-November). Our aim is to immerse you practically in the world of sustainability through a lived experience. Interactive teaching methods are used during contact sessions. This includes field trips, facilitated discussions, case method learning and various kinds of structured group work. The main aim of this teaching approach is to complement theory with experiential learning that builds your capacity for critical thinking, creativity, collaboration and practical wisdom.

Programme content

You must earn at least 120 credits.

All modules are compulsory.

Business Plans and Strategies	121(15)
Entrepreneurship Incubator	148(30)
Research Approaches	131(15)
Social Entrepreneurship	149(30)
Sustainability in the Digital Age	111(30)

Please note:

If you failed Entrepreneurship Incubator 151 in 2024 or earlier, you must register for *both* Entrepreneurship Incubator 148 *and* Social Entrepreneurship 149. Either Entrepreneurship Incubator 151 or both Entrepreneurship Incubator 148 and Social Entrepreneurship 149 will count for graduation purposes.

4. Broad degree programmes

4.1 BCom

This programme is the broadest programme in the Faculty. It will be conferred on students who wish to transfer (that is, articulate) to the BCom programme from any other Economic and Management Sciences programme in the Faculty. This means that first-year students cannot register for the BCom programme. If you are interested in a broad programme, we advise that you register for the BCom (Management Sciences).

If you want to articulate to the BCom during the course of your second or third year (before July), you will have to discuss it with the faculty administrator. You will obtain the BCom degree if you meet the following requirements:

- You must complete the minimum prescribed credits per year (see "Summary of undergraduate programmes and their credit loads" above):
  - 120 credits for Year 1
  - 120 credits for Year 2
  - 120 credits for Year 3
- You must pass the compulsory modules of the first year (see the BCom (Management Sciences) programme); and
- You must pass one major from the third year.

Please ask any one of the faculty administrators if you need further advice on articulation (that is, transferring to the BCom from another programme):

Ms Lauren Delport, Mr Meyrick Balie or Ms Nadia Cassiem
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

4.2 BCom (Management Sciences)

4.2.1 BCom (Management Sciences): General

Admission requirements

- An overall National Senior Certificate average of at least 65%, excluding Life Orientation
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leaders

Enquiries

To find out more about admission, selection and the registration procedure, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie, Ms Nadia Cassiem, Ms Asanda Molisi or Mr Evan Fransman
Faculty administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme and focal areas, please contact:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/business-management

Programme and focal area leaders

Programme leaders

Prof Edwin Theron and Mrs Lomari Theart
Department of Business Management

Agricultural Economics focal area

Dr Willem Hoffmann
Department of Agricultural Economics

Business Analytics focal area

Dr Lieschen Venter
Department of Logistics

Entrepreneurship and Innovation Management focal area

Mrs Lelani Maree
Department of Business Management

Financial Management focal area

Dr Annalien de Vries
Department of Business Management

Financial Planning focal area

Mrs Elze-Mari Roux
Department of Business Management

Human Resource Management focal area

Mrs Marietha de Wet
Department of Industrial Psychology

Information Systems Management focal area

Ms Tania Gill
Department of Information Science, Faculty of Arts and Social Sciences

Investment Management focal area

Mrs Lomari Theart
Department of Business Management

Logistics and Supply Chain Management focal area

Mrs Anneke de Bod
Department of Logistics

Marketing Management focal area

Prof Chris Pentz
Department of Business Management

Public and Development Management focal area

Ms Ashlene van der Berg-Ross
School of Public Leadership

Programme structure

The BCom (Management Sciences) programme offers you broad and open-ended choices of modules. In choosing your modules, please take note of the stipulations regarding timetable clashes in the general section at the beginning of this chapter.

It is also possible within this programme to focus on a specific area of study, called a focal area.

Focal areas

The objective of focal areas is to help you choose a specific career focus within the BCom (Management Sciences) programme. The focal area is not a programme, and the module combination is only a recommendation for you to make more focussed module choices. The module choices in the tables describing each focal area fit in with the lecture and assessment timetables, but you are still free to take other module combinations in the broader programme if lecture and assessment timetables allow it.

As a first-year student, you will be able to e-register for a focal area within the broad programme. If you complete all the compulsory modules of the focal area (in each academic year of study of the programme as indicated in this Yearbook part), the focal area will be indicated on your academic transcript. If you wish to choose other elective modules (as listed in the general programme option), you may do so only if timetables allow for it, and you will have to register in person with the faculty administrators in Admin A on the day of registration.

There are 11 focal areas within the BCom (Management Sciences) programme, and each one is described below under "Focal areas in the BCom (Management Sciences) programme". The 11 focal areas are:

- Agricultural Economics,
- Business Analytics,
- Entrepreneurship and Innovation Management,
- Financial Management,
- Financial Planning,
- Human Resource Management,
- Information Systems Management,
- Investment Management,
- Logistics and Supply Chain Management,
- Marketing Management, and
- Public and Development Management.

Programme content

You must earn a total of at least 374 credits.

The tables below show all the compulsory and elective modules per year for the broad BCom (Management Sciences) programme. Below these tables, you will find a description of each focal area and the recommended modules for each of them.

For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

First year (at least 126 credits)

Compulsory modules

Business Management	113(12), 142(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Information Systems	112(6)
Professional Communication for EMS	144(6)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

Elective modules

Choose 24 credits from the following to make up the required 126 credits.

Industrial Psychology	114(12), 144(12)
Introduction to Transport and Logistics Systems	144(12)
Philosophy	114(12), 144(12)
Political Science	114(12), 144(12)
Public and Development Management	114(12), 144(12)
Sociology	114(12), 144(12)

SECOND YEAR (AT LEAST 128 CREDITS)

Elective modules

- Choose at least three major subjects where you take all the modules in the set. Please remember that the majors you choose in your second year will continue into your third year and that prerequisite, corequisite and prerequisite pass requirements may apply.
- Your three major subjects must altogether count at least 96 credits.
- Add further elective modules to make up at least 128 credits.
- You must take at least 32 credits from writing- and information-enriched modules (marked with an *).
- If you take Marketing Management 214 and 244, you must take Financial Management 214 (marked with a Δ). Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

Agricultural Economics	234(16), 242(8), 262(8)
Business Analytics	214(16), 244(16)
Economics	217(16)*#, 248(16)*^, 281(32)*
Entrepreneurship and Innovation Management	214(16)*, 244(16)*
Financial Accounting	288(32)
Financial Management	214(16)Δ, 244(16)*
Industrial Psychology	214(16), 224(16)*, 252(8), 262(8)
Investment Management	254(16)
Logistics and Supply Chain Management	214(16)*, 244(16)*
Marketing Management	214(16)*Δ, 244(16)*Δ
Mercantile Law (Commerce)	285(32)
Organisational Informatics	214(16), 244(16)
Public and Development Management	212(8)*, 222(8)*, 242(8)*, 252(8)*
Socio-informatics	214(16), 244(16)
Statistics	214(16), 224(16), 244(16)
Transport Economics	214(16), 244(16)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^ If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

THIRD YEAR (AT LEAST 120 CREDITS)

Elective modules

- Choose at least two complete majors (48 credits each).
- Choose further modules to make up at least 120 credits.

Agricultural Economics	314(16), 334(16), 354(16), 364(16)
Business Analytics	318(24), 348(24)
Economics	318(24), 348(24)
Entrepreneurship and Innovation Management	318(24), 348(24)
Financial Accounting	389(48)
Financial Management	314(12), 332(12), 352(12), 354(12)
Financial Planning	314(24), 344(24)
Human Capital Metrics	344(12)
Industrial Psychology	314(12), 324(12), 348(24)
Introduction to Intercultural Communication	344(12)
Investment Management	314(12), 324(12), 344(12), 349(12)
Logistics and Supply Chain Management	314(12), 324(12), 344(12), 354(12)
Management of Corporate Social Responsibility	314(12)
Marketing Management	314(12), 324(12), 344(12), 354(12)
Organisational Informatics	318(24), 348(24)
Project Management	314(24)
Public and Development Management	314(12), 324(12), 348(24)
Socio-informatics	348(24)
Statistics	318(24), 348(24)
Strategic Management	344(12)
Taxation	388(24)
Transport Economics	318(24), 348(24)

4.2.2 Focal areas in the BCom (Management Sciences) programme

4.2.2.1 Agricultural Economics

Description of focal area

Agricultural Economics is an interdisciplinary field that entails studying the application of economic and management sciences to the production and marketing of agricultural and food products. Agricultural Economics unlocks professional occupations in the growing domestic and international agricultural and food industries. A BCom (Management Sciences) qualification with the focal area Agricultural Economics will equip you for sought-after professional occupations, including general management, financial management and logistical management in the entire food value chain, from agricultural input delivery, financial services, agribusinesses involved in production, distribution and marketing to food processing and production businesses.

BCom (Management Sciences)		
Focal area: Agricultural Economics		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12) Philosophy 114(12), 144(12) Political Science 114(12), 144(12) Public and Development Management 114(12), 144(12) Sociology 114(12), 144(12)	**Compulsory modules** Agricultural Economics *f* 234(16), 242(8), 262(8) Financial Management 214(16) Δ Investment Management 254(16) **Recommended elective modules** *Plus at least 64 credits that must be from two subjects:* Economics 217)(16)*#, 24816)*^ Financial Accounting 288(32) Logistics and Supply Chain Management 214(16)*, 244(16)* Marketing Management Δ 214(16)*, 244(16)*	**Compulsory modules** Agricultural Economics *f* 314(16), 334(16), 354(16), 364(16) **Recommended elective modules** *A further 56 credits from the list below of which a minimum of 48 credits must be from a single subject:* Economics 318(24), 348(24) Financial Management 314(12), 332(12), 352(12), 354(12) Introduction to Intercultural Communication 344(12) Logistics and Supply Chain Management 314(12), 324(12), 344(12), 354(12) Marketing Management 314(12), 324(12), 344(12), 354(12)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

f To qualify for the BAgricAdminHons programme, you must take two full majors (all credits) until your final year. Agricultural Economics must be one of these.

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.2 Business Analytics

Description of focal area

Study in this focal area will equip you with a combination of management and analytical capabilities to be highly competitive in the business world. The aim is to educate managers and analysts who will, after adequate experience, be able to analyse, provide insight from data and manage business functions and processes within the firm at the strategic, tactical and operational level. They will be able to find decisions quantitatively in order to help maximise the firm's wealth.

BCom (Management Sciences)		
Focal area: Business Analytics		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12)	**Compulsory modules** Business Analytics 214(16), 244(16) **Recommended elective modules** *Plus 96 credits of which 64 credits must be from two subjects:* Financial Accounting 288(32) Financial Management*f* 214(16)Δ, 244(16)* Logistics and Supply Chain Management 214(16)*, 244(16)* Marketing Management Δ 214(16)*, 244(16)* Transport Economics*f* 214(16), 244(16)	**Compulsory modules** Business Analytics 318(24), 348(24) **Recommended elective modules** *A further 72 credits from the list below of which 48 credits must be from a single subject:* Logistics and Supply Chain Management 314(12), 324(12), 344(12), 354(12) Marketing Management 314(12), 324(12), 344(12), 354(12) Project Management 314(24) Transport Economics 318(24), 348(24)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

f You cannot take Financial Management 214 and 244 with Transport Economics 214 and 244.

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

4.2.2.3 Entrepreneurship and Innovation Management

Description of focal area

This focal area helps to turn you towards possibly establishing your own business in future and not striving to achieve so-called work security in the form of a fixed appointment. Four important themes are covered in the second and third year: Introduction to Entrepreneurship; Small Business Management; Creativity and Innovation Management; and Strategic and Corporate Entrepreneurship.

BCom (Management Sciences)		
Focal area: Entrepreneurship and Innovation Management		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12) Philosophy 114(12), 144(12) Political Science 114(12), 144(12) Public and Development Management 114(12), 144(12) Sociology 114(12), 144(12)	**Compulsory modules** Entrepreneurship and Innovation Management 214(16)*, 244(16)* **Recommended elective modules** *Plus 96 credits of which at least 64 credits must be from two subjects:* Economics 217(16)*#, 24816)*^ Financial Management 214(16) Δ, 244(16)* Industrial Psychology 224(16)*, 252(8), 262(8) Logistics and Supply Chain Management 214(16)*, 244(16)* Marketing Management Δ 214(16)*, 244(16)*	**Compulsory modules** Entrepreneurship and Innovation Management 318(24), 348(24) Management of Corporate Social Responsibility 314(12) Strategic Management 344(12) *f* **Recommended elective modules** *A further 48 credits from a single subject in the list below:* Financial Management 314(12), 332(12), 352(12), 354(12) Industrial Psychology 314(12), 324(12), 348(24) Marketing Management 314(12), 324(12), 344(12), 354(12)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

f Strategic Management 344 is a prerequisite for the BComHons (Business Management) with specialisation in Strategy and Innovation.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.4 Financial Management

Description of focal area

This focal area is geared to employment in the private sector where specialised knowledge of financial management and analysis is required. Financial Management focuses on the following: Financial Planning and Control; Financial Management Research; Capital Investments; Mergers and Acquisitions. Career possibilities include financial director; financial advisor; financial manager; financial consultant or financial analyst.

BCom (Management Sciences)		
Focal area: Financial Management		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12) Philosophy 114(12), 144(12) Political Science 114(12), 144(12) Public and Development Management 114(12), 144(12) Sociology 114(12), 144(12)	**Compulsory modules** Financial Management 214(16) Δ Financial Management 244(16)*§ *or* Investment Management 254(16) § **Recommended elective modules** *Plus 96 credits of which 64 credits must be from two subjects:* Business Analytics#♦ 214(16), 244(16) Economics 217(16)*&, 248(16)*^ Entrepreneurship and Innovation Management♦ 214(16)*, 244(16)* Financial Accounting 288(32) Marketing Management Δ♦ 214(16)*, 244(16)*	**Compulsory modules** Financial Management 314(12), 332(12), 352(12), 354(12) **Recommended elective modules** *A further 72 credits from the list below of which a minimum of 48 must be from a single subject:* Business Analytics 318(24), 348(24) Economics 318(24), 348(24) Entrepreneurship and Innovation Management 318(24), 348(24) Financial Accounting 389(48) Management of Corporate Social Responsibility 314(12) Marketing Management 314(12), 324(12), 344(12), 354(12) Strategic Management 344(12)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

§ The combination of Financial Management 214 and Investment Management 254 in your second year, along with Investment Management 314, 324, 344 and 349 in your third year, will be regarded as a major.

You cannot take Business Analytics 214 and 244 with Financial Accounting 288.

♦ You cannot take Marketing Management 214 and 244, Entrepreneurship and Innovation Management 214 and 244 and Business Analytics 214 and 244 together.

& If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

&^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.5 Financial Planning

Description of focal area

The focal area Financial Planning has specifically been developed to enable you to enrol for the Postgraduate Diploma in Financial Planning after obtaining the BCom (Management Sciences) degree. More information on this diploma programme can be found in the chapter "Postgraduate Programmes" in this book. If you complete the postgraduate diploma successfully, you may write the entrance examination for the CFP® (Certified Financial Planner®) designation, which is internationally recognised. More information on the CFP designation can be found at www.fpi.co.za.

BCom (Management Sciences)		
Focal area: Financial Planning		
First year (126 credits)	**Second year*** (128 credits)**	**Third year (120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12) Philosophy 114(12), 144(12) Political Science 114(12), 144(12) Public and Development Management 114(12), 144(12) Sociology 114(12), 144(12)	**Compulsory modules** Economics 217(16)*#, 248(16)*^ Financial Accounting 288(32) Financial Management 214(16) Investment Management 254(16) Mercantile Law (Commerce) 285(32)	**Compulsory modules** Financial Planning 314(24), 344(24) Investment Management 314(12), 324(12), 344(12), 349(12) Taxation 388(24)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.6 Human Resource Management

Description of focal area

The human resource function is responsible for acquiring, developing, and maintaining a competent and engaged work force, as well as managing labour relations effectively. An organisation's success depends on the quality of its work force and on how that work force is utilised and managed, that is why human resource management is so important. This focal area prepares you to address people-related opportunities and risks in a way that will make you a strategic business partner in the organisation you serve.

BCom (Management Sciences)		
Focal area: Human Resource Management		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Industrial Psychology 114(12), 144(12) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6)	**Compulsory modules** Industrial Psychology 214(16), 224(16)*, 252(8), 262(8) **Recommended elective modules** *Plus 80 credits of which at least 64 credits must be from two subjects:* Business Analytics 214(16), 244(16) Economics 217(16)*#, 248(16)*^ Entrepreneurship and Innovation Management 214(16)*, 244(16)* Financial Accounting 288(32), Financial Management 214(16) Δ, 244(16)* Logistics and Supply Chain Management 214(16)*, 244(16)* Marketing Management Δ 214(16)*, 244(16)* Organisational Informatics 244(16) Socio-informatics 214(16), 244(16)	**Compulsory modules** Human Capital Metrics 344(12) Industrial Psychology 314(12), 324(12), 348(24) **Additional major subject** *A further 48 credits from a single subject in the list below:* Entrepreneurship and Innovation Management 318(24), 348(24) Financial Management 314(12), 332(12), 352(12), 354(12) Marketing Management 314(12), 324(12), 344(12), 354(12) **Recommended elective modules** *Plus modules below to make up 120 credits:* Introduction to Intercultural Communication 344(12) Management of Corporate Social Responsibility 314(12) Strategic Management 344(12)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.7 Information Systems Management

Description of focal area

Knowledge is increasingly becoming the deciding factor in advanced economic activities around the world, spurred on to a large extent by the rapid progress in computational power. For organisations today, information is primarily computer-processed expressions of knowledge through which productive work is facilitated. But because organisations are complex phenomena and because of the complicated nature of computer technology and the information systems they support, the management of information poses difficult but also fascinating challenges. Please refer to www.informatics.sun.ac.za for more information.

BCom (Management Sciences)		
Focal area: Information Systems Management		
First year (126 credits)	**Second year*** (128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12)	**Compulsory modules** Organisational Informatics 214(16), 244(16) Socio-informatics 214(16), 244(16) **Recommended elective modules** *Plus 64 credits from two subjects:* Business Analytics 214(16), 244(16) Entrepreneurship and Innovation Management 214(16)*, 244(16)* Financial Management 214(16) Δ, 244(16)* Logistics and Supply Chain Management 214(16)*, 244(16)* Marketing Management Δ 214(16)*, 244(16)*	**Compulsory modules** Organisational Informatics 318(24), 348(24) Socio-informatics 348(24) **Recommended elective modules** *A further 48 credits from a single subject in the list below:* Entrepreneurship and Innovation Management 318(24), 348(24) Financial Management 314(12), 332(12), 352(12), 354(12) Logistics and Supply Chain Management 314(12), 324(12), 344(12), 354(12)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

4.2.2.8 Investment Management

Description of focal area

The focal area Investment Management is specifically developed to enable you to study successfully for Level 1 of the examination for the international Chartered Financial Analyst® (CFA®) qualification, after you have completed a BCom (Management Sciences) with this focal area. The international CFA is a qualification focussed on portfolio management and investment analysis (shares, bonds, derivative instruments and real estate). All the learning outcomes of Level 1 of the CFA examinations are covered in the second- and third-year modules in Investment Management, the second-year modules in Economics, Financial Management and Financial Accounting, and the modules of the generic first-year BCom (Management Sciences) programme. If you successfully complete a BCom (Management Sciences) programme with these modules, you may be considered for honours studies, where the learning outcomes of Level 2 and 3 of the international CFA examinations are covered. Complete information on the CFA programme is available at www.cfainstitute.org (click on "CFA program").

BCom (Management Sciences)		
Focal area: Investment Management		
First year (126 credits)	**Second year *** (144 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Philosophy 114(12), 144(12) Political Science 114(12), 144(12) Public and Development Management 114(12), 144(12) Sociology 114(12)	**Compulsory modules** Economics 217(16)*&, 248(16)*^ Financial Accounting 288(32) Financial Management 214(16) Investment Management 254(16) Statistics 214(16), 224(16), 244(16)	**Compulsory modules** Investment Management 314(12), 324(12), 344(12), 349(12) **Recommended elective modules** *A further 72 credits from the list below of which a minimum of 48 must be from a single subject:* Economics 318(24), 348(24) Financial Management 314(12)#, 332(12)#, 352(12), 354(12) Financial Planning 314(24), 344(24) Statistics 318(24)§, 348(24)§

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

If you choose Financial Management 314 and 332, you can use this programme to qualify for the BComHons (Business Management): Specialisation in Financial Analysis programme. Also see Appendix D at the back of this book for the prerequisites for the BComHons (Business Management): Specialisation in Financial Analysis.

§ If you choose Statistics 318 and 348, you can use this programme to qualify for the BComHons (Statistics) programme. Also see the prerequisites for BComHons (Statistics) in Appendix C at the back of this book.

& If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

&^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.9 Logistics and Supply Chain Management

Description of focal area

This focal area aims to prepare you for the wide variety of challenging logistics and supply chain job opportunities that exists worldwide in the public sector and private businesses. From the largest vehicle manufacturing company to the smallest producer, and any business buying or selling products – they all require people with logistics and supply chain skills who can plan, organise and control logistics and supply chain activities, both locally and internationally. Service organisations (for example hospitals and restaurants) also utilise logistics and supply chain management to make sure that their clients are properly served.

BCom (Management Sciences)		
Focal area: Logistics and Supply Chain Management		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus any 24 credits from the following:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12)§	**Compulsory modules** Logistics and Supply Chain Management 214(16)*, 244(16)* **Recommended elective modules** *Plus 96 credits of which at least 64 must be from two subjects:* Business Analytics ƒ 214(16), 244(16) Financial Accounting 288(32) *or* Financial Management ƒ 214(16)Δ, 244(16)* Industrial Psychology 224(16)*, 252(8), 262(8) Marketing Management Δ 214(16)*, 244(16)* Transport Economicsƒ 214(16), 244(16)	**Compulsory modules** Logistics and Supply Chain Management 314(12), 324(12), 344(12), 354(12) Project Management 314(24) **Recommended elective modules** *A further 48 credits from a single subject in the list below:* Business Analytics 318(24), 348(24) Marketing Management 314(12), 324(12), 344(12), 354(12) Transport Economics 318(24), 348(24)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

§ Introduction to Transport and Logistics Systems 144 is not a prerequisite but is highly recommended.

ƒ Only two of the following three subject groups can be taken together: Business Analytics 214 and 244 *or* Financial Management 214 and 244 *or* Transport Economics 214 and 244.

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

4.2.2.10 Marketing Management

Description of focal area

The Marketing Management focal area and its instruction is based on the following: marketing theory; consumer behaviour; the application of theory to various aspects of marketing, with special emphasis on retail, services, promotion and marketing research; and the development of a management orientation in approaching marketing challenges. Career possibilities include marketing manager; advertising manager; promotions manager; brand manager; and marketing researcher. The focal area is continuously adapted to keep up with modern technologies such as the internet's impact and its advantages for marketing. A variety of modules in other areas form part of the compulsory modules or are available as electives.

BCom (Management Sciences)		
Focal area: Marketing Management		
First year (126 credits)	**Second year*** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Industrial Psychology 114(12), 144(12) Information Systems 112(6) Professional Communication for EMS 144(6) Statistics and Data Science 188(18) Theory of Interest 142(6)	**Compulsory modules** Marketing Management Δ 214(16)*, 244(16)* **Recommended elective modules** *Plus 96 credits from which at least 64 credits must be from two subjects:* Economics 217(16)*#, 248(16)*^ Entrepreneurship and Innovation Management 214(16)*, 244(16)* Financial Management 214(16) Δ, 244(16)* Industrial Psychology 224(16)* Logistics and Supply Chain Management 214(16)*, 244(16)*	**Compulsory modules** Marketing Management 314(12), 324(12), 344(12), 354(12) **Recommended elective modules** *A further 72 credits from the list below of which a minimum of 48 must be from a single subject:* Entrepreneurship and Innovation Management 318(24), 348(24) Industrial Psychology 314(12), 324(12), 348(24) Logistics and Supply Chain Management 314(12), 324(12), 344(12), 354(12) Management of Corporate Social Responsibility 314(12) Strategic Management 344(12)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.2.2.11 Public and Development Management

Description of focal area

Like many other developing countries, South Africa faces complex developmental and public policy challenges. These demand collaborative action by the public, business and voluntary sectors, along with broader civil society at local, provincial, national, and global levels. These complexities include social, economic, environmental developmental, and public policy challenges; for example, gender-based violence, racism, poverty, unemployment, inequality, the climate emergency, and the perils and possibilities associated with the Fourth Industrial Revolution.

Public and Development Management provides exposure and insight into these challenges, specifically in southern developing countries. It helps future practitioners to develop embodied policy responses and manage the implementation of such responses effectively, efficiently and equitably.

BCom (Management Sciences)		
Focal area: Public and Development Management		
First year (126 credits)	**Second year *** (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Professional Communication for EMS 144(6) Public and Development Management 114(12), 144(12) Statistics and Data Science 188(18) Theory of Interest 142(6)	**Compulsory modules** Economics 217(16)*#, 248(16)*^, 281(32)* Public and Development Management 212(8)*, 222(8)*, 242(8)*, 252(8)* **Recommended elective modules** *Plus 32 credits from a single subject:* Financial Management 214(16) Δ, 244(16)* Industrial Psychology 224(16)*, 252(8), 262(8) Marketing Management Δ 214(16)*, 244(16)* Transport Economics 214(16), 244(16)	**Compulsory modules** Economics 318(24), 348(24) Public and Development Management 314(12), 324(12), 348(24) **Recommended elective modules** *Plus modules below to make up 120 credits:* Industrial Psychology 348(24) *or* Introduction to Intercultural Communication 344(12) *and* Management of Corporate Social Responsibility 314(12) *or* Project Management 314 (24)

*** You must take at least 32 credits from writing- and information-enriched modules (marked with an *).

Δ If you take Marketing Management 214 and 244, you must take Financial Management 214. Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.3 BCom (Economic Sciences)

4.3.1 BCom (Economic Sciences): General

Admission requirements

- Overall National Senior Certificate average of at least 65%, excluding Life Orientation
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

To register for the Econometrics and Financial Sector focal areas, you must have a Grade 12 Mathematics final mark of 70% or higher as this is required for Actuarial Science 112 (a compulsory module in these focal areas). Note that this requirement also applies to the general Economic Sciences stream if you want to enrol for Actuarial Science 112. For further information on module requirements, please also note the module descriptions in the chapter "Subjects, Modules and Module Contents" of this book.

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leaders

Enquiries

To find out more about admission, selection and registration procedures, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie, Ms Nadia Cassiem, Ms Asanda Molisi or Mr Evan Fransman
Programme administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme, please contact:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: www.ekon.sun.ac.za

Programme leader and focal area leaders

Programme leader

Prof Krige Siebrits
Department of Economics

Econometrics, Economic and Management Consultation and Financial Sector focal areas

Prof Krige Siebrits
Department of Economics

Transport Economics focal area

Mr Melrick October
Department of Logistics

Programme structure

The BCom (Economic Sciences) programme offers you a relatively free choice of modules. In choosing your modules, please take note of the stipulations regarding timetable clashes in the general section at the beginning of this chapter.

It is also possible within this programme to focus on a specific area of study, called a focal area.

Focal areas

The objective of focal areas is to help you choose a specific career focus within the BCom (Economic Sciences) programme. The focal area is not a programme, and the module combination is only a recommendation for you to make more focussed module choices. The module choices in the tables describing each focal area fit in with the lecture and assessment timetables, but you are still free to take other elective modules in the broader programme if lecture and assessment timetables allow it. If you complete all the compulsory modules of the focal area (in each year of study of the programme as indicated in this Yearbook part), the focal area will be indicated on your academic transcript.

There are four focal areas within the BCom (Economic Sciences) programme, and each one is described below under "Focal areas in the BCom (Economic Sciences) programme". The four focal areas are:

- Econometrics,
- Economic and Management Consultation,
- Financial Sector, and
- Transport Economics.

Programme content

You must earn a total of at least 368 credits.

The tables below show all the compulsory and elective modules per year for the broad BCom (Economic Sciences) programme. Below these tables, you will find a description of each focal area and the recommended modules for each of them.

For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

First year (120 or 128 credits)

Compulsory modules

Statistics and Data Science	188(18)
Theory of Interest	142(6)

Or*

Actuarial Science	112(8)
Mathematics	114(16), 144(16)
Probability Theory and Statistics	144(16)

* Please note that if you choose the combination of Actuarial Science 112, Mathematics 114 and 144, and Probability Statistics 144, you must have a Grade 12 Mathematics mark of at least 70% as this is required for Actuarial Science 112. Please also note the module descriptions in the chapter "Subjects, Modules and Module Contents" of this book.

Plus

Business Management	113(12), 142(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Information Systems	112(6)

Elective modules

If you choose Statistics and Data Science 188 and Theory of Interest 142 above, then also choose 24 credits from the following.

Geo-environmental Science	124(16), 154(16)
Industrial Psychology	114(12), 144(12)
Introduction to Transport and Logistics Systems	144(12)
Philosophy	114(12), 144(12)
Political Science	114(12), 144(12)
Professional Communication for EMS	144(6)
Public and Development Management	114(12), 144(12)
Sociology	114(12), 144(12)

SECOND YEAR (128 OR 144 CREDITS)

Compulsory modules

Statistics	214(16), 224(16), 244(16)

Or

Mathematical Statistics	214(16), 245(8), 246(8)

Plus

Economics	217(16)#, 248(16)^
Economics	281(32) *or*
Transport Economics	214(16), 244(16)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

Elective modules

- Choose elective modules to make up the required minimum of 128 credits.
- Choose your modules so that there are no class, test or assessment timetable clashes.
- If you take Marketing Management 214 and 244, you must take Financial Management 214 (marked with a Δ). Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book.

Actuarial Science	211(18)
Business Analytics	214(16), 244(16)
Financial Accounting	288(32)
Financial Management	214(16) Δ, 244(16)#
Financial Risk Management	212(8), 242(8), 252(6)
Industrial Psychology	214(16), 224(16), 252(8), 262(8)
Investment Management	254(16)#
Logistics and Supply Chain Management	214(16), 244(16)
Marketing Management	214(16) Δ, 244(16) Δ
Mathematics	214(16), 244(16)
Mercantile Law (Commerce)	285(32)
Operations Research	214(16), 244(16)
Philosophy	214(16), 244(16)
Political Science	212(8), 222(8), 242(8), 252(8)
Public and Development Management	212(8), 222(8), 242(8), 252(8)
Sociology	212(8), 222(8), 242(8), 252(8)

These two modules cannot be taken together.

THIRD YEAR (AT LEAST 120 CREDITS)

Compulsory modules

Economics	318(24), 348(24)
Economics	388(24) *or*
Transport Economics	318(24), 348(24)

Elective modules

- Choose any of the modules following below to make up at least 120 credits.
- Choose your modules so that there are no class, test or assessment timetable clashes.
- Please note the prerequisite and prerequisite pass modules for Mathematical Statistics at the third-year level in Appendix A of this book.

Business Analytics	318(24), 348(24)
Economics	381(24)
Financial Management	314(12), 332(12), 352(12), 354(12)
Financial Mathematics	378(32)
Financial Risk Management	314(24), 344(24)
Industrial Psychology	314(12), 324(12), 348(24)
Investment Management	314(12), 324(12), 344(12), 349(12)
Logistics and Supply Chain Management	314(12), 324(12), 344(12), 354(12)
Management of Corporate Social Responsibility	314(12)
Marketing Management	314(12), 324(12), 344(12), 354(12)
Mathematical Statistics	312(16), 316(16), 344(16), 364(16)
Mathematics	314(16), 324(16), 344(16), 345(16), 365(16)
Operations Research	314(16), 322(16), 344(16), 352(16)
Project Management	314(24)
Public and Development Management	314(12), 324(12), 348(24)
Statistics	318(24), 348(24)
Strategic Management	344(12)
Taxation	388(24)

4.3.2 Focal areas in the BCom (Economic Sciences) programme

4.3.2.1 Econometrics

Description of focal area

Econometrics as focal area may be for you if you have a strong quantitative background and aptitude. The emphasis throughout is on advanced mathematics and statistics, which are combined with economics to give you a strong foundation for employment as an econometrician in either the financial or public sector, or at a research institution. The advanced level of mathematical and statistical knowledge will equip you with the necessary skills to be able to do sophisticated analyses.

BCom (Economic Sciences)		
Focal area: Econometrics*		
First year (128 credits)	**Second year (128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Actuarial Science 112(8) Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Mathematics 114(16) **, 144(16) Probability Theory and Statistics 144(16)	**Compulsory modules** Economics 217(16)#, 248(16)^, 281(32) Mathematical Statistics 214(16), 245(8), 246(8) **Recommended elective modules** Mathematics 214(16), 244(16)	**Compulsory modules** Economics 318(24), 348(24), 388(24) **Recommended elective modules** *Plus modules below to make up at least 120 credits:* Financial Mathematics 378(32) [Optional extra] Mathematical Statistics 312(16), 316(16), 344(16), 364(16) ***

* To register for the Econometrics focal area, you must have a Grade 12 Mathematics final mark of 70% or higher as this is required for Actuarial Science 112 (a compulsory module in this focal area). For further information on module requirements, please also note the module descriptions in the chapter "Subjects, Modules and Module Contents" of this book.

** To register for the Econometrics focal area, you must have attained at least a 6 (70%) for Mathematics in the NSC or the IEB's school-leaving certificate, since that is the requirement for Mathematics 114.

*** Please note the prerequisite and prerequisite pass requirements for Mathematical Statistics at the third-year level in Appendix A of this book.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.3.2.2 Economic and Management Consultation

Description of focal area

This combination is aimed at you if you wish to qualify as an economic or management consultant. A good knowledge of Economics is combined with broad exposure to commercial and management subjects such as Mercantile Law and Industrial Psychology. This provides you with the necessary background to be able to make business-related recommendations covering a broad spectrum of fields.

BCom (Economic Sciences)		
Focal area: Economic and Management Consultation		
First year (120 credits)	**Second year (144 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus 24 credits from:* Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12) Geo-environmental Science 124(16), 154(16) Political Science 114(12), 144(12)	**Compulsory modules** Economics 21716)&, 248(16)^, 281(32) Statistics 214(16), 224(16), 244(16) **Recommended elective modules** *Plus modules below to make up at least 144 credits:* Financial Accounting 288(32) Financial Management 214(16), 244(16)# Industrial Psychology 224(16), 252(8), 262(8) Investment Management 254(16)# Mercantile Law (Commerce) 285(32)	**Compulsory modules** Economics 318(24), 348(24), 388(24) **Recommended elective modules** *Plus modules below to make up at least 120 credits:* Economics 381(24) Financial Management 314(12), 332(12), 352(12), 354(12) Industrial Psychology 314(12), 324(12), 348(24)

These two modules cannot be taken together.

& If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

&^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.3.2.3 Financial Sector

Description of focal area

This combination of modules may be for you if you want to seek employment in the financial sector. As you would typically work as an economic or financial analyst, there is ongoing emphasis on mathematical and statistical skills, as well as skills that would be required to analyse investment opportunities and the financial statements of companies.

BCom (Economic Sciences)		
Focal area: Financial Sector*		
First year (128 credits)	**Second year (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Actuarial Science 112(8) Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Mathematics 114(16)**, 144(16) Probability Theory and Statistics 144(16)	**Compulsory modules** Economics 217(16)#, 248(16)^, 281(32) Mathematical Statistics 214(16), 245(8), 246(8) **Recommended elective modules** *Plus at least 32 credits from:* Actuarial Science 211(18) Financial Accounting 288(32) Financial Management 214(16)§ Financial Risk Management 212(8), 242(8), 252(6) Investment Management 254(16)§ Mathematics 214(16), 244(16) [for Financial Risk Management 314(24), 344(24)]	**Compulsory modules** Economics 318(24), 348(24), 388(24) **Recommended elective modules** *Plus modules below to make up at least 120 credits:* Investment Management§ 314(12), 324(12), 344(12), 349(12) Financial Risk Management 314(24), 344(24) Mathematical Statistics*** 312(16), 316(16), 344(16), 364(16) [optional extra]

§ To take Investment Management on third-year level, you must have taken Financial Management 214(16) and Investment Management 254(16).

* To register for the Financial Sector focal area, you must have a Grade 12 Mathematics final mark of 70% or higher as this is required for Actuarial Science 112 (a compulsory module in this focal area). For further information on module requirements, please also note the module descriptions in the chapter "Subjects, Modules and Module Contents" of this book.

** To register for the Financial Sector focal area, you must have attained at least a 6 (70%) for Mathematics in the NSC or the IEB's school-leaving certificate, since that is the requirement for Mathematics 114.

*** Please note the prerequisite and prerequisite pass requirements for Mathematical Statistics at the third-year level in Appendix A of this book.

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.3.2.4 Transport Economics

Description of focal area

Transport Economics deals with the optimal allocation of scarce resources within the transport sector, as well as between the transport sector and other sectors in the economy. We will discuss underlying economic theory and study and apply evaluation methods and decision-making theory; the aim being to equip you as a prospective transport economist in assisting with the abovementioned resource allocation in a scientific manner. You will learn about the economic principles of transport regulation, transport pricing, competition and government transport policy. Lastly, this focal area equips you with knowledge of the economic characteristics of different modes of transport and the market conditions in which transport supply takes place. This will prepare you to successfully manage a transport company.

BCom (Economic Sciences)		
Focal area: Transport Economics		
First year (120 credits)	**Second year (at least 128 credits)**	**Third year (at least 120 credits)**
Compulsory modules Business Management 113(12), 142(6) Economics 114(12), 144(12) Financial Accounting 188(24) Information Systems 112(6) Statistics and Data Science 188(18) Theory of Interest 142(6) **Recommended elective modules** *Plus 24 credits from:* Geo-environmental Science 124(16), 154(16) Industrial Psychology 114(12), 144(12) Introduction to Transport and Logistics Systems 144(12) Political Science 114(12), 144(12)	**Compulsory modules** Economics 217(16)#, 248(16)^ Transport Economics 214(16), 244(16) Statistics 214(16), 224(16), 244(16) *or* Mathematical Statistics 214(16), 245(8), 246(8) **Recommended elective modules** *Plus modules below to make up at least 128 credits:* Business Analytics 214(16), 244(16) Logistics and Supply Chain Management 214(16), 244(16)	**Compulsory modules** Economics 318(24), 348(24) Transport Economics 318(24), 348(24) **Recommended elective modules** *Plus modules below to make up at least 120 credits:* Business Analytics 318(24), 348(24) Logistics and Supply Chain Management 314(12), 324(12), 344(12), 354(12) Project Management 314(24)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.4 BCom (Mathematical Sciences)

4.4.1 BCom (Mathematical Sciences): General

Admission requirements

- Overall National Senior Certificate average of at least 70%, excluding Life Orientation
- Mathematics 75%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leaders

Enquiries

To find out more about admission, selection and the registration procedure, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie, Ms Nadia Cassiem, Ms Asanda Molisi or Mr Evan Fransman
Programme administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme, please contact:

Ms Elizna Huysamen
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: statistics@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme and focal area leaders

Programme leader

Prof Danie Uys
Department of Statistics and Actuarial Science

Data Science focal area

Prof Danie Uys
Department of Statistics and Actuarial Science

Financial Risk Management focal area

Prof Daniel Polakow
Department of Statistics and Actuarial Science

Operations Research focal area

Dr Isabelle Nieuwoudt
Department of Logistics

Programme structure

The BCom (Mathematical Sciences) programme offers you a relatively free choice of modules. In choosing your modules, please take note of the stipulations regarding timetable clashes in the general section at the beginning of this chapter. It is also possible within this programme to focus on a specific area of study, called a focal area.

Focal areas

The objective of focal areas is to help you choose a specific career focus within the BCom (Mathematical Sciences) programme. The focal area is not a programme, and the module combination is only a recommendation for you to make more focussed module choices. The module choices in the tables describing each focal area fit in with the lecture and assessment timetables, but you are still free to take other elective modules in the broader programme if lecture and assessment timetables allow it. If you complete all the compulsory modules of the focal area (in each year of study of the programme as indicated in this Yearbook part), the focal area will be indicated on your academic transcript.

There are three focal areas within the BCom (Mathematical Sciences) programme, and each one is described below under "Focal areas in the BCom (Mathematical Sciences) programme". The three focal areas are:

- Data Science,
- Financial Risk Management, and
- Operations Research.

Programme content

You must earn a total of at least 374 credits.

The tables below show all the compulsory and elective modules per year for the broad BCom (Mathematical Sciences) programme. Below these tables, you will find a description of each focal area and the recommended modules for each of them.

For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

First year (at least 128, 140 or 138 credits)

Compulsory modules

Actuarial Science	112(8)
Financial Accounting	188(24)
Mathematics	114(16), 144(16)
Probability Theory and Statistics	144(16)

Plus

Business Management*	113(12), 142(6)
Computer Science	113(16) *or*
Economics**	114(12), 144(12)

Or

Business Management*	113(12), 142(6)
Information Systems	112(6)
Economics**	114(12), 144(12)

Or

Computer Science	114(16), 144(16)
Data Science	141(16)
Economics**	114(12)

* *Business Management as compulsory subject:*

Business Management 113 and 142 are compulsory for this degree programme. If you therefore choose Computer Science 114 and 144 (instead of the Business Management modules) in your first year, you will have to register for Business Management 113 and 142 in your second year. Any second-year modules that have Business Management 113 and/or 142 as prerequisites will then have to stand over until your third year. (See Appendix A for prerequisites.)

** *Economics as compulsory subject:*

Economics 114 and 144 are compulsory for this degree programme. If you therefore choose Data Science 141, instead of Economics 144, in your first year, you will have to register for Economics 144 in your second year.

SECOND YEAR (AT LEAST 126 CREDITS)

Compulsory modules

Mathematical Statistics	214(16), 245(8), 246(8)
Mathematics	214(16), 244(16)

And if in your first year, you followed and passed Computer Science 114(16) and 144(16) (instead of Business Management), and/or Data Science 141(16) (instead of Economics 144(12)), *also*:

Business Management	113(12), 142(6) *and/or*
Economics	144(12)

Elective modules

- Choose 64 credits of which at least 32 credits must be from a single subject.

  or

- If you are taking the compulsory modules Business Management 113(12) and 142(6), choose 48 credits of which at least 32 credits must be from a single subject.

  or

- If you are taking the compulsory modules Business Management 113(12), 142(6) and Economics 144(12), choose at least 32 credits all from a single subject.

Actuarial Science	211(18)
Business Analytics	214(16), 244(16)
Computer Science	214(16), 244(16)
Data Science	241(16)
Economics	217(16)#, 248(16)^, 281(32)
Financial Accounting	288(32)
Financial Risk Management	212(8), 242(8), 252(6)
Investment Management	254(16)
Marketing Management	214(16), 244(16)
Operations Research	214(16), 244(16)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

THIRD YEAR (AT LEAST 120 CREDITS)

Elective modules

At least one of the following:

Financial Risk Management	314(24), 344(24)
Mathematical Statistics	312(16), 316(16), 344(16), 364(16)
Operations Research	314(16), 322(16), 344(16), 352(16)

Plus modules from the list below to make up at least 120 credits:

Business Analytics	318(24), 348(24)
Computer Science	313(16) *or* 315(16), 314(16), 343(16), 344(16),
Data Science	316(16), 346(16)
Economics	318(24), 348(24), 381(24), 388(24)
Financial Mathematics	378(32)
Investment Management	314(12), 324(12), 344(12), 349(12)
Marketing Management	314(12), 324(12), 344(12), 354(12)
Mathematics	314(16), 324(16), 344(16), 345(16), 365(16)
Project Management	314(24)

4.4.2 Focal areas in the BCom (Mathematical Sciences) programme

4.4.2.1 Data Science

Description of focal area

Data is important and is analysed in almost all environments. A data scientist must have the skills for the following: to gather data and to store it, to transform data and graphically represent it, to ask relevant questions and to analyse data so as to answer decision-making questions. Data scientists are employed as statisticians, data analysts, data managers and statistical analysts in, for example, the marketing, information and management positions of firms. In this capacity they form part of the exciting management and decision-making processes in large organisations. If you have this training, you can negotiate exciting and well-paid career opportunities for yourself.

BCom (Mathematical Sciences)		
Focal area: Data Science		
First year (140 credits)	**Second year (120 credits)**	**Third year (134 credits)**
Compulsory modules Actuarial Science 112(8) Computer Science 114(16), 144(16) Data Science 141(16) Economics 114(12) Financial Accounting 188(24) Mathematics 114(16), 144(16) Probability Theory and Statistics 144(16)	**Compulsory modules** Business Management 113(12) Computer Science 214(16) Data Science 241(16) Economics 144(12) Mathematical Statistics 214(16), 245(8), 246(8) Mathematics 214(16), 244(16)	**Compulsory modules** Business Management 142(6) Computer Science 315(16), 343(16) Data Science 316(16), 346(16) Mathematical Statistics 312(16), 316(16), 344(16), 364(16)

4.4.2.2 Financial Risk Management

Description of focal area

People with training in Financial Risk Management, Mathematical Statistics and Financial Mathematics are employed by large financial institutions as quantitative financial analysts, among which are financial risk managers, portfolio managers and dealers in financial instruments. This training gives students the necessary background for building a stimulating and financially rewarding career in the financial sector.

BCom (Mathematical Sciences)		
Focal area: Financial Risk Management		
First year (136 or 138 credits)	**Second year (136 or 154 credits)**	**Third year (144 credits)**
Compulsory modules Actuarial Science 112(8) Economics 114(12), 144(12) Financial Accounting 188(24) Probability Theory and Statistics 144(16) Mathematics 114(16), 144(16) **Plus** Business Management 113(12), 142(6) *and* Computer Science 113(16) *or* Computer Science 114(16), 144(16) *Please note:* You must take Business Management 113(12) and 142(6) in the second year if you choose to take Computer Science 114(16) and 144(16) in the first year.	**Compulsory modules** Actuarial Science 211(18)* Financial Risk Management 212(8), 242(8), 252(6) Mathematical Statistics 214(16), 245(8), 246(8) Mathematics 214(16), 244(16) Economics 217(16)#, 248(16)^*or* Financial Accounting 288(32) *or* Operations Research 214(16), 244(16) *Please note:* If you took and passed Computer Science 114(16) and 144(16) in the first year, you must take Business Management 113(12) and 142(6), plus the compulsory modules listed above.	**Compulsory modules** Financial Mathematics 378(32) Financial Risk Management 314(24), 344(24) Mathematical Statistics 312(16), 316(16), 344(16), 364(16)

* Actuarial Science 211 is compulsory for the Financial Risk Management focal area.

\# If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.4.2.3 Operations Research

Description of focal area

In Operations Research, you learn a systematic and rational (scientific) approach towards calculating best (optimal) answers in situations where there is high complexity or uncertainty, or both, and when conflict exists between the possible outcomes. The operational researcher's approach to problem-solving includes searching for mathematical models that offer an optimal answer for different types of situations. This focal area offers powerful tools for solving real, practical management problems that organisations face.

BCom (Mathematical Sciences)		
Focal area: Operations Research		
First year (128 or 136 or 138 credits)	**Second year (128 or 146 credits)**	**Third year (at least 120 credits)**
Compulsory modules Actuarial Science 112(8) Mathematics 114(16), 144(16) Probability Theory and Statistics 144(16) **Plus** Business Management 113(12), 142(6) Computer Science 113(16) *or* Information Systems 112(6) Economics 114(12), 144(12) Financial Accounting 188(24) **Or** Economics 114(12), 144(12) Financial Accounting 188(24) Computer Science 114(16), 144(16) *Please note:* You must take Business Management 113(12) and 142(6) in the second year if you choose to take Computer Science 114(16) and 144(16) in the first year.	**Compulsory modules** Mathematics 214(16), 244(16) Mathematical Statistics 214(16), 245(8), 246(8) Operations Research 214(16), 244(16) **Recommended elective modules** Business Analytics 214(16), 244(16) **Or** any other module(s) with a total of 32 credits that fit in the timetables. *Please note:* If you took and passed Computer Science 114(16) and 144(16) in the first year, you must take Business Management 113(12) and 142(6), plus the compulsory modules listed above.	**Compulsory modules** Operations Research 314(16), 322(16), 344(16), 352(16) **Recommended elective modules** *Plus modules below that follow on second-year modules, to make up 120 credits.* Business Analytics 318(24), 348(24) Financial Mathematics 378(32) Project Management 314(24) Mathematical Statistics 312(16), 316(16), 344(16), 364(16)

4.5 BCom (International Business)

Admission requirements

This is a four-year selection programme, including six months of international exchange.

- Overall National Senior Certificate average of at least 80%, excluding Life Orientation
- Mathematics 70%
- English Home Language 70% *or*
- English First Additional Language 80%

Selection

The BCom (International Business) programme is a strict selection programme with set criteria that have to be met in order to proceed from one academic year to the next.

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Four years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Provisions relating to promotion

The BCom (International Business) programme has strict criteria that must be met for you to proceed from one academic year to the next.

- You have to complete the exchange semester during the second semester of your third or fourth year of study.
- You will only be considered for the exchange semester in your third year if you have completed all required modules for Year 1 and Year 2 by the end of your second year of study.
- If you have not completed all required modules for Year 1 and Year 2 by the end of your second year, you will have to register for Year 4 of this programme (BCom (International Business)) in your third year of study.
- You will only be considered for the exchange semester in your fourth year of study if you have completed all required modules for Year 1, Year 2 and Year 4 by the end of your third year of study.
- If you have not completed all required modules for Year 1, Year 2 and Year 4 by the end of your third year, you will not be allowed to continue with the BCom (International Business) programme and will have to transfer to the BCom (Management Sciences) programme.
- If you have not successfully completed the exchange semester by the end of your fourth year of study, you will have to transfer to the BCom (Management Sciences) programme. If you fail the exchange semester, you will not be able to repeat the exchange module unless you are willing to cover the full cost of the module (tuition, travelling etc.).
- Depending on the circumstances in a given year (like exchange opportunities or other unplanned circumstances), you may be required to enrol for the exchange semester in your fourth year of study, or to switch Years 3 and 4,

Transferring to BCom (International Business)

It is only possible to transfer (articulate) from another programme to the BCom (International Business) programme if

- you meet the minimum admissions requirements and
- the maximum number of enrolments for the programme have not been reached yet.

See Appendix B for a table showing module-specific information that is relevant when articulating between programmes.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/business-management

Programme leader

Prof Pierre Erasmus
Department of Business Management

Programme structure

This programme takes an interdisciplinary approach, combining modules from the Management Sciences and the Social Sciences. It also gives students international exposure through an international exchange semester in the third year. Please note that you may take part in the exchange if you are registered for the full degree (as opposed to being registered for short-term non-degree purposes).

The combination of modules from both Management and Social Sciences corresponds with programme offerings abroad and aligns with the programmes of our exchange partners. The BCom (International Business) programme is therefore suitable for international students, both for degree and for non-degree purposes.

Programme content

You must earn a total of at least 516 credits.

Please note the provisions regarding elective modules and timetable conflicts (see sections 1.6.1 and 1.6.2, of this chapter).

- If you wish to choose any elective modules (as listed in the programme option), you may do so only if timetables allow it.
- Before making a final choice of modules for a specific academic year, you should closely consult the relevant class and assessment timetables. If two modules fall in the same timeslot on a particular timetable, you are not permitted to register for both modules unless you obtain permission from the programme leader.

For the module contents see the chapter "Subjects, Modules and Module Contents" at the end of this Yearbook part.

First year (120 credits)

Compulsory modules

Business Management	113(12), 142(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Information Systems	112(6)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

Elective modules

Plus modules from the list below to make up at least 120 credits in total:

Industrial Psychology	144(12)
Philosophy	114(12), 144(12)
Professional Communication for EMS	144(6)
Sociology	114(12), 144(12)

SECOND YEAR (144 CREDITS)

Compulsory modules

Economics	217(16)[&], 248(16)[^]
Political Science	114(12), 144(12)

Plus at least one of the following language subjects of 24 credits:

Chinese	178 (24) *or*
French	178 (24) [Choose 188(24) if you passed French at Grade 12 level] *or*
German	178 (24) [Choose 188(24) if you passed German at Grade 12 level]

Plus at least one of the following subjects (all modules):

Entrepreneurship and Innovation Management	214(16)[ƒ], 244(16)[ƒ] *or*
Financial Management	214(16), 244(16)[#] *or*
Marketing Management	214(16)[§], 244(16)[§]

Elective modules

Plus at least 32 credits from the following:

Entrepreneurship and Innovation Management	214(16)[ƒ], 244(16)[ƒ]
Financial Management	214(16), 244(16)
Investment Management	254(16
Marketing Management	214(16)[§], 244(16)[§]
Sociology	212(8)[ƒ], 222(8)[ƒ], 242(8)[ƒ], 252(8)[ƒ]

ƒ If you choose Entrepreneurship and Innovation Management 214 and 244, you cannot choose Sociology 212, 222, 242 and 252, owing to timetable restrictions.

§ If you choose the Marketing Management stream, Industrial Psychology 224 is compulsory and can be chosen in the third or fourth year.

& If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

&^ If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

THIRD YEAR (AT LEAST 132 CREDITS)*

Compulsory modules

Exchange Semester	342(60)* [Only if you are registered for the BCom (International Business) degree at Stellenbosch University]
Introduction to Intercultural Communication	312(12)
Legal Aspects of International Transactions	314(12)
Management of Corporate Social Responsibility	314(12)
Political Science	222(8)

* Depending on the circumstances in a given year (like exchange opportunities or other unplanned circumstances), you may be required to enrol for the exchange semester in your fourth year of study, or switch Years 3 and 4.

Elective modules

Plus at least 28 credits from the following:

Economics	318(24)
Entrepreneurship and Innovation Management	214(16), 318(24)
Financial Management	214(16), 213(12), 332(12)
Industrial Psychology	224(16) [Δ]
Investment Management	314(12), 324(12)
Marketing Management	214(12) [Δ], 314(12) [Δ], 324(12) [Δ]
Political Science	212(8)

Δ If you choose the Marketing Management stream, Industrial Psychology 224 is compulsory and can be chosen in the third or fourth year.

FOURTH YEAR (120 CREDITS)*

Compulsory modules

Strategic Management	344(12)

Plus one of the following subjects (all modules) to continue on your focal area from the second and third years:

Entrepreneurship and Innovation Management	318(24), 348(24) *or*
Financial Management	314(12)#, 332(12)#, 352(12), 354(12) *or*
Investment Management	314(12) 324(12), 344(12), 349(12) *or*
Marketing Management§	314(12) ƒ, 324(12) ƒ, 344(12), 354(12)

Elective modules

Plus modules from the list below* to make up at least 120 credits in total along with the modules above:

Economics	318(24), 348(24)
Entrepreneurship and Innovation Management	318(24), 348(24)
Environmental Sociology	333(12)
Financial Management	314(12), 332(12), 352(12) #, 354(12) # *or*
Investment Management	314(12), 324(12), 344(12), 349(12)
Marketing Management§	314(12) ƒ, 324(12) ƒ, 344(12), 354(12)
Industrial Psychology	224(16) Δ
Political Science	242(8), 324(12) ƒ
Social Anthropology	343(12)#

Δ If you choose the Marketing Management stream, Industrial Psychology 224 is compulsory and can be chosen in the third or fourth year.

ƒ If you choose Marketing Management 314 and 324, you cannot choose Political Science 324, owing to timetable restrictions.

If you choose Financial Management 352 and 354, you cannot choose Social Anthropology 343, owing to timetable restrictions.

* Depending on the circumstances in a given year (like exchange opportunities or other unplanned circumstances), you may be required to enrol for the exchange semester in your fourth year of study, or switch Years 3 and 4.

4.6 BDatSci

4.6.1 BDatSci: General information

Interdepartmental and interfaculty collaboration

This programme is presented in four faculties, namely Economic and Management Sciences, Science, AgriSciences and Arts and Social Sciences. The faculty where you are registered awards the degree.

Admission requirements

- Overall NSC average of at least 80%, excluding Life Orientation
- Mathematics 80%
- One of the following:
  - Afrikaans Home Language 60% *or*
  - English Home Language 60% *or*
  - Afrikaans First Additional Language 75% *or*
  - English First Additional Language 75%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Four years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leaders

Enquiries

For further information about the BDatSci programme, visit https://www.su.ac.za/faculties/economy/departments/data-science or email datascience@sun.ac.za.

Programme and focal area leaders

Programme leader

Prof Paul Mostert
Department of Statistics and Actuarial Science

Analytics and Optimisation focal area

Prof Stephan Visagie
Department of Logistics

Behavioural Economics focal area

Prof Rulof Burger
Department of Economics

Statistical Learning focal area

Prof Danie Uys
Department of Statistics and Actuarial Science

Programme structure

The data science programme, BDatSci, comprises several focal areas, each of which spans four years. For each year, there is a set of compulsory modules shared by all the focal areas. There may also be further compulsory and/or elective modules in each year, which are specific to the individual focal area. You will register for BDatSci in the faculty that offers your chosen focal area. After completing your BDatSci degree, you will be able to apply for a master's programme, since BDatSci is a four-year qualification at honours level (NQF level 8).

If you want to transfer (articulate) to BDatSci from another existing academic programme the BDatSci Programme Committee must first approve the transfer. If you plan to change your degree programme to BDatSci, please contact the programme leader at datascience@sun.ac.za for approval.

Focal areas

The objective of focal areas is to help you choose a specific career focus within the BDatSci programme. The focal area is not a programme, and the module combinations are only recommendations so you can make more focussed module choices. Nevertheless, there are several compulsory modules that must be taken within each focal area. The module choices in the tables describing each focal area fit in with the lecture and assessment timetables.

There are eight focal areas in the BDatSci programme, and three of these focal areas are offered in the Faculty of Economic and Management Sciences. Only these three focal areas are described further down under "Focal areas in the BDatSci programme". For the sake of completeness, however, all eight focal areas in the BDatSci programme are listed below. An indication of the faculty where the programme is offered is given in brackets, and you will find the description of the focal area in that faculty's Yearbook part:

- Analytics and Optimisation (Economic and Management Sciences),
- Behavioural Economics (Economic and Management Sciences),
- Statistical Learning (Economic and Management Sciences),
- Applied Mathematics (Science),
- Computer Science (Science),
- Statistical Physics (Science),
- Statistical Genetics (AgriSciences), and
- Geoinformatics (Arts and Social Sciences).

Changing focal areas within the BDatSci programme

Refer to Appendix C for more information on changing focal areas within the BDatSci programme.

4.6.2 Focal areas in the BDatSci programme

4.6.2.1 Analytics and Optimisation

Home Department: Logistics
Faculty of Economic and Management Sciences

Description of focal area

Operations research is an analytical approach to data-driven problem-solving and decision-making. Problems are broken down into basic components and then solved in defined steps by mathematical methods. Operations researchers use mathematical optimisation to determine the best performance under the given circumstances. They use simulation to experiment and test solutions before implementing them and analytics to uncover risks and helpful insights, and to make reliable predictions. The techniques presented in this focal area give data scientists a unique edge to find optimal solutions to real-world problems, and they open doors to careers in areas like business analysis and consulting.

BDatSci			
Focal area: Analytics and Optimisation			
First year (120 credits)	**Second year** (128 credits)**	**Third year (128 credits)**	**Fourth year* (128 credits)**
Compulsory modules Computer Science 113(16) *or* 114(16), 144(16) Data Science 141(16) Mathematics 114(16), 144(16) Probability Theory and Statistics 114(16) **Plus** Actuarial Science 112(8) *and* Applied Mathematics 144(16) **Or** Economics 114(12), 144(12)	**Compulsory modules** Data Science 241(16) Computer Science 214(16) Mathematical Statistics 214(16), 245(8), 246(8) Mathematics 214(16) Operations Research 214(16), 244(16) **Plus** Computer Science 244(16) **Or** Mathematics 244(16)	**Compulsory modules** Computer Science 315(16), 343(16) Data Science 316 (16), 346 (16) Mathematical Statistics 312(16) Operations Research 314(16), 344(16), 352(16)	**Compulsory modules** Advanced Linear Programming 441(15) Data Science Research in Analytics and Optimisation 471 (40) Introduction to Statistical Learning 441(12) Machine Learning 441(16) Metaheuristics 441(15) **Recommended electives** *Choose two modules from the list below:* Methods of Operations Research 441(15) Systems Dynamics 441(15) Agent-based Modelling 471(15) Game Theory 415(15) Capita Selecta: Advanced Topics in Optimisation 471(15)

* Please note that the modules of the fourth year can be presented in either the first or the second semester. A timetable will be determined annually by the relevant department.

** Please note that if you wish to change to the focal area Computer Science, Computer Science 244 is compulsory.

4.6.2.2 Behavioural Economics

Home Department: Economics
Faculty of Economic and Management Sciences

Description of focal area

Data scientists often work with data that capture aspects of human behaviour and reflect decisions made by investors, consumers, workers, politicians, companies and managers. Behavioural economics investigates how psychological and economic factors affect these decisions. This focal area will equip you with the skills, models and theories to understand, predict and influence human behaviour.

BDatSci			
Focal area: Behavioural Economics			
First year (120 credits)	**Second year** (128 credits)**	**Third year (128 credits)**	**Fourth year* (122 credits)**
Compulsory modules Computer Science 114(16), 144(16) Data Science 141(16) Economics 114(12), 144(12) Mathematics 114(16), 144(16) Probability Theory and Statistics 114(16)	**Compulsory modules** Computer Science 214(16) Data Science 241(16) Economics 217#16), 248 (16)^ Mathematical Statistics 214(16), 245(8), 246(8) Mathematics 214(16) **Plus** Computer Science 244(16) **Or** Mathematics 244(16)	**Compulsory modules** Computer Science 315(16), 343(16) Data Science 316 (16), 346(16) Economics 318(24), 388(24) Mathematical Statistics 312(16)	**Compulsory modules** Behavioural Economics 441(10) Econometrics 441(20) Data Science Research in Behavioural Economics 471(40) Introduction to Statistical Learning 441(12) Machine Learning 441(16) Macroeconomics 441(12) Microeconomics 441(12)

* Please note that the modules of the fourth year can be presented in either the first or the second semester. A timetable will be determined annually by the relevant department.

** Please note that if you wish to change to the focal area Computer Science, Computer Science 244 is compulsory.

\# If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

4.6.2.3 Statistical Learning

Home Department: Statistics and Actuarial Science
Faculty of Economic and Management Sciences

Description of focal area

In almost all environments, decision-making is driven by massive amounts of data, which means that there is a dire need for skilled individuals who can make sense of this data deluge. In general, data science entails the gathering and storage of data, the transformation and graphical representation of data and the analysis of data in order to make predictions or inferences. The statistical learning focal area entails identifying trends and patterns in data, and using these to construct statistical models, which can be used to predict or classify. This is an important task across all industries, meaning that individuals with these particular skills can work on solving real-world problems found in a variety of domains.

BDatSci			
Focal area: Statistical Learning			
First year (120 credits)	**Second year*** (128 credits)**	**Third year (128 credits)**	**Fourth year* (124 credits)**
Compulsory modules Computer Science 113(16) *or* 114(16), 144(16) Data Science 141(16) Mathematics 114(16), 144(16) Probability Theory and Statistics 114(16) **Plus** Actuarial Science 112(8) *and* Applied Mathematics 144(16) **Or** Economics 114(12), 144(12)	**Compulsory modules** Computer Science 214(16) Data Science 241(16) Mathematical Statistics 214(16), 245(8), 246(8) Mathematics 214(16), 244(16) Operations Research 214(16) **Plus** Computer Science 244(16) **Or** Operations Research 244(16)	**Compulsory modules** Computer Science 315(16), 343(16) Data Science 316 (16), 346(16) Mathematical Statistics 312(16), 316(16), 344(16), 364(16)	**Compulsory modules** Data Science Research in Statistical Learning 471(40) Introduction to Statistical Learning 441(12) Machine Learning 441(16) **Elective modules** *Choose a minimum of 56 credits.* Bayesian Statistics 441(16) Mathematical Statistics for Data Science 442(16) Multivariate Statistical Analysis A 441(16)** Multivariate Statistical Analysis B 441(16)** Stochastic Simulation 441(12) Time Series Analysis 441(12)

* Please note that the modules of the fourth year can be presented in either the first or the second semester. A timetable will be determined annually by the relevant department.

** Multivariate Statistical Analysis A 441 is a prerequisite for Multivariate Statistical Analysis B 441. You can ask for permission from the programme leader of BDatSci (datascience@sun.ac.za) to take a maximum of 16 credits from other suitable modules in the other focal areas of BDatSci.

*** Please note that if you wish to change to the focal area Computer Science, Computer Science 244 is compulsory.

5. Professional degree programmes

All the professional programmes offer you the opportunity to register with an occupational council and/or a professional society or write qualification examinations.

5.1 BCom (Actuarial Science)

Admission requirements

Minimum requirements for admission:

- Overall NSC average of at least 80%, excluding Life Orientation
- Mathematics 80%
- Home Language 60%
- If the Home Language (in the requirement above) is not English, then also English First Additional Language 75%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Professional qualification and exemption from professional examinations

This programme is aimed at enabling you to make progress towards the professional qualification of actuary. The curriculum is structured in such a way that you can obtain exemptions from certain examinations of the Actuarial Society of South Africa that are necessary for professional qualification. Exemptions are based on your performance in the equivalent university subjects.

Provisions relating to promotion

- If you fail the same Actuarial Science module twice, you will not be permitted to retake that module and you will be expected to change to another programme.
- If you won't be able to complete the BCom (Actuarial Science) programme within the maximum time of four years, you will be expected to change to another programme.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Lucia Rhode
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3952
E-mail: actuarial@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Garrett Slattery
Department of Statistics and Actuarial Science

Programme content

You must earn a total of at least 434 credits, as outlined below. For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

FIRST YEAR (154 CREDITS)

All modules are compulsory.

Actuarial Science	112(8), 142(16)
Business Management	113(12), 142(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Computer Science	113(16)
Mathematics	114(16), 144(16)
Probability Theory and Statistics	144(16)

SECOND YEAR (136 OR 144 CREDITS)

Compulsory modules

Actuarial Science	211(18), 241(22)
Economics	217(16)#
Financial Risk Management	212(8)
Mathematical Statistics	214(16), 245(8), 246(8)
Mathematics	214(16), 244(16)

Elective modules

Plus one of the following (at least 8 credits):

Economics	248(a)(16)^
Financial Risk Management	242(8)

THIRD YEAR (144 CREDITS)

All modules are compulsory.

Actuarial Science	311(24), 341(24), 371(32)
Mathematical Statistics	312(16), 316(16), 344(16), 364(16)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

5.2 BCom (Financial Accounting)

Admission requirements

- Overall National Senior Certificate average of at least 65%, excluding Life Orientation
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Professional qualification

This programme offers professional training aimed at the qualification of Chartered Certified Accountant offered by the Association of Chartered Certified Accountants (ACCA).

Enquiries and programme leader

Enquiries

To find out more about admission, selection and registration procedures, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie, Ms Nadia Cassiem, Ms Asanda Molisi or Mr Evan Fransman
Faculty administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme, please contact:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Dr Elmarie Swanepoel
School of Accountancy

Programme content

You must earn a total of 390 credits, as outlined below. For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

First year (120 credits)

All modules are compulsory.

Business Management	113(12), 142(6)
Digital- and Leadership Acumen	112(6), 122(6), 142(6), 152(6), 162(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

Please note:

- If you failed the module Information Systems 114 in 2022 or earlier, you must register for Digital- and Leadership Acumen 112 *and* 142. Information Systems 114 or both Digital- and Leadership Acumen 112 *and* 142 will count for graduation purposes.
- If you failed the module Information Systems 144 in 2022 or earlier, you must register for Digital- and Leadership Acumen 122 *and* 152. Information Systems 144 or both Digital- and Leadership Acumen 122 *and* 152 will count for graduation purposes.
- If you failed the module Information Systems 152 in 2022 or earlier, you must register for Digital- and Leadership Acumen 162. Information Systems 152 or Digital- and Leadership Acumen 162 will count for graduation purposes.

SECOND YEAR (127 CREDITS)

All modules are compulsory.

Auditing	288(23)#
Financial Accounting	288(32)
Management Accounting	288(24)
Marketing Management	214(16)
Mercantile Law (Commerce)	285(32) [*If you have passed Mercantile Law (Acc) 193, you do not register for Mercantile Law (Commerce) 285, but rather for Mercantile Law (Commerce) 253.*]

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

THIRD YEAR (143 CREDITS)

All modules are compulsory.

Auditing	378(23)#
Financial Accounting	389(48)
Management Accounting	388(48)
Taxation	388(24)

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

5.3 BCom (Industrial Psychology)

Admission requirements

- Overall National Senior Certificate average of at least 65%, excluding Life Orientation
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face)

Professional registration

This qualification can lead to statutory registration with the Health Professions Council of South Africa (HPCSA) as Psychometrist (Independent Practice) once you have successfully completed all of the following:

- BCom (Industrial Psychology) programme,
- BComHons (Industrial Psychology) programme,
- BPsych Equivalence programme, and
- Professional board examination.

Statutory registration with the HPCSA as an industrial psychologist is possible once you have completed the MCom (Industrial Psychology), an internship and have successfully written the professional board examination.

Enquiries and programme leader

Enquiries

To find out more about admission, selection and registration procedure, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie, Ms Nadia Cassiem, Ms Asanda Molisi or Mr Evan Fransman
Faculty administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme, please contact:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/industrial-psychology

Programme leader

Ms Marietha de Wet
Department of Industrial Psychology

Programme content

You must earn a total of 410 credits, as outlined below. For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

FIRST YEAR (138 CREDITS)

All modules are compulsory.

Business Management	113(12), 142(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Industrial Psychology	114(12), 144(12)
Psychology	114(12), 144(12)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

SECOND YEAR (128 CREDITS)

Compulsory modules

Industrial Psychology	214(16), 224(16), 252(8), 262(8)
Psychology	213(8), 223(8), 243(8), 253(8)

Elective modules

- Choose one full subject of two modules plus one other module of 16 credits.
- Modules marked with a hash (#) cannot be taken together.
- Take into account the prerequisites for second- and third-year modules. (See Appendix A for prerequisites.)
- If you take Marketing Management 214 and 244, you must take Financial Management 214 (marked with a Δ). Also see the prerequisites for Marketing Management 214 and 244 in Appendix A at the back of this book

Entrepreneurship and Innovation Management	214(16), 244(16)
Financial Management	214(16) Δ, 244(16)#
Investment Management	254(16)#
Marketing Management	214(16) Δ, 244(16) Δ

THIRD YEAR (144 CREDITS)

Compulsory modules

Industrial Psychology	314(12), 324(12), 348(24)
Psychology	314(12), 324(12), 348(24)

Elective modules

Plus 48 credits (all the modules) from one of the following three subjects.

Entrepreneurship and Innovation Management	318(24), 348(24) *or*
Financial Management	314(12), 332(12), 352(12), 354(12) *or*
Marketing Management	314(12), 324(12), 344(12), 354(12)

5.4 BCom (Management Accounting)

Admission requirements

- Overall National Senior Certificate average of at least 65%, excluding Life Orientation
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Professional qualification

This programme offers professional training aimed at the Chartered Management Accountant (CIMA) qualification.

Enquiries and programme leader

Enquiries

To find out more about admission, selection and registration procedures, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie, Ms Nadia Cassiem, Ms Asanda Molisi or Mr Evan Fransman
Faculty administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme, please contact:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Mr Roelof Baard
School of Accountancy

Programme content

You must earn a total of 391 credits, as outlined below. For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

FIRST YEAR (120 CREDITS)

All modules are compulsory.

Business Management	113(12), 142(6)
Digital- and Leadership Acumen	112(6), 122(6), 142(6), 152(6), 162(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

Please note:

- If you failed the module Information Systems 114 in 2022 or earlier, you must register for Digital- and Leadership Acumen 112 *and* 142. Information Systems 114 or both Digital- and Leadership Acumen 112 *and* 142 will count for graduation purposes.
- If you failed the module Information Systems 144 in 2022 or earlier, you must register for Digital- and Leadership Acumen 122 *and* 152. Information Systems 144 or both Digital- and Leadership Acumen 122 *and* 152 will count for graduation purposes.
- If you failed the module Information Systems 152 in 2022 or earlier, you must register for Digital- and Leadership Acumen 162. Information Systems 152 or Digital- and Leadership Acumen 162 will count for graduation purposes.

SECOND YEAR (128 CREDITS)

All modules are compulsory.

Digital- and Leadership Acumen	212(6), 246(6)
Financial Accounting	288(32)
Industrial Psychology (Special)	244(12)
Management Accounting	288(24)
Marketing Management	214(16)
Mercantile Law (Commerce)	285(32) [*If you have passed Mercantile Law (Acc) 193, you do not register for Mercantile Law (Commerce) 285, but rather for Mercantile Law (Commerce) 253.*]

Please note:

- If you failed the module Information Systems 214 in 2022 or earlier, you must register for Digital- and Leadership Acumen 212. Information Systems 214 or Digital- and Leadership Acumen 212 will count for graduation purposes.
- If you failed either Information Systems 242 or Digital- and Leadership Acumen 242 in 2024 or earlier, you must register for Digital- and Leadership Acumen 246. Any one of Information Systems 242, Digital- and Leadership Acumen 242 or Digital- and Leadership Acumen 246 will count for graduation purposes.

THIRD YEAR (143 CREDITS)

All modules are compulsory.

Auditing	388(23)#
Financial Accounting	389(48)
Management Accounting	388(48)
Taxation	388(24)

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

5.5 BAcc

Admission requirements

- Overall National Senior Certificate average of at least 70%, excluding Life Orientation
- Mathematics 70% *or*
- Mathematics 60% and Accounting 70%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Please note: This programme is presented in English and Afrikaans. For the first-year modules there are separate Afrikaans and English groups. In later study years some modules are presented in English with simultaneous interpreting in Afrikaans.

Selection

The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year. All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Professional qualification

This programme offers professional education to qualify as a Chartered Accountant.

Enquiries and programme leaders

Enquiries

To find out more about admission, selection and registration procedures, module options and credit requirements, please contact:

Ms Lauren Delport, Mr Meyrick Balie or Ms Nadia Cassiem
Faculty administrator
Administrative Building A
Tel: 021 808 9111
E-mail: registrarems@sun.ac.za

For general enquiries about the academic content of the programme, please contact:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leaders

Prof Stiaan Lamprecht, Prof Pieter von Wielligh and Ms Sybil Smit
School of Accountancy

Programme content

You must earn a total of 452 credits, as outlined below. For a description of individual module contents, see the chapter "Subjects, Modules and Module Contents" at the end of this book.

FIRST YEAR (138 CREDITS)

All modules are compulsory.

Business Management	113(12), 142(6)
Digital- and Leadership Acumen	112(6), 122(6), 142(6), 152(6)
Economics	114(12), 144(12)
Financial Accounting	178(24)*
Mercantile Law (Acc)	193(24)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

* If you did not pass Accounting in Grade 12, you must register for Financial Accounting 188, instead of Financial Accounting 178.

Please note:

- If you failed the module Information Systems 114 in 2022 or earlier, you must register for Digital- and Leadership Acumen 112 *and* 142. Information Systems 114 or both Digital- and Leadership Acumen 112 *and* 142 will count for graduation purposes.
- If you failed the module Information Systems 144 in 2022 or earlier, you must register for Digital- and Leadership Acumen 122 *and* 152. Information Systems 144 or both Digital- and Leadership Acumen 122 *and* 152 will count for graduation purposes.

SECOND YEAR (156 CREDITS)

All modules are compulsory.

Auditing	288(23)#
Business Ethics	214(8)
Digital- and Leadership Acumen	212(6), 246(6), 245(8)
Financial Accounting	278(30)#
Management Accounting	278(30)
Mercantile Law (Acc)	292(21)#
Taxation	298(24)

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

Please note:

- If you failed the module Information Systems 214 in 2022 or earlier, you must register for Digital- and Leadership Acumen 212. Information Systems 214 or Digital- and Leadership Acumen 212 will count for graduation purposes.
- If you failed either Information Systems 242 or Digital- and Leadership Acumen 242 in 2024 or earlier, you must register for Digital- and Leadership Acumen 246. Any one of Information Systems 242, Digital- and Leadership Acumen 242 or Digital- and Leadership Acumen 246 will count for graduation purposes.
- All students graduating from 2025 onwards will have to present Digital- and Leadership Acumen 245 for graduation purposes.

THIRD YEAR (158 CREDITS)

All modules are compulsory.

Auditing	378(23)#
Digital- and Leadership Acumen	312(8), 352(8)
Financial Accounting	379(45)#
Management Accounting	378(36)
Portfolio of Evidence: Accountancy	378(2)
Taxation	399(36)

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

Please note:

- From 2024 onwards, Digital- and Leadership Acumen 312 and 352 will count for graduation. However, if you successfully completed either Information Systems 312 or Digital- and Leadership Acumen 324 before 2024, you can present either of these modules in the place of Digital- and Leadership Acumen 312 and will not be required to register for Digital- and Leadership Acumen 312.
- If you failed Financial Accounting 278 and are repeating it in your third year, you may only register for the third-year modules Digital- and Leadership Acumen 312 and 352 and Auditing 378 (if you meet the prerequisite, pass requisite and corequisite module requirements) while you are repeating Financial Accounting 278. You can only register for the remaining third-year modules once you have passed Financial Accounting 278.

6. Degree programmes that include studies in Law

6.1 BCom (Law)

If you are a student in this programme and you do not pass a law module in the relevant year of study, you must take note of the bridging rules contained in the Faculty of Law's Yearbook part.

Interdepartmental and interfaculty collaboration

This programme is presented in collaboration with the Faculty of Law. The Faculty of Economic and Management Sciences awards the degree.

Admission requirements

- An overall average of at least 70%, excluding Life Orientation, in the National Senior Certificate (NSC) *or* Independent Examinations Board (IEB) school-leaving certificate
- Mathematics 60%
- One of the following:
  - Afrikaans Home Language 60% *or*
  - English Home Language 60% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The Faculty of Law selects the students for this programme. See the Yearbook part for Law for more information.

The Faculty of Law uses the results of the National Benchmark Test (NBT) for selection. If you want to apply for admission to the BCom (Law) programme, you must write the Academic and Quantitative Literacy Test (AQL) and the Mathematics Test (MAT). You must write these tests before **31 July**, and you can do so countrywide at various centres. Visit the NBT website, www.nbt.ac.za, or the SU website www.maties.com for more information.

Duration and offering type of programme

Three years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Further studies

Once you have completed the BCom (Law) at Stellenbosch University, you may enrol for the two-year LLB programme to obtain the professional LLB degree. See the Faculty of Law's Yearbook part for the requirements of the two-year LLB programme.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Shirle Cornelissen
Faculty administrator for the Faculty of Law
Registrar's Division
Tel: 021 808 4850
E-mail: shirle@sun.ac.za

Website: https://www.su.ac.za/en/faculties/law

Programme leader

Prof Philip Sutherland
Faculty of Law

Programme content

You must earn a total of 424 credits, as outlined below.

In this programme you take subjects from the broad BCom (Management Sciences) programme alongside a number of law subjects. For the module contents of BCom (Management Sciences) subjects, see the chapter "Subjects, Modules and Module Contents" at the end of this book, and for the module contents of law subjects, see the Faculty of Law's Yearbook part.

First year (144 credits)

Compulsory modules

Business Management	113(12), 142(6)
Economics	114(12), 144(12)
Financial Accounting	188(24)
Foundations of Law	178(24)
Information Systems	112(6)
Introduction to Constitutional Law and Statutory Interpretation	178(18)
Law of Persons	144(12)
Legal Skills	114(12)
Theory of Interest	142(6)

Second year (130 credits)

All modules are compulsory.

African Customary Law	278(18)
Constitutional Law	214(12)
Economics	217(16)#, 248(16)^
Family Law	214(12)
Financial Accounting	288(32)
Law of Civil Procedure	244(12)
Legal Ethics	214(12)

Third year (150 credits)

Constitutional Law	244(12)
Economics	318(24), 348(24) *or*
Financial Accounting	389(48)
Economics	381(24) *or*
Taxation	388(24)
Jurisprudence	244(12)
Labour Law	244(12)
Law of Succession	214(12)
Law of Civil Procedure	314(12)
Property Law	278(18)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

6.2 BAccLLB

Interdepartmental and interfaculty collaboration

This programme is presented jointly by the Faculty of Economic and Management Sciences and the Faculty of Law. It enables you to complete both the BAcc and the LLB degrees as a single, combined qualification in a minimum time of five years.

Admission requirements

- An overall average of at least 80%, excluding Life Orientation, in the National Senior Certificate (NSC) or Independent Examinations Board (IEB) school-leaving certificate
- Mathematics 70% *or*

  Mathematics 60% and Accounting 70%
- One of the following:
  - Afrikaans Home Language 60% *or*
  - English Home Language 60% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Selection

The Faculty of Law selects the students for this programme. See the Yearbook part for Law for more information.

The Faculty of Law uses the results of the National Benchmark Test (NBT) for selection. If you want to apply for admission to the BCom (Law) programme, you must write the Academic and Quantitative Literacy Test (AQL) and the Mathematics Test (MAT). You must write these tests before **31 July**, and you can do so countrywide at various centres. Visit the NBT website, www.nbt.ac.za, or the SU website www.maties.com for more information.

Application procedure and closing date

Apply electronically at www.maties.com by **31 July** of the year before your intended studies. For more on the application and admission process, see section 1 of this chapter.

Duration and offering type of programme

Five years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Professional qualification

This programme offers the applicable education necessary to qualify as a Chartered Accountant and as a legal practitioner simultaneously.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Shirle Cornelissen
Faculty administrator for the Faculty of Law
Registrar's Division
Tel: 021 808 4850
Email: shirle@sun.ac.za

Website: https://www.su.ac.za/en/faculties/law

Programme leader

Ms Silke de Lange
Faculty of Law

Programme content

You must earn a total of 823 credits, as outlined below.

For the module contents of BAcc subjects, see the chapter "Subjects, Modules and Module Contents" at the end of this Yearbook part, and for the module contents of law subjects, see the Faculty of Law's Yearbook part.

FIRST YEAR (162 CREDITS)

All modules are compulsory.

Digital- and Leadership Acumen	112(6), 122(6), 142(6), 152(6)
Economics	114(12), 144(12)
Financial Accounting	178(24)
Foundations of Law	178(24)
Introduction to Constitutional Law and Statutory Interpretation	178(18)
Law of Persons	144(12)
Legal Skills	114(12)
Statistics and Data Science	188(18)
Theory of Interest	142(6)

Please note:

- If you failed the module Information Systems 114 in 2022 or earlier, you must register for Digital- and Leadership Acumen 112 *and* 142. Information Systems 114 or both Digital- and Leadership Acumen 112 *and* 142 will count for graduation purposes.
- If you failed the module Information Systems 144 in 2022 or earlier, you must register for Digital- and Leadership Acumen 122 *and* 152. Information Systems 144 or both Digital- and Leadership Acumen 122 *and* 152 will count for graduation purposes.

SECOND YEAR (151 CREDITS)

All modules are compulsory.

African Customary Law	278(18)
Auditing	288(23)#
Constitutional Law	214(12), 244(12)
Digital- and Leadership Acumen	212(6), 246(6), 245(8) Δ
Family Law	214(12)
Labour Law	244(12)
Law of Succession	214(12)
Legal Ethics	214(12)
Property Law	278(18)

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

Δ If you started your studies in 2022, you will have to take Digital- and Leadership Acumen 245 in 2024 during your third year. All students graduating from 2025 onwards will have to present Digital- and Leadership Acumen 245 for graduation purposes.

Please note:

- If you failed the module Information Systems 214 in 2022 or earlier, you must register for Digital- and Leadership Acumen 212. Information Systems 214 or Digital- and Leadership Acumen 212 will count for graduation purposes.
- If you failed either Information Systems 242 or Digital- and Leadership Acumen 242 in 2024 or earlier, you must register for Digital- and Leadership Acumen 246. Any one of Information Systems 242, Digital- and Leadership Acumen 242 or Digital- and Leadership Acumen 246 will count for graduation purposes.

THIRD YEAR (168 CREDITS)

All modules are compulsory.

Business Organisations and Insolvency Law	344(12)
Criminal Justice in Action	344(12)
Criminal Law	314(12)
Financial Accounting	278(30)#
Law of Civil Procedure	244(12)
Law of Contract	378(24)
Law of Criminal Procedure	314(12)
Law of Evidence	344(12)
Management Accounting	278(30)
Public International Law	314(12)

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

Please note:

If you started your studies in 2022, you must take note of (Δ) above, under the second year of the programme, which relates to Digital- and Leadership Acumen 245.

FOURTH YEAR (170 CREDITS)

All modules are compulsory.

Administrative Law	414(12)
Company Law	478(24)
Digital- and Leadership Acumen	312(8)#
Jurisprudence	244(12)
The Law and Technology	414(12)
Law of Civil Procedure	314(12)
Law of Delict	344(18)
Law of Income Tax	414(12)
Practical Legal Training	444(12)
Specific Contracts	414(12)
Taxation	298(24)
One second semester LLB elective modules (12 credits**) ** See the Faculty of Law's Yearbook part for the elective modules in the final year of the four-year LLB.	

You may present either Information Systems 312, Digital- and Leadership Acumen 324 or Digital- and Leadership Acumen 312 for graduation purposes.

Please note:

If you previously failed Information Systems 312 or Digital- and Leadership Acumen 324, you must register for Digital- and Leadership Acumen 312. Any one of Information Systems 312, Digital- and Leadership Acumen 312 or Digital- and Leadership Acumen 324 will count for graduation purposes.

FIFTH YEAR (172* CREDITS)

All modules are compulsory.

Auditing	378(23)#
Digital- and Leadership Acumen	352(8) Δ
Financial Accounting	379(45)#
Integrated Legal Studies	444(12)
Management Accounting	378(36)
Taxation	399(36)
One first semester LLB elective modules (12 credits**) ** See the Faculty of Law's Yearbook part for the elective modules in the final year of the four-year LLB.	

The credits for this module have been adjusted as of 2024. However, if you passed the module in a previous year, you will still be allowed to present it for degree purposes and do not need to present the module with the adjusted credit load.

Δ If you are graduating in 2024 or later, you will have to present Digital- and Leadership Acumen 352 for graduation purposes.

* From 2030 onwards, all students who enrol in the fifth year of the programme for the first time will have to present Portfolio of Evidence: Accountancy 378(2) for graduation purposes. Accordingly, from 2030 onwards, the fifth year of the programme will total 174 credits.

7. BCom (Management Sciences) Extended Curriculum Programme (ECP) (four years)

Admission requirements

- Overall National Senior Certificate average of at least 60%, excluding Life Orientation
- Mathematics 50%
- One of the following:
  - Afrikaans Home Language 50% *or*
  - English Home Language 50% *or*
  - Afrikaans First Additional Language 70% *or*
  - English First Additional Language 70%

Please note:

- You cannot apply for the extended curriculum programme, but you may be offered a place in the ECP if you are not selected for the mainstream programme.
- Only South African citizens can register for this programme.
- This programme is exclusively for students who were enrolled in school full time in the year preceding registration and completed a full school-leaving examination.

Selection

You will be considered for the BCom (Management Sciences) ECP if you meet the ECP's admission requirements. Furthermore, you will get preference if you meet the socio-economic status (SES) requirements of the University's admissions policy and the SES level determined by the University. The University determines all applicants' SES scores.

You can find the University admissions policy and SES considerations on the University website, www.maties.com under "Apply", "Admission and Selection Requirements". Look under the heading "Faculty Selection Guidelines".

Approximately 100 students can be accommodated in the programme each year. The number of students selected is determined by the Faculty's enrolment plan and may differ from year to year.

All applications undergo a selection process, which means that, even if you meet the minimum admission requirements, you will not necessarily gain admission. Visit the Faculty's webpage at https://www.su.ac.za/en/faculties/economy/prospective-students for the selection criteria.

For more about the undergraduate selection process, see the relevant sections at the beginning of this chapter.

Duration and offering type of programme

Four years, full-time.

Programme's mode of delivery

Full-contact learning (face-to-face).

Provisions relating to promotion

The BCom (Management Sciences) ECP has strict criteria that must be met for you to proceed from the first academic year to the next. This means you must pass both Mathematics for EMS 171 and Introduction to Economics 141 in your first year of studies to be able to register for the second year of the ECP. If you do not pass Academic Literacy for EMS 111 in your first academic year, you must pass the module in your second academic year to continue with your studies.

The readmission criteria that apply to all students in the Faculty apply to ECP students as well. However, if you do not meet the criteria relating to promotion stated above, you will not be able to appeal for readmission in this faculty nor will you be able to register for any other programme in the Faculty.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Ilse Frans
Student academic advisor
Tel: 021 808 9525
E-mail: emsinfo@sun.ac.za

Programme leader

Dr Sharon Malan
Dean's Office
Faculty of Economic and Management Sciences

Programme structure

The ECP spreads the BCom (Management Sciences) curriculum out over four academic years instead of three and adds a number of compulsory support modules. Please note that:

- You must take part in the tutorial programmes.
- You must meet with the programme leader regularly to monitor your progress.
- It is compulsory for you to attend classes and other mandatory academic activities.

Please note: You can only transfer (articulate) to another programme from this programme if you meet specific criteria. Please contact your programme leader in this regard.

Programme content

You must earn a total of 424 credits.

Except for the support modules, the module in this programme come from the curriculum prescribed for the BCom (Managements Sciences). In choosing your modules, please take note of the stipulations regarding timetable clashes in the general section at the beginning of this chapter. If you wish to choose other elective modules from the general BCom (Management Sciences) programme, you must check that the timetables allow for your selection. You will also have to register in person with the faculty administrators on the day of assisted registration. See 1.6.2 in this chapter for more on timetable clashes.

The following support modules are in the programme. It is compulsory for you to register for these modules in your first academic year and to attend the classes and tutorials:

- Academic Literacy for EMS 111
- Mathematics for EMS 171
- Introduction to Economics 141

Please note the following prerequisite pass requirements for the ECP:

- You must pass Mathematics for EMS 171 before you can register for Statistics and Data Science 188
- You must pass Introduction to Economics 141 before you can register for Economics 114 and 144.

FIRST YEAR (98 CREDITS)

Compulsory modules

Academic Literacy for Economic and Management Sciences	111(12)
Business Management	113(12), 142(6)
Information Systems	112(6)
Introduction to Economics	141(12)
Financial Accounting	179(26)
Mathematics for Economic and Management Sciences	171(18)
Theory of Interest	142(6)

SECOND YEAR (104 CREDITS)

Compulsory modules

Economics	114(12), 144(12)
Professional Communication for EMS	144(6)
Statistics and Data Science	188(18)

Elective modules

Choose subjects to a total of at least 56 credits:

Entrepreneurship and Innovation Management	214(16)*, 244(16)*
Financial Accounting	288(32)
Financial Management	214(16), 244(16)*
Industrial Psychology	114(12), 144(12)
Introduction to Transport and Logistics Systems	144(12)
Logistics and Supply Chain Management	214(16)*, 244(16)*
Marketing Management	214(16)*, 244(16)*
Organisational Informatics	214(16), 244(16)
Public and Development Management	114(12), 144(12)
Socio-informatics	214(16), 244(16)

* Writing- and information-enriched modules. In your third year this becomes important – see below.

THIRD YEAR (102 CREDITS)

Elective modules

You must take at least 32 credits from writing- and information-enriched modules (marked with an *). These modules can be spread over the second and third years, so take into account the modules marked above (in the second year).

Business Analytics	214(16), 244(16)
Economics	217(16)*#, 248(16)*^, 281(32)*
Entrepreneurship and Innovation Management	214(16)*, 244(16)*
Financial Accounting	288(32)
Financial Management	214(16), 244(16)*
Industrial Psychology	214(16), 224(16)*, 252(8), 262(8)
Investment Management	254(16)
Logistics and Supply Chain Management	214(16)*, 244(16)*
Marketing Management	214(16)*, 244(16)*
Organisational Informatics	244(16)
Socio-informatics	214(16), 244(16)
Transport Economics	214(16), 244(16)

If you failed Economics 214 in 2025 or earlier, you must register for the interim module Economics 271. Economics 214, 217 or 271 will count for graduation purposes.

^ If you failed Economics 244 in 2025 or earlier, you must register for the interim module Economics 246. Economics 244, 248 or 246 will count for graduation purposes.

#^If you failed both Economics 214 and Economics 244 in 2025 or earlier, you must register for Economics 217 and 248. Either Economics 214 and 244 or Economics 217 and 248 will count for graduation purposes.

Fourth year (120 credits)

Choose 120 credits from the list below of which two subjects must be majors. Each major must be worth at least 48 credits.

Business Analytics	318(24), 348(24)
Economics	318(24), 348(24)
Entrepreneurship and Innovation Management	318(24), 348(24)
Financial Management	314(12), 332(12), 352(12), 354(12)
Human Capital Metrics	344(12)
Industrial Psychology	314(12), 324(12), 348(24)
Introduction to Intercultural Communication	344(12)
Investment Management	314(12), 324(12), 344(12), 349(12)
Logistics and Supply Chain Management	314(12), 324(12), 344(12), 354(12)
Management of Corporate Social Responsibility	314(12)
Marketing Management	314(12), 324(12), 344(12), 354(12)
Organisational Informatics	318(24), 348(24)
Project Management	314(24)
Socio-informatics	348(24)
Strategic Management	344(12)
Taxation	388(24)
Transport Economics	318(24), 348(24)

Postgraduate Programmes

1. General information for all postgraduate programmes

The information in this section applies to most of the postgraduate programmes and is not repeated for each programme, so please read it through carefully. Exceptions and deviations are, however, indicated at the individual programmes.

1.1 Postgraduate programmes in the Faculty

The table below lists the postgraduate programmes up to master's level by the department, school or centre where they are offered. The campus or facility is indicated in italics where necessary. All departments, schools and centres also offer a PhD programme. For more on the PhD, see the doctoral section at the end of this chapter.

Africa Centre for Inclusive Health Management
PGDip (HIV/Aids Management)
MPhil (HIV/Aids Management)
Centre for Sustainability Transitions (CST)
PGDip (Sustainable Development)
MPhil (Sustainable Development)
Department of Business Management
PGDip (Marketing)
BComHons (Business Management)
MCom (Business Management)
Department of Economics
BComHons (Economics)
BComHons (Economics and Mathematical Statistics) [with the Department of Statistics and Actuarial Science]
MCom (Economics)
Department of Industrial Psychology
PGDip (Strategic Human Resource Management)
BComHons (Human Resource Management)
BComHons (Industrial Psychology)
MCom (Human Resource Management)
MCom (Industrial Psychology)
Department of Logistics
PGDip (Transport and Logistics)
BComHons (Logistics Management)
BComHons (Operations Research)
BComHons (Transport Economics)
MCom (Logistics Management)
MCom (Operations Research)
MCom (Transport Economics)
Department of Statistics and Actuarial Science
PGDip (Actuarial Science)
BComHons (Actuarial Science)
BComHons (Economics and Mathematical Statistics) [with the Department of Economics]
BComHons (Financial Risk Management)
BComHons (Mathematical Statistics)
BComHons (Statistics)
MCom (Actuarial Science)
MCom (Financial Risk Management)
MCom (Mathematical Statistics)
MCom (Statistics)

School of Accountancy
PGDip (Accounting)
BComHons (Management Accounting)
BAccHons
MCom (Computer Auditing)
MCom (Financial Accounting) *This programme will not take in any new students in 2026.*
MCom (Management Accounting)
MCom (Taxation)
MAcc (Auditing)
MAcc (Financial Accounting)
MAcc (Taxation)
School of Public Leadership (SPL), *Bellville Park*
PGDip (Environmental Management) *Stellenbosch*
PGDip (Public Finance Management)
BComHons (Public and Development Management)
BPubAdminHons
MCom (Public and Development Management)
M (Public Administration)
MPhil (Environmental Management) *Stellenbosch*
Stellenbosch Business School, *Bellville Park*
PGDip (Business Management and Administration)
PGDip (Development Finance)
PGDip (Financial Planning)
PGDip (Futures Studies)
PGDip (Leadership Development)
PGDip (Project Management)
MPhil (Development Finance)
MPhil (Futures Studies)
MPhil (Management Coaching)
MBA

1.2 Undergraduate module requirements for postgraduate programmes

In Appendix D to this Yearbook part, you will find a table showing the minimum module requirements for admission to certain postgraduate programmes. Review this table to determine whether you meet the requirements for the postgraduate programme you wish to follow.

1.3 Selection

Every postgraduate programme in the Faculty is potentially a selection programme since the capacity of the relevant department determines the number of students that can be accommodated in each programme. This means that selection happens when more candidates apply than the department can accommodate in a specific programme. There are, however, also programmes where selection always happens, regardless of how many candidates apply. Departments may choose to list specific requirements and criteria at the relevant programme entries below or on their website or in the programme brochure.

1.4 Postgraduate assessment and examination

- Assessment is determined at modular level; therefore, consult the relevant module framework for more information.
- For the Faculty's postgraduate assessment rules, click here.
- For more information and the general rules on assessment, see Part 1 (General Rules) of the Yearbook, under "Assessments and Promotions".
- For the general specifications for assignments, theses, and dissertations, consult the section "Postgraduate Qualifications" in Part 1 (General Rules) of the Yearbook.
- For specific information relating to the assignment, thesis or dissertation for an individual programme, consult the programme administrator or leader or relevant programme documentation.

1.5 Pass requirements for postgraduate programmes

The pass mark for postgraduate programmes is 50% and to pass with distinction you need 75%. More detailed information on pass requirements for individual programmes is available from the relevant programme administrator or leader.

1.6 Continuation of registration for postgraduate programmes

The following minimum and maximum enrolment durations apply to all new full-time and part-time master's and doctoral students who enrol in the 2027 academic year and thereafter.

Programme Type	Study Mode	Minimum Duration	Maximum Duration
Master's	Full-time	1 year	3 years
Master's	Part-time	2 years	4 years
Doctoral	Full-time	2 years	4 years
Doctoral	Part-time	2 years	5 years

Please refer to Part 1 (General Rules) of the Yearbook for more information.

1.7 Different campuses and facilities

Some postgraduate programmes are presented by the Stellenbosch Business School or the School for Public Leadership, both of which are on the Bellville Park campus of the University. The School of Public Leadership also presents classes at the Sustainability Institute at Lynedoch. The place where a particular diploma programme will be presented, if not Stellenbosch campus, is indicated below for each individual Programme under "Programme structure".

2. Postgraduate diploma programmes

If you have not done so yet, please also consult the general section of this chapter for information on things like selection and postgraduate assessment. For information on the recognition of prior learning (RPL) and credit transfer and accumulation (CAT), and links to the University's and the Faculty's regulations in this regard, see the chapter "General Information" at the beginning of this book.

2.1 Postgraduate Diploma in Accounting

Admission requirements

For students with degrees from Stellenbosch University

- A weighted average final mark of at least 58% for the following modules in the BAcc or BAccLLB programme:
  - Financial Accounting 379
  - Taxation 399
  - Management Accounting 378
  - Auditing 378

  The following weightings are used in the calculation of the weighted average final mark:
  - Financial Accounting and Management Accounting, 4 each;
  - Taxation and Auditing, 3 each.

or

- A weighted average final mark of at least 53% for the following modules in the BAcc or BAccLLB programme:
  - Financial Accounting 379
  - Taxation 399
  - Management Accounting 378
  - Auditing 378

  and

  A final mark of at least 53% for Financial Accounting 379

  The following weightings are used in the calculation of the weighted average final mark:
  - Financial Accounting and Management Accounting, 4 each;
  - Taxation and Auditing, 3 each.

For students with degrees from other universities

If you obtained an undergraduate qualification from another higher education institution, which is equivalent to the BAcc (NQF level 7) or BAccLLB (NQF level 8) and is accredited with SAICA, the admission requirements for you are the same as for students with degrees from Stellenbosch University.

If you have a degree from an international university, you will not be admitted directly to the programme. In that case, you must first supplement certain undergraduate modules. You can request more details from the School of Accountancy.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and university transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the School, the criteria of the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies (https://student.sun.ac.za/). The closing date for applications is **31 October** of the year before your intended studies.

Duration, offering type and starting date of programme

Duration: One year, full-time.
Starting date: There may be a compulsory induction programme before classes officially start.

Programme's mode of delivery

Full-contact learning (face-to-face).

Assessment and examination

A compulsory examination is written in October. Tests and assignments (if any) that are assessed on a continuous basis supplement the final mark. You must pass all the compulsory modules (see the table below) in the same academic year to pass the programme. If you do not pass the programme after the examination, you may possibly be admitted to the supplementary examination in one or more modules. The supplementary examination is written in November.

Qualifying as a Chartered Accountant

The South African Institute of Chartered Accountants (SAICA) controls the chartered accounting profession in the Republic of South Africa. To qualify as a Chartered Accountant (after obtaining a bachelor's degree), you must:

- pass a SAICA-accredited undergraduate and postgraduate programme;
- pass both SAICA's Initial Assessment of Competence and their Assessment of Professional Competence; *and*
- complete a three-year traineeship at an approved training organisation.

To gain admission to SAICA's Initial Assessment of Competence, you must obtain either the Postgraduate Diploma in Accounting or the degree BAccHons at this University, or another degree or diploma that has been approved by SAICA for this purpose.

To gain admission to SAICA's Assessment of Professional Competence, you must:

- successfully complete the Initial Assessment of Competence;
- successfully complete a preparatory course (at an approved educational organisation) aimed at the Assessment of Professional Competence;
- complete 20 months of traineeship at an approved training organisation.

Enquiries and programme leaders

Enquiries

Please direct your queries to:

Mr Kyle Gordon
Programme administrator
School of Accountancy
Tel: 021 808 3845
E-mail: kdgordon@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leaders

Prof Soon Nel and Ms Anne-Marie Eloff
School of Accountancy

Programme content

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

The following accounting subject areas are presented as an integrated unit: within the modules listed as compulsory modules.

- auditing, regulation and information systems
- financial accounting
- financial management
- management decision-making and control
- strategy and risk management
- taxation

Compulsory modules (120 credits)

Also see the outline of integrated subject areas above.

Code	Module	Credits	Module Name	Semester
14072	771	24	Auditing, Regulation and Information Systems	Both
26883	771	40	Financial Accounting	Both
14071	771	32	Management Accounting and Finance	Both
18287	771	24	Taxation	Both

2.2 Postgraduate Diploma in Actuarial Science

You can apply for this programme if you have completed an honours degree in Actuarial Science and wish to study further towards an actuarial qualification but do not yet want to take a master's degree programme (which has a significant research component).

Admission requirements

- A BCom (Actuarial Science) or equivalent degree with Actuarial Science and Mathematical Statistics as majors and Mathematics to at least second-year level.
- Exemptions from or passes in the profession's examinations for at least six of the foundation technical and intermediate technical examinations of the Actuarial Society of South Africa (or at least six of the core principles examinations of the Institute and Faculty of Actuaries).

Please note:

It is expected that you should have an average mark for both third-year Actuarial Science and third-year Mathematical Statistics of at least 60%.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and university transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the Department, the criteria of the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Application procedures and dates are advertised by the Department of Statistics and Actuarial Science in December and June of every year. For more information, contact the Department at the details under "Enquiries" below.

Duration, offering type and starting date of programme

Duration: Minimum one year, full-time.
Starting date: January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Lucia Rhode
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3952
E-mail: actuarial@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Garrett Slattery
Department of Statistics and Actuarial Science

Programme content

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

The elective modules that you may take to make up the total number of credits are listed below.

Elective modules (120 credits)

Code	Module	Credits	Module Name	Semester
12302	774	60	Actuarial Risk Management (A311)	Both
13697	811	60	Capita Selecta: Actuarial Applications A	1
13699	841	60	Capita Selecta: Actuarial Applications B	2
14224	741	6	Capita Selecta: Actuarial Principles A	Both
14225	742	15	Capita Selecta: Actuarial Principles B	2
14226	743	30	Capita Selecta: Actuarial Principles C	2
10365	846	45	Enterprise Risk Management Principles (F106)	2
10364	845	45	Finance and Investment Principles (F105)	2
10360	843	45	General Insurance Principles (F103)	2
10368	811	45	Health and Care Principles (F101)	1
10372	812	45	Life Insurance Principles (F102)	1
10376	814	45	Pensions Principles (F104)	2

Furthermore, you may take modules totalling up to 30 credits from topics offered in the Mathematical Statistics or Financial Risk Management postgraduate programmes (as approved by the Head of Actuarial Science from time to time).

Please note:

Some of the elective modules may not be offered in a given year. Please contact the Department of Statistics and Actuarial Science to find out which modules will be available.

2.3 Postgraduate Diploma in Business Management and Administration

Admission requirements

One of the following with an average of at least 50%:

- A three-year bachelor's degree *or*
- An advanced diploma at NQF level 7 or higher *or*
- A postgraduate diploma.

Further requirements

In addition to the requirements above, you must also:

- submit a comprehensive CV indicating all your work experience.
- submit one entrance essay. The entrance essay of between 400 and 500 words should focus on your personal and external development. The essay provides insights concerning your motivation to study and provides evidence of your writing ability.
- have a minimum of two years' relevant full-time work experience (preferably at a managerial level);
- be proficient in English.
- have access to a computer and stable internet connection for online learning.

You may have to take part in an aptitude assessment test.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants that meet the admission requirements exceed the capacity of Stellenbosch Business School, a selection process is applied by a selection committee. The criteria that are applied by the committee, include multiple components supporting the Stellenbosch Business School's drive for inclusivity and upholding our global standard for learning. The Stellenbosch Business School selection committee

considers work experience, qualifications, assessment results, writing ability and motivation for further development when choosing suitable candidates. These criteria are used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: One or two years for both the hybrid-learning option and the full-contact option.
Starting date: January.

Further study possibilities

The Postgraduate Diploma in Business Management and Administration prepares you for the Master's in Business Management and Administration (MBA) and makes you eligible for entry into the MBA.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Ms Sonja Cilliers
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in full-contact and hybrid mode.

The **full-contact mode** is delivered in four one-week blocks on campus and in person over one or two years. Detailed schedules are available on the Stellenbosch Business School website.

In the **hybrid mode** students have the option to attend compulsory classes either synchronously online or face to face on campus. Detailed schedules are available on the Stellenbosch Business School website.

2.3.1 Business Management and Administration: General

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
11984	714	15	Business Finance	Both
14384	715	15	Business Process Management	Both
13026	714	15	Entrepreneurial Innovation	Both
23795	714	15	Marketing Management	Both
14383	714	15	Responsible Leadership	Both
11322	714	15	Understanding the World	Both

Elective modules

Choose two modules. One module chosen from Business Analytics *or* Managing of Projects *or* Thinking Frameworks and one module chosen from Managing Risk and Uncertainty *or* Organisational Behaviour.

Code	Module	Credits	Module Name	Semester
14023	714	15	Business Analytics	Both
12978	714	15	Managing of Projects	Both
14388	714	15	Managing Risk and Uncertainty	Both
13888	715	15	Organisational Behaviour	Both
14385	714	15	Thinking Frameworks	Both

2.3.2 Focal area: Data Science for Managers

Description of focal area

Studying in this focal area will equip you to integrate concepts that relate to strategy and business objectives with value realisation that will benefit management that affects data science within an organization. You will be able to review the complexities of applying strategic thinking concerning the interface between business management and data science. The importance of the commercial justification of identifying and continuing a data science project is highlighted. You will be equipped to motivate and apply appropriate quality management techniques in a data science project.

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
14384	715	15	Business Process Management	Both
14690	714	15	Data-driven Decision-making	Both
14691	714	15	Data Strategies for Management	Both
14320	711	15	Introduction to Data Science	Both
14383	714	15	Responsible Leadership	Both
11322	714	15	Understanding the World	Both

Elective modules

Choose **two** elective modules by choosing one module from each of the following sets:

- First set: Business Analytics 714(15); Managing of Projects 714(15); Thinking Frameworks 714(15).
- Second set: Managing Risk and Uncertainty 714(15); Organisational Behaviour 715(15).

Code	Module	Credits	Module Name	Semester
14023	714	15	Business Analytics	Both
12978	714	15	Managing of Projects	Both
14388	714	15	Managing Risk and Uncertainty	Both
13888	715	15	Organisational Behaviour	Both
14385	714	15	Thinking Frameworks	Both

2.4 Postgraduate Diploma in Development Finance

Admission requirements

One of the following with an average of at least 50%:

- A Bachelor's degree in any of the following: Economics, Finance, Accounting, Commerce or Management;

  or

- Any other three-year bachelor's degree and at least two years of relevant experience.

Further requirements

In addition to the requirements above, you must also:

- submit a comprehensive CV indicating all of your work experience.
- submit one entrance essay. The entrance essay of between 400 and 500 words should focus on your personal and external development. The essay provides insights concerning your motivation to study and provides evidence of your writing ability.
- have access to a computer and stable internet connection for online learning.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants that meet the admission requirements exceed the capacity of Stellenbosch Business School, a selection process is applied by a selection committee. The criteria that are applied by the committee, include multiple components supporting the Stellenbosch Business School's drive for inclusivity and upholding our global standard for learning. The Stellenbosch Business School selection committee considers work experience, qualifications, writing ability and motivation for further development when choosing suitable candidates. These criteria are used to rank the applicants in order of suitability, and to finalise the list of selected applications.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: One or two years for both the hybrid-learning option and the full-contact option.
Starting date: January

Further study possibilities

The Postgraduate Diploma in Development Finance prepares you for the MPhil (Development Finance) and allows you to comply with the admission requirements of the MPhil programme.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Dr Elizabeth Nanziri
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in full-contact and hybrid mode.

The **full-contact mode** is delivered in four one-week blocks on campus and in person over one or two years. Detailed schedules are available on the Stellenbosch Business School website.

In the **hybrid mode** you have the option to attend compulsory classes either synchronously online or face-to-face on campus. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

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

The modules to take are listed below.

Compulsory modules (120 credits)

Code	Module	Credits	Module Name	Semester
14382	714	15	Financial Analysis and Project Appraisal	Both
14096	714	15	Financing for Development	Both
14098	714	15	Financing Public Sector Projects	Both
12978	714	15	Managing of Projects	Both
14388	714	15	Managing Risk and Uncertainty	Both
11326	715	15	Monitoring and Evaluation of Development Projects	Both
14383	714	15	Responsible Leadership	Both
11322	714	15	Understanding the World	Both

2.5 Postgraduate Diploma in Environmental Management

Admission requirements

- A bachelor's degree with a final pass mark of at least 60% in any of the following major subjects:
  - Geography and Environmental Studies,
  - Economics,
  - Geology,
  - Zoology,
  - Logistics,
  - Ecology/Nature Conservation,
  - Architecture,
  - Surveying,
  - Public and Development Management,
  - Sociology,
  - Botany,
  - Agricultural Economics,
  - Forestry,
  - Civil Engineering,
  - Town and Regional Planning;
  - Any other field regarded as equivalent;
  - Other qualifications could be accommodated based on equivalent programme content and relevant work experience as indicated on your application.

Further requirements

- You must submit a motivational letter explaining why you are interested in this programme.
- By the time classes start, you must be computer literate enough to be able to use the SUNLearn electronic platform and submit your assignments electronically. In other words, you must be able to use MS Word, e-mail and the internet.

Recognition of prior learning (RPL)

Your experience must comply with the recognition of prior learning (RPL) regulations of the University, the Faculty, and the School of Public Leadership. For more information on RPL and links to the University's and the Faculty's RPL regulations, see the chapter "General Information" at the beginning of this book.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the School, the criteria of the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies by **31 October** of the year before your intended studies.

Duration of programme and starting date

Duration: One year full-time or two years part-time.

Starting date: The programme normally starts late January or early February, before University classes officially start.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Jennifer Saunders
Programme administrator
School for Public Leadership
Tel: 021 808 2151
E-mail: jjs3@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Dr Samantha Williams
School for Public Leadership

Programme structure

The programme comprises compulsory on-campus blocks, synchronous (real-time) online classes and self-directed online learning throughout the year.

Programme content

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

Compulsory modules (105 credits)

Code	Module	Credits	Module Name	Semester
14948	742	15	Environmental Analysis and Management	2
14949	716	15	Environmental Economics	1
14950	712	15	Environmental Ethics	1
14951	742	15	Environmental Governance	2
11179	712	15	Environmental Issues	1
60704	772	15	Environmental Law	1
11176	772	15	Geographical Information Systems	2

Please note:

- If you failed the module Development Planning and Environmental Analysis 771 in 2024 or earlier, you must register for Environmental Analysis Management 742.
- If you failed the module Environmental Ethics (Advanced Study) 771 in 2024 or earlier, you must register for Environmental Ethics 742.
- If you failed the module Geographical Information Systems in Environmental Analysis Management 771 in 2024 or earlier, you must register for Geographical Information Systems 772.

Elective modules (at least 15 credits)

Choose one of the following elective modules:

Code	Module	Credits	Module Name	Semester
14943	772	16	Sustainability Transitions	Both
14926	773	15	Capita Selecta: Advanced Topics in Environmental Management	Both

Please note:

- If you failed Sustainable Development in 2024 or earlier, you must register for Sustainability Transitions 772 .
- The capita selecta module is not offered every year. Please contact the School of Public Leadership to find out whether this module will be offered.

2.6 Postgraduate Diploma in Financial Planning

Admission requirements

- One of the following with an average of at least 50%:
  - BCom *or*
  - LLB *or*
  - A relevant bachelor's degree that has been approved by Senate.
- Grade 12 Mathematics
  - after 2008: 50%.
  - before 2009: Mathematics SG 60% *or* Mathematics HG 40%.

Further requirement

You must have access to a computer and stable internet connection for online learning.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources fluctuate from year to year, the number of students selected can differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the School, the criteria of the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: One year, hybrid learning.
Starting date: January.

Assessment

You must write an additional examination by the Financial Planning Institute of Southern Africa (FPI) to comply with one of the requirements for accreditation as a Certified Financial Planner® (CFP®). This examination is administered by the FPI.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Mrs Mosili Lepheana
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in a hybrid mode. In the hybrid mode you have the option to attend compulsory classes either synchronously online or in person on campus. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

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

All modules are compulsory.

Code	Module	Credits	Module Name	Semester
10574	742	30	Corporate Financial Planning	1
10454	744	30	Financial Planning Case Study	2
10455	741	30	Financial Planning Environment	1
10647	742	30	Personal Financial Planning	2

2.7 Postgraduate Diploma in Futures Studies

2.7.1 Futures Studies: General

Admission requirements

- An appropriate, recognised and valid bachelor's degree, with an average of at least 50%, from a university or university of technology.
- A minimum of two years' experience in the field of strategic management or long-term planning.

Further requirements

In addition to the requirements above, you must also:

- submit a comprehensive CV indicating all of your work experience.
- submit one entrance essay. The entrance essay of between 400 and 500 words should focus on your personal and external development. The essay provides insights concerning your motivation to study and provides evidence of your writing ability.
- have access to a computer and a stable internet connection for online learning.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants that meet the admission requirements exceed the capacity of Stellenbosch Business School, a selection process is applied by a selection committee. The criteria that are applied by the committee, include multiple components supporting the Stellenbosch Business School's drive for inclusivity and upholding our global standard for learning. The Stellenbosch Business School selection committee considers work experience, qualifications, writing ability and motivation for further development when choosing suitable candidates. These criteria are used to rank the applicants in order of suitability, and to finalise the list of selected applications.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: One or two years for both the hybrid-learning option and the full-contact option.
Starting date: January.

Further study possibilities

The Postgraduate Diploma in Futures Studies prepares you for the MPhil (Futures Studies) and makes it possible for you to comply with the admission requirements of the MPhil programme.

Enquiries and programme leader

Enquiries

Please direct your queries to:
Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme Leader

Dr Doris Viljoen
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in full-contact and hybrid mode.

The **full-contact mode** is delivered in four one-week blocks on campus and in person over one or two years. Detailed schedules are available on the Stellenbosch Business School website.

In the **hybrid mode** you have the option to attend compulsory classes either synchronously online or face-to-face on campus. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
14386	714	15	Futures Studies in Practice	Both
11321	714	15	Measuring and Making the Future	Both
11317	714	15	Principles of Futures Studies	Both
14383	714	15	Responsible Leadership	Both
14491	716	15	The Future of Technology	Both
14385	714	15	Thinking Frameworks	Both
11322	714	15	Understanding the World	Both

Elective modules – select one

Code	Module	Credits	Module Name	Semester
14388	714	15	Managing Risk and Uncertainty	Both
13888	715	15	Organisational Behaviour	Both

2.7.2 Focal area: Managing New Technologies

Description of focal area

Studying in this focal area will equip you to become digital and data literate in order to manage new technologies in your environment. It is also aimed at improving the leadership capabilities of all managers regarding the management of new technology. This translates into strengthening your organisation's resilience amidst the increasing digitisation of services, products, devices and ways of working.

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
14488	716	15	Management of Technology and Innovation	Both
14489	716	15	Managing New Technologies	Both
14490	716	15	New Technologies Taxonomy	Both
14383	714	15	Responsible Leadership	Both
14491	716	15	The Future of Technology	Both
14385	714	15	Thinking Frameworks	Both
11322	714	15	Understanding the World	Both

Elective modules – select one

Code	Module	Credits	Module Name	Semester
14388	714	15	Managing Risk and Uncertainty	Both
13888	715	15	Organisational Behaviour	Both

2.8 Postgraduate Diploma in HIV/Aids Management

Admission requirements

One of the following with an average of at least 50%:

- Any bachelor's degree *or*
- An advanced diploma *or*
- An equivalent qualification.

Further requirements

In addition to the requirement above, you must also have the following:

- Appropriate managerial experience,
- Access to a computer and stable internet connection for online learning,
- Computer skills (MS Word, internet and e-mail).

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Centre, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the Centre, the criteria of the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

South African as well as international students must apply by **30 November** of the year before their intended studies. Application forms are available on the website of the Africa Centre for Inclusive Health Management.

Duration of programme and starting date

Duration: One year.
Starting date: January.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Rialdo Alexander
Programme administrator
Africa Centre for Inclusive Health Management
Tel: 021 808 2621
E-mail: ralex@sun.ac.za

Website: www.healthmanagement.sun.ac.za

Programme Leader

Dr Burt Davis
Africa Centre for Inclusive Health Management

Programme structure

The Africa Centre for Inclusive Health Management presents this programme through hybrid learning. This includes attendance of a summer and a winter school in Stellenbosch and interactive online sessions during the year.

Programme content

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

All modules are compulsory.

Code	Module	Credits	Module Name	Semester
56081	713	20	The Epidemiology and Problem of HIV/Aids	Both
56103	716	20	Socio-cultural Aspects of HIV/Aids	Both
56111	714	20	HIV/Aids Policy	Both
56138	717	20	Prevention and Care for People Living with HIV/Aids	2
56146	712	20	Management in the Era of HIV/Aids	2
56154	715	20	Research, Monitoring and Evaluation of HIV/Aids Programmes	2

2.9 Postgraduate Diploma in Leadership Development

Admission requirements

- One of the following with an average of at least 50%: A relevant bachelor's degree or advanced diploma.
- Proven relevant working experience of five to seven years in a managerial position.

Further requirements

- You may be required to take part in a telephonic or personal interview.
- You must have access to a computer and stable internet connection for online learning.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirement exceed the capacity of the School, the criteria of the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: One year, hybrid learning.
Starting date: February.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Dr Natasha Winkler-Titus
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in a hybrid mode. The hybrid mode comprises both compulsory on-campus contact block sessions and synchronous (in real-time) online classes. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

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

Compulsory modules (100 credits)

Code	Module	Credits	Module Name	Semester
12770	712	14	High-impact Leadership and Teaming	Both
11313	712	28	Integrated Personal Leadership Development	Both
14093	712	10	Leadership and Society	Both
14094	712	10	Leadership, Transformation, and Inclusivity	Both
14084	712	14	Leading High-performance Culture	Both
12768	712	14	Personal Authentic Leadership	Both
12383	712	10	Strategic Leadership	Both

Elective modules (20 credits)

Choose one module of 20 credits.

Code	Module	Credits	Module Name	Semester
14092	712	20	Advanced Technology Leadership	Both
14091	712	20	Dispute Settlement	Both
14090	712	20	Leadership and Coaching	Both

Please note:

You may also do the elective module, International NPO Leadership, from the focal area programme set out below.

2.9.1 Focal area: Leadership Development in Non-profit Organisations (NPOs)

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

Compulsory modules (100 credits)

Code	Module	Credits	Module Name	Semester
12770	712	14	High-impact Leadership and Teaming	Both
11313	712	28	Integrated Personal Leadership Development	Both
14084	712	14	Leading High-performance Culture	Both
14085	719	10	Leading Strategy in NPOs	Both
14088	719	10	Management Control in NPOs	Both
12768	712	14	Personal Authentic Leadership	Both
14086	719	10	Quality and Integrity in NPOs	Both

Elective module (20 credits)

You may take the following elective module or choose one from the elective modules in the general PGDip in Leadership Development programme that is set out above. Not all the elective modules will necessarily be offered each year. You must contact the Stellenbosch Business School to find out which modules will be presented in a specific year.

Code	Module	Credits	Module Name	Semester
14089	719	20	International NPO Leadership	Both

2.10 Postgraduate Diploma in Marketing

Admission requirements

- Any acceptable bachelor's degree obtained in a field other than marketing.
- The field of marketing includes the following disciplines at bachelor's level: marketing, consumer behaviour, retail management, marketing communication and services marketing.
- An average final mark of at least 55% for all major final-year modules of the bachelor's degree.

Further requirements

- You must attend a compulsory orientation programme during the week(s) before the official academic programme starts.
- You must submit a letter of motivation to the Department of Business Management.
- You may not be enrolled for any other degree or diploma programme at Stellenbosch University or any other institution at the time.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirement exceed the capacity of the Department, the criteria of the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

- You can apply through the standard Stellenbosch University application process by visiting https://www.su.ac.za/en/apply/pg-studies.
- Apply by **31 October** of the year before your intended studies. This applies to South African as well as international applicants.
- You must also submit a motivation letter explaining why you are interested in the programme electronically to apaint@sun.ac.za or marketingdiploma@sun.ac.za by 31 October of the year before your intended studies.

Duration, offering type and starting date of programme

Duration: One year, full-time, from January to November. All lectures are compulsory.
Starting date: The last week of January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Annali Maass
Programme administrator
Department of Business Management
Tel: 021 808 3415
E-mail: apaint@sun.ac.za or marketingdiploma@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/business-management

Programme leader

Dr Debbie Human-van Eck
Department of Business Management

Programme content

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

All modules are compulsory.

Code	Module	Credits	Module Name	Semester
10532	719	10	Brand Management	1
59625	715	7	Consumer Behaviour	1
14375	746	5	Digital Marketing	2
11157	717	5	Financial Methods	2
10538	718	5	Industrial Marketing	1
14376	716	10	Integrated Marketing Communication	1
60801	714	13	Introduction to Marketing	1
10400	750	20	Marketing Plan	Both
10399	745	15	Marketing Research	Both
65641	749	10	Retail Management	2
10423	748	10	Services Marketing	2
10709	747	10	Strategic Marketing	Both

2.11 Postgraduate Diploma in Project Management

Admission requirements

- A relevant bachelor's degree with an average of at least 50%.
- A minimum of two years' experience in a project management position.

Further requirements

In addition to the requirements above, you must also:

- submit a comprehensive CV indicating all of your work experience.
- submit one entrance essay. The entrance essay of between 400 and 500 words should focus on your personal and external development. The essay provides insights concerning your motivation to study and provides evidence of your writing ability.
- have access to a computer and a stable internet connection for online learning.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants that meet the admission requirements exceed the capacity of Stellenbosch Business School, a selection process is applied by a selection committee. The criteria that are applied by the committee, include multiple components supporting the Stellenbosch Business School's drive for inclusivity and upholding our global standard for learning. The Stellenbosch Business School selection committee considers work experience, qualifications, writing ability and motivation for further development when choosing suitable candidates. These criteria are used to rank the applicants in order of suitability, and to finalise the list of selected applications.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration, offering type and starting date of programme

Duration: One or two years for both the hybrid-learning option and the full-contact option.
Starting date: January

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Dr Coenie Nel
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in full-contact and hybrid mode.

The **full-contact mode** is delivered in four one-week blocks on campus and in person over one or two years. Detailed schedules are available on the Stellenbosch Business School website.

In the **hybrid mode** you have the option to attend compulsory classes either synchronously online or face-to-face on campus. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
12978	714	15	Managing Projects	Both
12979	715	15	Project Communication Management	Both
14387	714	15	Project Integration Management	Both
12982	714	15	Project Procurement Contracting	Both
12983	715	15	Project Scheduling	Both
14383	714	15	Responsible Leadership	Both
11322	714	15	Understanding the World	Both

Elective modules – select one

Code	Module	Credits	Module Name	Semester
14388	714	15	Managing Risk and Uncertainty	Both
13888	715	15	Organisational Behaviour	Both

2.12 Postgraduate Diploma in Public Finance Management

Admission requirements

One of the following with an average of at least 50%:

- An appropriate bachelor's degree or equivalent qualification in any of the following: Public Administration, Accounting, Economics, Finance or Commerce

  or

- Any three-year bachelor's degree and a minimum of three years' relevant work experience (preferably at management level) in public finance management.

Further requirement

- You must have access to a computer and stable internet connection for online learning.
- By the time classes start, you must be able to use MS Excel at an intermediate level, as well as MS Word, e-mail and the internet.

Recognition of prior learning (RPL) and credit accumulation and transfer (CAT)

If you have successfully completed academic programmes in public financial management at the School of Public Leadership at NQF level 8, you may be eligible to have those credits transferred to the Postgraduate Diploma in Public Finance Management. The transferred credits may be worth up to a maximum of 50% of the credits required for this diploma.

For more on RPL/CAT and links to the University's and the Faculty's RPL/CAT regulations, see the chapter "General Information" at the beginning of this book.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the School, as well as academic merit and University transformation objectives. Since staff capacity and resources may fluctuate from year to year, the number of students selected may also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the School, they will be ranked according to the admission requirements to finalise the list of selected applicants.

Application procedure and closing date

- Only online applications will be accepted: Apply at https://www.su.ac.za/en/apply/pg-studies.
- You must apply before **15 December** of the year before your intended studies or contact the programme administrator to enquire about late application.
- For more on the application and admission process, see section 1 of this chapter.

Duration of programme and starting date

Duration: one year (part-time)

Starting date: March.

Programme's mode of delivery

Hybrid learning.

Further study possibilities

After completing the Postgraduate Diploma in Public Finance Management you may apply for admission to the MPA (Master's Degree in Public Administration). A full research proposal needs to accompany your application.

Programme structure

You must attend two contact weeks per semester in Bellville; that is, four contact weeks in total for the year. If enough students from a region register for the Postgraduate Diploma in Public Finance Management, contact weeks may also be offered at a venue in that region. Contact weeks are supplemented by interactive online sessions.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Silindile Hlongwane
Programme administrator
School of Public Leadership
Tel: 021 918 4122
E-mail: silindileh@spl.sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Prof Tania Ajam
School of Public Leadership

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
13385	771	20	Accounting for Decision-making	1
14011	772	20	Auditing and Accountability	2
14010	711	20	Financial and Performance Reporting	2
12939	713	20	Financial Management	1
12276	773	15	Information Technology	2
14013	714	10	Public Finance	1
14012	712	15	Strategic Management and Leadership	1

2.13 Postgraduate Diploma in Strategic Human Resource Management

Admission requirements

- A Bachelor's degree or Advance Diploma (NQF level 7) or equivalent in any field.
- An average of 55% for your final-year modules.
- Three years' work experience in HR or people management responsibility in a line management position.

Further requirements

In addition to the requirements above, you must also :

- be proficient in English.
- submit a comprehensive curriculum vitae.
- submit a letter (or letters) confirming your employment status and that you have access to a worksite for the practical component of the programme.
- have access to a computer and stable internet connection for online learning.

Recognition of prior learning (RPL) and credit accumulation and transfer (CAT)

You must comply with the RPL/CAT regulations of the University, the Faculty and the Department of Industrial Psychology. For more information on RPL/CAT and links to the University's and the Faculty's RPL/CAT regulations, see the chapter "General Information" at the beginning of this book.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirement exceed the capacity of the Department, the criteria of the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. South African students must apply by **30 October** of the year before their intended studies and international students by **01 October**.

Duration, offering type and starting date of programme

Duration: One year, full-time, or two years, part-time.
Starting date: January.

Programme's mode of delivery

Hybrid learning.

Assessment

Recognition period of modules

You must pass each required module. If you do not achieve a pass mark for a specific module (50%), you can repeat the module only once.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Portia Adonis
Programme administrator
Department of Industrial Psychology
Tel: 021 808 3012
E-mail: indpsych@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/industrial-psychology

Programme leader

Prof Mpho Magau
Department of Industrial Psychology

Programme structure

Full-time students take all eight modules in one year, which means four modules per semester, whereas part-time students take the same eight modules over two years, which means four modules per year.

Given that all students are employed full-time in HR management and other people management positions, the programme is offered in hybrid format with a number of block contact sessions through the year. Information and communication technology mediated lectures and discussion groups facilitate your learning experience, and you are connected to other students through the online platform. The contact sessions are offered in English on the Stellenbosch campus. Find the full programme on the departmental website.

Programme content

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

All modules are compulsory (120 credits).

Code	Module	Credits	Module Name	Semester
14268	712	15	Compensation	1
51829	715	15	Labour Law	1
51659	716	15	Labour Relations	2
14270	717	15	Human Resource Metrics	2
13888	718	15	Organisation Behaviour	2
14269	713	15	Human Resource Development and Coaching	2
14271	719	15	Strategic Human Resource Management and Ethics	1
14392	771	15	Talent Management	1

2.14 Postgraduate Diploma in Sustainable Development

Admission requirements

- Any bachelor's or BTech degree or a relevant four-year diploma (NQF level 7) with a 65% pass mark in one of the following major subjects. Relevant work experience will also be considered for admission.
    - Public and Development Management,
    - Town and Regional Planning,
    - Housing,
    - Architecture,
    - Civil/Structural/Mechanical/Electrical Engineering,
    - Land Surveying,
    - Geology,
    - Geography and Environmental Studies,
    - Ecology/Nature, Conservation,
    - Forestry,
    - Botany,
    - Zoology,
    - Mathematics,
    - Statistics,
    - Economics,
    - Agricultural Economics,
    - Transport Economics,
    - Sociology,
    - Social Sciences,
    - Psychology,
    - Any other major discipline approved by the Programme Committee.

    or
- For applications based on the recognition of prior learning (RPL): Any tertiary qualification at NQF level 6 and five years of relevant working experience.

  Your qualifications and experience must comply with the RPL regulations of the University, the Faculty and the Centre for Sustainability Transitions, respectively (for more on RPL and links to the regulations, see the chapter "General Information" at the beginning of this book).

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Centre, as well as academic merit and University transformation objectives. As staff capacity and resources may 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 admission requirements exceed the available capacity of the Centre for Sustainability Transitions, the applicants are evaluated according to the following criteria to finalise the selection list:

- Academic excellence: consistent academic performance over and above 65%.
- Work and/or social development experience: relevant and related work and/or social development experience evaluated on a case-by-case basis.
- A well-written motivation letter that demonstrates clarity of thinking and logical expression in the written form, as well as proficiency in terms of language, grammar, presentation, and formatting.
- A motivation letter and curriculum vitae that demonstrates a commitment to professional development within the broad field of sustainable development.

Each applicant is scored a mark out of five for each of these criteria, and the total out of twenty is then used to rank the applications to meet the capacity of the class. The overall composition of the cohort is then considered to reflect a mix of disciplines and work/social development experience.

Application procedure and closing date

Application procedures and dates are advertised by the Centre in April of every year. For more information, contact the Centre at the details under "Enquiries" below.

Duration, offering type and starting date of programme

Duration: One year, full-time, or two years, part-time.
Starting date: January.

Provisions relating to promotion

If you do not successfully complete 30 credits of coursework in your first year of study (including Sustainability Transitions and Transformations 776), you will not be permitted to register for the second year of study.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Ntobsie Makhalima
Programme administrative officer
Centre for Sustainability Transitions
Tel: 021 808 9439
E-mail: ngcwenga@sun.ac.za

Website: www0.sun.ac.za/cst

Programme leader

Dr Megan Davies
Centre for Sustainability Transitions

Programme structure

Modules are presented at venues on the Stellenbosch University main campus as well as various external venues. Venues for all modules are communicated at the start of the academic year. The programme is composed of coursework consisting of two compulsory and six elective modules. It is presented in a hybrid format, consisting of one five-day contact session per module spread over the year (the module framework of a given module may specify a longer duration for the contact session). Contact sessions are supplemented with blended-learning activities. The rest of the study period comprises independent and structured self-study.

Programme content

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

Full-time students complete **two** compulsory modules and **six** electives in the year. **Part-time students** are advised to complete **one** compulsory module and **three** elective modules in year 1, and then again **one** compulsory module and **three** elective modules in year 2. Please consult with the Centre for Sustainability Transitions if you need guidance on structuring your part-time programme.

Compulsory modules (30 credits)

Code	Module	Credits	Module Name	Semester
14942	776	15	Sustainability Transitions and Transformations	Both
14941	775	15	Leadership for Sustainability Transitions and Transformations	Both

Elective modules (90 credits)

Choose altogether six modules from the list below to make up at least 120 credits.

Code	Module	Credits	Module Name	Semester
14938	773	15	Biodiversity and Climate Change	Both
13702	771	15	Capita Selecta: Comparative Studies in Sustainable and Regenerative Social-ecological Systems	Both
14935	772	15	Complexity Literacy and Systems Worldviews	Both
14937	772	15	Water and Food Nexus	Both
14940	772	15	Governance and Institutional Change	Both
14936	772	15	Financing Just Energy Transitions	Both
14939	776	15	Just and Sustainable Urbanisms	Both

Please note: Not all these modules will necessarily be offered each year. Please contact the Centre for Sustainability Transitions to find out which modules will be available.

2.15 Postgraduate Diploma in Transport and Logistics

Admission requirements

- A three-year bachelor's degree on at least NQF level 7, obtained in a field not related to transport or logistics.*
- An average of least 55% in the major subjects for your bachelor's degree.

* Transport and logistics include the following disciplines at bachelor's level: transport management, transport economics, logistics management, operations management and supply chain management.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Students are selected for this programme primarily based on:

- Their overall academic performance during their undergraduate studies;
- Their motivation for wanting to pursue postgraduate studies in Transport and Logistics Management; *and*
- Their level of numeracy (satisfactory numeracy is deemed to be a first year (one semester) University course in Mathematics (pure or applied) or Statistics or Mathematics at National Senior Certificate level with a mark of 50% or higher).

Motivation will be determined through the evaluation of a letter of motivation that all applicants must submit.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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 from January to November.
Starting date: The last week in January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: loghons@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Ms Ulrike Kussing
Department of Logistics

Programme content

You must earn a total of at least 120 credits for this programme. You must combine your modules for this programme as follows:

- Four compulsory (core) modules.
- Four additional modules, depending on the elective modules available during that year. Please contact the programme leader for more information on elective modules to be offered in the year you want to apply for.

Compulsory modules (60 credits)

Code	Module	Credits	Module Name	Semester
13477	711	15	Analysis Tools and Techniques	1
13474	711	15	Introduction to Transport Economics	1
13475	711	15	Introduction to Logistics Management	1
11480	771	15	Supply Management	Both

Elective modules

Choose 60 credits to make up 120 credits.

Please note: Not all the modules listed below will necessarily be offered each year. Please contact the programme leader to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
11571	771	15	Capita Selecta (Logistics Management)	Both
11485	722	15	Customer Service and Logistics Interface Management	Both
10933	753	15	Forecasting	2
13076	744	15	International Trade, Transport Infrastructure and Logistics	2
10911	723	15	Introductory Forecasting	1
13480	741	15	Inventory Management	Both
59145	744	15	Road Transport Management	1
11483	722	15	Supply Chain Performance Management and Technology Enablement	Both

3. Honours programmes

If you have not done so yet, please also consult the general section of this chapter for information on matters like selection and postgraduate assessment. For information on the recognition of prior learning (RPL) and credit transfer and accumulation (CAT), and links to the University's and the Faculty's regulations in this regard, see the chapter "General Information" at the beginning of this book.

3.1 BComHons

3.1.1 BComHons (Actuarial Science)

Admission requirements

- A BCom (Actuarial Science) or equivalent degree with Actuarial Science and Mathematical Statistics as majors; and
- Passes in university modules equivalent to at least six of the seven foundation and intermediate technical subjects of the Actuarial Society of South Africa (or core principles subjects of the Institute and Faculty of Actuaries); and
- Exemptions from (or passes in the profession's examinations for) at least five of the foundation technical and intermediate technical examinations of the Actuarial Society of South Africa (or core principles examinations of the Institute and Faculty of Actuaries). Your five subjects must include at least A211 or A213 (CM1).

Please note:

1. If you did not complete your bachelor's degree in the minimum time of three years, you must have an additional exemption for each additional year.
2. If you only have four exemptions (after a three-year bachelor's) or five exemptions (after a four-year bachelor's) you may be considered for an extended (two-year) honours programme.
3. It is expected that you should have an average mark for both third- year Actuarial Science and third-year Mathematical Statistics of at least 60%.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the Department, the criteria of the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Application procedures and dates are advertised by the Department of Statistics and Actuarial Science in December and June of every year. For more information, contact the Department at the details under "Enquiries" below.

Duration, offering type and starting date of programme

Duration: A minimum of one year, full-time.
Starting date: January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Exemption from professional examinations

The degree offers successful students exemptions from the profession's examinations up to the level of associate actuary.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Lucia Rhode
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3952
E-mail: actuarial@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Garrett Slattery
Department of Statistics and Actuarial Science

Programme content

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

Please note:

Some of the elective modules listed below may not be offered every year. Please contact the Department of Statistics and Actuarial Science to find out which modules will be available.

Compulsory modules (90 credits)

Code	Module	Credits	Module Name	Semester
12302	774	60	Actuarial Risk Management (A311)	Both
12991	791	30	Research Assignment: Actuarial Science	Both

Elective modules (at least 30 credits)

- Choose modules totalling at least 24 credits from topics offered in the Mathematical Statistics or Financial Risk Management honours programmes (as approved by the Head of Actuarial Science from time to time).
- Other elective modules may include:

Code	Module	Credits	Module Name	Semester
14224	741	6	Capita Selecta: Actuarial Principles A	Both
14225	742	15	Capita Selecta: Actuarial Principles B	2
14226	743	30	Capita Selecta: Actuarial Principles C	2
10371	773	6	Communications (N211)	2

3.1.2 BComHons (Business Management)

Admission requirements

Applicants are considered for admission to one of four focal areas for the one-year BComHons (Business Management) programmes (full-time) if they:

- Are in possession of a BCom, BA or BAgricAdmin degree (NQF level 7) from this university, or a similar commerce-related Bachelor's degree (NQF level 7) that has been approved by Senate.
- Obtained a Mathematics mark in the National Senior Certificate (Grade 12) of at least 60% or passed a university-accredited mathematical module approved by the Department of Business Management.
- Achieved an average final mark of at least 60% for all the prescribed third-year modules (NQF level 7) from the respective focal areas offered by the Department of Business Management or an equivalent from another university (see Annexure B of the Faculty Yearbook and the departmental brochure on the Department of Business Management's website, for more details).
- Have passed a research methodology module (e.g. Marketing Research 344 or Financial Management 352, in the case of Stellenbosch University applicants) or a similar module of at least 12 credits approved by the Department of Business Management. Applications for BComHons (Business Management): Specialisation in Financial Analysis are exempted from this requirement.
- Have earned a final mark of at least 50% in one of the following:
    - Statistics and Data Science 188(18) *or*
    - Statistical Methods 176(18) *or*
    - Introduction to Statistics 186(18) *or*
    - Probability Theory and Statistics 114(16) *or* 144(16) *and* Theory of Interest 142(6) *or*
    - A similar Statistics module(s) from another university as approved by the Department of Business Management

Further requirement

If you are admitted, you must attend a compulsory orientation programme during the week before the official academic programme starts.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the Department, the criteria of the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. 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: One week before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and focal area leaders

Enquiries

Please direct your queries to:

Ms Annali Maass
Programme administrator
Department of Business Management
Tel: 021 808 3415
E-mail: apaint@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/business-management

Focal area leaders

Financial Management focal area

Dr Annalien de Vries

Marketing Management focal area

Prof Chris Pentz

Strategy and Innovation focal area

Mrs Lelani Maree

Programme structure

The Department of Business Management will allocate all applications for this programme to one of the following focal areas:

- BComHons (Business Management): Specialisation in Financial Analysis
- BComHons (Business Management): Specialisation in Financial Management
- BComHons (Business Management): Specialisation in Marketing Management
- BComHons (Business Management): Specialisation in Strategy and Innovation

For more information, download the honours brochure from the Department's website.

Programme content

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

You must earn at least 84 of your credits in subjects that are offered by the Department of Business Management.

You may earn a maximum of 36 credits by way of advanced study in the following departments (the Chairperson of the Department of Business Management and the respective departments must decide the credit values of such study beforehand):

- Accounting
- Agricultural Economics
- Economics
- Stellenbosch Business School
- Industrial Psychology
- Logistics
- Statistics and Actuarial Science

Alternatively, you may earn a maximum of 36 credits either by way of modules from another faculty at Stellenbosch University or by way of modules from another university, according to the existing exchange agreements of Stellenbosch University with the other university. Consult the Chairperson of the Department of Business Management if you want to exercise one of these two options.

The following modules are offered by the Department of Business Management. It may happen that some of the modules will not be offered in a particular year.

Compulsory module (30 credits)

Code	Module	Credits	Module Name	Semester
12952	743	30	Research Assignment: Business Management* #	Both

This module is a prerequisite for Business Management 879.

Elective modules (90 credits)

Code	Module	Credits	Module Name	Semester
62138	712	18	Advanced Marketing Communication	2
11149	741	18	Advanced Marketing Management*	2
10399	747	18	Advanced Marketing Research*	1
11151	742	18	Advanced Strategic Management	1
13693	771	18	Capita Selecta: Entrepreneurship and Innovation Management*	Both
13694	771	18	Capita Selecta: Financial and Investment Management*	Both
13695	771	18	Capita Selecta: Marketing Management*	Both
71045	713	18	Corporate Sustainability: Responsible Business Management*	1
65226	711	18	Corporate Venturing	2
11141	711	18	Financial Derivative Instruments*	2

Code	Module	Credits	Module Name	Semester
51047	713	18	Financial Management	1
12234	717	9	Fixed Interest Rate Security Portfolio Management	2
11147	717	9	Fixed Interest Securities	2
11155	744	18	International Business	2
59595	713	18	International Marketing	1
71046	743	18	Introduction to Qualitative Research*	1
65196	711	18	Managing Innovation and Breakthrough Ideas	1
65234	711	18	Organisational Diagnosis and Mentoring	2
11144	745	18	Portfolio Management*	1
44024	746	18	Property Investment and Finance*	1
11268	771	18	Value-based Financial Management*	1

* Modules marked with an asterisk (*) are not available to international students.

3.1.2.1 BComHons (Business Management): Specialisation in Financial Analysis

Programme content

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

Compulsory modules

Code	Module	Credits	Module Name	Semester
11141	711	18	Financial Derivative Instruments*	2
51047	713	18	Financial Management *or*	1
11268	771	18	Value-based Financial Management*	1
12234	717	9	Fixed Interest Rate Security Portfolio Management	2
11147	717	9	Fixed Interest Securities	2
11144	745	18	Portfolio Management*	1
44024	746	18	Property Investment and Finance*	1
12951	743	30	Research Assignment: Financial Analysis*	Both

* Modules marked with an asterisk (*) are not available to international students.

3.1.2.2 BComHons (Business Management): Specialisation in Financial Management

Programme content

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

Compulsory modules (84 credits)

Code	Module	Credits	Module Name	Semester
13694	771	18	Capita Selecta: Financial and Investment Management*	Both
51047	713	18	Financial Management	1
12952	743	30	Research Assignment: Business Management* [This module is a prerequisite for Business Management 879.]	Both
11268	771	18	Value-based Financial Management*	1

Elective modules (36 credits)

Code	Module	Credits	Module Name	Semester
62138	712	18	Advanced Marketing Communication	2
11149	741	18	Advanced Marketing Management*	2
10399	747	18	Advanced Marketing Research*	1
11151	742	18	Advanced Strategic Management	1
65226	711	18	Corporate Venturing	2
71045	713	18	Corporate Sustainability: Responsible Business Management*	1
11141	711	18	Financial Derivative Instruments*	2
12234	717	9	Fixed Interest Rate Security Portfolio Management	2
11147	717	9	Fixed Interest Securities	2
11155	744	18	International Business	2
59595	713	18	International Marketing	1
71046	743	18	Introduction to Qualitative Research*	1
65196	711	18	Managing Innovation and Breakthrough Ideas	1
65234	711	18	Organisational Diagnosis and Mentoring	2
11144	745	18	Portfolio Management*	1
44024	746	18	Property Investment and Finance*	1

* Modules marked with an asterisk (*) are not available to international students

And/or

Any elective module(s) to a maximum of 36 credits from:

- another department in any faculty within Stellenbosch University, *or*
- from another university, according to the existing exchange agreements with Stellenbosch University.

Consult the Chair of the Department Business Management for more information.

3.1.2.3 BComHons (Business Management): Specialisation in Marketing Management

Programme content

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

Compulsory modules (84 credits)

Code	Module	Credits	Module Name	Semester
62138	712	18	Advanced Marketing Communication	2
11149	741	18	Advanced Marketing Management*	2
10399	747	18	Advanced Marketing Research*	1
12952	743	30	Research Assignment: Business Management* #	Both

This module is a prerequisite for Business Management 879.

Elective modules (36 credits)

Code	Module	Credits	Module Name	Semester
11151	742	18	Advanced Strategic Management	1
13694	771	18	Capita Selecta: Financial and Investment Management*	2
13695	771	18	Capita Selecta: Marketing Management*	Both
65226	711	18	Corporate Venturing	1
71045	713	18	Corporate Sustainability and Responsible Business Management*	1
11141	711	18	Financial Derivative Instruments*	2
51047	713	18	Financial Management	1
12234	717	9	Fixed Interest Rate Security Portfolio Management	2
11147	717	9	Fixed Interest Securities	2
11155	744	18	International Business	2
59595	713	18	International Marketing	1
71046	743	18	Introduction to Qualitative Research*	1
65196	711	18	Managing Innovation and Breakthrough Ideas	1
65234	711	18	Organisational Diagnosis and Mentoring	2
11144	745	18	Portfolio Management*	1
44024	746	18	Property Investment and Finance*	1
11268	771	18	Value-based Financial Management*	1

* Modules marked with an asterisk (*) are not available to international students

And/*or*

Any elective module(s) to a maximum of 36 credits from:

- another department in any faculty within Stellenbosch University, *or*
- from another university, according to the existing exchange agreements with Stellenbosch University.

Consult the Chair of the Department Business Management for more information.

3.1.2.4 BComHons (Business Management): Specialisation in Strategy and Innovation

Programme content

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

Compulsory modules (84 credits)

Code	Module	Credits	Module Name	Semester
11151	742	18	Advanced Strategic Management	1
65226	711	18	Corporate Venturing	2
65196	711	18	Managing Innovation and Breakthrough Ideas	1
12952	743	30	Research Assignment: Business Management* #	Both

This module is a prerequisite Business Management 879.

Elective modules (36 credits)

Code	Module	Credits	Module Name	Semester
62138	712	18	Advanced Marketing Communication	2
11149	741	18	Advanced Marketing Management*	2
10399	747	18	Advanced Marketing Research*	1
13693	771	18	Capita Selecta: Entrepreneurship and Innovation Management*	Both
13694	771	18	Capita Selecta: Financial and Investment Management*	Both
71045	713	18	Corporate Sustainability and Responsible Business Management*	1
11141	711	18	Financial Derivative Instruments*	2
51047	713	18	Financial Management	1
12234	717	9	Fixed Interest Rate Security Portfolio Management	2
11147	717	9	Fixed Interest Securities	2
11155	744	18	International Business	2
59595	713	18	International Marketing	1
71046	743	18	Introduction to Qualitative Research*	1
65234	711	18	Organisational Diagnosis and Mentoring	2
11144	745	18	Portfolio Management*	1
44024	746	18	Property Investment and Finance*	1
11268	771	18	Value-based Financial Management*	1

* Modules marked with an asterisk (*) are not available to international students

And/or

Any elective module(s) to a maximum of 36 credits from:

- another department in any faculty within Stellenbosch University, *or*
- from another university, according to the existing exchange agreements with Stellenbosch University.

Consult the Chair of the Department Business Management for more information.

3.1.3 BComHons (Economics)

Admission requirements

- A bachelor's degree (NQF level 7) with an average mark of at least 60% for a final year major in Economics (equivalent to content and focus of Stellenbosch University's Economics 318 and 348 modules).
- At least 60% as your achievement mark in the intensive Mathematics course that precedes the formal programme.
- A Mathematics mark in the National Senior Certificate (Grade 12) of at least 60% or you must have passed a university-accredited mathematics module approved by the Department of Economics.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Should the applicants who meet the admission requirements exceed the capacity of the Department, the criteria of the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. 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. You must complete the programme within three years. If you do not, you will have to repeat the compulsory modules.

Starting date: You must complete a three-week intensive Mathematics course before the formal programme. This intensive course starts early January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Carina Smit
Programme administrator
Department of Economics
Tel: 021 808 2898
E-mail: carina@sun.ac.za

Website: www.ekon.sun.ac.za

Programme leader

Prof Willem Boshoff
Department of Economics

Programme structure

This programme consists of compulsory modules and a free choice of elective modules from those listed in the relevant tables below.

This programme requires full-time class attendance.

Programme content

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

A maximum of 20 credits may be obtained from a related field of study that has been approved by the Department of Economics.

If you intend pursuing the Financial Economics focal area in the MCom (Economics) programme after completing the honours programme, you must enrol for Financial Economics 771 in your honours year. You

may also choose to enrol for *either* Financial Derivative Instruments 711 *or* Portfolio Management 745, offered by the Department of Business Management.

Please note: The semester in which the modules are presented may change at short notice from year to year.

Compulsory modules

Code	Module	Credits	Module Name	Semester
10541	771	12	Introductory Econometrics	1
10595	771	12	Macroeconomics	2
10760	771	14	Mathematical Methods for Economics	1
10605	771	12	Microeconomics	1
11216	771	30	Research Assignment: Economics	Both

Elective modules

Choose at least four elective modules. Not all the modules will necessarily be offered each year.

Code	Module	Credits	Module Name	Semester
10742	771	10	Applied Macroeconomics I	1 or 2
10743	772	10	Applied Macroeconomics II	1 or 2
10745	771	10	Applied Microeconomics I	1 or 2
10746	771	10	Applied Microeconomics II	1 or 2
14377	771	10	Behavioural Economics†	2
52000	771	14	Capita Selecta: Economics	1 or 2
10635	771	10	Development Economics	1
10436	771	10	Economic History	1
10432	771	10	Economics of Education I	2
14933	712	10	Economics of Exclusion *	1
10434	771	10	Economics of Technological Change*	2
59617	771	10	Environmental Economics*	1
12228	771	10	Financial Economics	1
13469	771	10	Health Economics*	2
11263	771	10	Industrial Organisation	2
64041	771	10	Institutional Economics*	1
10554	771	10	International Finance	2
10555	771	10	International Trade Theory and Policy	2
51861	771	10	Labour Economics*	2
64033	771	10	Monetary Economics	2
11143	771	10	Public Economics	1

* As a rule, these modules are only presented every second year. You must contact the Department of Economics to find out which modules will be presented in a specific year.

† Please note that only ten (10) students from all Honours programmes in the Department of Economics will be admitted to Behavioural Economics 771. Students in this programme will be selected based on their average marks for the Mathematical Methods for Economics 771 and Microeconomics 771 modules.

Please note:

If you failed the module Economics of Discrimination 771 in 2024 or earlier, you must register for Economics of Exclusion 712. Either Economics of Discrimination 771 or Economics of Exclusion 712 will count for graduation purposes.

3.1.4 BComHons (Economics and Mathematical Statistics)

Interdepartmental collaboration

The Department of Statistics and Actuarial Science and the Department of Economics jointly offer this programme.

Admission requirements

- Students must be accepted for honours studies in both the Department of Economics and the Department of Statistics and Actuarial Science, with the following requirements for each:
  - Department of Economics: at least 65% average for a final year major in Economics (equivalent to content and focus of Stellenbosch University's Economics 318 and 348 modules),
  - Department of Statistics and Actuarial Science: at least 65% average for a final year major in Mathematical Statistics (equivalent to content and focus of Stellenbosch University's Mathematical Statistics 312, 316, 344 and 364 modules);
- Grade 12 Mathematics at least 70%.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the departments, as well as academic merit and University transformation objectives (within the Department of Economics and the Department of Statistics and Actuarial Science). As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

If the Economics and Mathematical Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Department of Economics and the Department of Statistics and Actuarial Science, the departments may require an additional departmental assessment on third year level Economics and Mathematical Statistics topics. Students may also be required to complete additional undergraduate Stellenbosch University Economics and Mathematical Statistics modules along with their honours studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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. You must complete the programme within three years. If you do not, you will have to repeat the compulsory modules.

Starting date: Early January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Carina Smit
Programme administrator
Department of Economics
Tel: 021 808 2898
E-mail: carina@sun.ac.za

Website: www.ekon.sun.ac.za

Programme leader

Prof Willem Boshoff
Department of Economics

Programme structure

The coursework component consists of four modules each from mathematical statistics and economics and a further two modules that may come from any of the two departments. The research component is a compulsory assignment consisting of a statistical application in a field of economics. Both departments supervise the assignment.

This programme requires full-time class attendance.

Programme content

You must earn a total of at least 148 credits for this programme.

You must complete modules to a minimum of 54 credits from Economics and 48 credits from Mathematical Statistics. For a further minimum of 16 credits, you must choose at least two modules from Economics and/or Mathematical Statistics. The assignment counts 42 credits. See the programme outline below.

Please note:

- You must complete the first semester of a year module to be allowed to do the second semester.
- The semester in which the modules are presented may change at short notice from year to year.

Compulsory modules (98 or 118 credits) and possible module combinations

From the compulsory modules in the table below, you can choose either Stochastic Simulation or Multivariate Statistical Analysis A and B. Six possible module combinations that take all the compulsory and elective options into account are presented. You can opt to do any one of the six combinations. Below this table, you will find the full list of electives.

Six possible module combinations and their credit loads									
Code	Module	Module Name	Semester	Credit load for each possible module combination					
				1	2	3	4	5	6
10430	871	Econometrics	1	20	20	20	20	20	20
10595	771	Macroeconomics	2	12	12	12	12	12	12
10605	771	Microeconomics	1	12	12	12	12	12	12
10602	715	Multivariate Statistical Analysis A*	1	16	16	16			
10603	745	Multivariate Statistical Analysis B*	2	16	16	16			
65250	718	Stochastic Simulation	1				12	12	12
11217	772	Research Assignment: Economics and Mathematical Statistics**	Both	42	42	42	42	42	42
Total credits for compulsory modules				118	118	118	98	98	98
			Electives in Economics#	30	20	10	30	20	10
			Electives in Mathematical Statistics##	12	24	24	24	40	40
			Total credits for elective modules	42	44	34	54	60	50
			Total credits for the programme	**160**	**162**	**152**	**152**	**158**	**148**

* Multivariate Statistical Analysis A 715(16) is a prerequisite for Multivariate Statistical Analysis B 745(16).

** The research assignment is co-supervised in both the Department of Economics and the Department of Statistics and Actuarial Science and involves a statistical application on economic data.

\# One to three modules at 10 credits per module from the electives list below

\#\# One to three modules at 12/16 credits per module from the electives list below

Elective modules in Economics

- Choose at least 10 credits and at most 30 credits.
- Not all the modules will necessarily be offered each year.
- Note that all the modules marked with an asterisk (*) are normally offered only every second year. You must contact the Department of Economics to find out which modules will be presented in a specific year.
- Please note that only ten (10) students from all Honours programmes in the Department of Economics will be admitted to Behavioural Economics 771 (marked with ǂ). Students in this programme will be selected based on their marks for Microeconomics 771.

Code	Module	Credits	Module Name	Semester
10742	771	10	Applied Macroeconomics I	1 or 2
10743	772	10	Applied Macroeconomics II	1 or 2
10745	771	10	Applied Microeconomics I	1 or 2
10746	771	10	Applied Microeconomics II	1 or 2
14377	771	10	Behavioural Economics‡	2
10635	771	10	Development Economics	1
10436	771	10	Economic History	1
14933	712	10	Economics of Exclusion*	1
10432	771	10	Economics of Education I	2
10434	771	10	Economics of Technological Change*	2
59617	771	10	Environmental Economics*	1
12228	771	10	Financial Economics	1
13469	771	10	Health Economics*	2
11263	771	10	Industrial Organisation	2
64041	771	10	Institutional Economics*	1
10554	771	10	International Finance	2
10555	771	10	International Trade Theory and Policy	2
51861	771	10	Labour Economics*	2
64033	771	10	Monetary Economics	2
11143	771	10	Public Economics	1

Please note:

If you failed the module Economics of Discrimination 771 in 2024 or earlier, you must register for Economics of Exclusion 712. Either Economics of Discrimination 771 or Economics of Exclusion 712 will count for graduation purposes.

Elective modules in Mathematical Statistics

- If you take compulsory modules 715 and 745 (Multivariate Statistical Analysis A and B) above, you must choose at least 12 credits and at most 32 credits.
- If you take compulsory module 718 (Stochastic Simulation) above, you must choose at least 24 credits and at most 44 credits.

Code	Module	Credits	Module Name	Semester
10408	712	16	Biostatistics	1
10636	746	16	Survival Analysis	2
13360	771	12	Statistical Learning Theory	1
10751	747	12	Time Series Analysis	1

3.1.5 BComHons (Financial Risk Management)

Admission requirements

- A BCom degree with Financial Risk Management, Financial Mathematics and Mathematical Statistics as third-year subjects.
- An average mark of at least 60% for Financial Risk Management 314 and 344.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

If the Financial Risk Management or Mathematical Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on third year level Financial Risk Management and Mathematical Statistics topics. Students may also be required to complete additional undergraduate Stellenbosch University Financial Risk Management and Mathematical Statistics modules along with their honours studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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: One and a half weeks before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Elizna Huysamen
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: krugere@sun.ac.za
Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Mesias Alfeus
Department of Statistics and Actuarial Science

Programme content

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

Compulsory modules (108 credits)

Code	Module	Credits	Module Name	Semester
10459	731	12	Financial Risk Management A	1
10460	761	12	Financial Risk Management B	2
10660	733	12	Portfolio Management Theory A	2
10661	763	12	Portfolio Management Theory B	1
11166	734	6	Practical Financial Modelling	1
11218	793	30	Research Assignment: Financial Risk Management	Both
65250	718	12	Stochastic Simulation	1
10751	747	12	Time Series Analysis	1

Elective modules (at least 12 credits)

Code	Module	Credits	Module Name	Semester
11164	732	12	Financial Mathematical Statistics A	2
11165	762	12	Financial Mathematical Statistics B	2

3.1.6 BComHons (Human Resource Management)

Admission requirements

- A recognised bachelor's degree with Industrial Psychology as major;
- An average of 65% for Industrial Psychology 314, 324 and 348
- A pass mark for the following Industrial Psychology modules:
  - 114 and 144,
  - 214, 224, 252 and 262,
  - 314, 324 and 348

Further requirements

In addition to the requirements above, the following applies:

- If you have a bachelor's degree without Industrial Psychology as major, you must first pass all the required undergraduate Industrial Psychology modules (listed above) as an occasional student before you can be considered for selection. If you have passed comparable modules elsewhere, you must first obtain exemption from the required modules.
- If you are selected, you must do compulsory job shadowing in an approved organisation for five working days before classes start. You must write a draft report about this work experience (in English) before the programme starts. See the departmental website for further information: https://www.su.ac.za/faculties/economy/departments/industrial-psychology.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

In addition to the admission requirements, the following criteria will be considered by the selection committee:

- A minimum mark of 60% for your third-year Industrial Psychology or Human Resource Management modules.
- Consistency in academic performance, based on your full academic history.
- Psychometric and other assessments you may need to undergo to determine suitability.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. South African students must apply by **30 September** of the year before their intended studies and international students by **01 September**.

Duration, offering type and starting date of programme

Duration: One year, full-time.
Starting date: The first meeting is one week before the classes for undergraduate students start.

Programme's mode of delivery

Full-contact learning (face-to-face).

Assessment

Recognition period of modules

You must pass each required module (the pass mark is 50%). If you do not obtain a pass mark for a specific module, you can repeat the module only once.

Honours modules are recognised for graduation purposes for five years. After five years, recognition expires unless you obtain written permission from the departmental chairperson for extension before the time.

Registration as Chartered Human Resource Practitioner

The programme BComHons (Human Resource Management) could, after approved practical work, lead to registration with the South African Board for People Practices (SABPP) as Chartered Human Resource Practitioner. Detailed information is available on the SABPP's website at www.sabpp.co.za.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Coreli Cillie
Programme administrator
Department of Industrial Psychology
Tel: 021 808 3005
E-mail: cmcillie@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/industrial-psychology

Programme leader

Dr Susan Goosen
Department of Industrial Psychology

Programme structure

This programme consists of nine compulsory modules, one of which is a research assignment.

Programme content

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

Compulsory modules (120 credits)

Code	Module	Credits	Module Name	Semester
10388	781	12	Industrial Relations Theory & Practice (Perspectives and Parties)	1
10389	782	12	Industrial Relations Theory & Practice (Processes)	2
51829	783	12	Labour Law	1
12942	775	12	Organisational Psychology: Contemporary Challenges	2
12943	773	30	Research Assignment: Human Resource Management	Both
51764	776	12	Research Methodology	1
10716	784	12	Strategic Human Resource Development	2
11915	785	12	Strategic Human Resources Management I	1
11917	786	6	Strategic Human Resources Management II	2

Optional elective module

To take this module, you must have passed Industrial Psychology 224.

Code	Module	Credits	Module Name	Semester
13170	721	18	Consumer Psychology I	1

3.1.7 BComHons (Industrial Psychology)

Admission requirements

One of the following:

- A BCom (Industrial Psychology) or an equivalent bachelor's degree,
- A BA degree with Psychology and Industrial Psychology up to third-year level, with an average of 65% for Industrial Psychology 314, 324 and 348 or equivalent subjects, *or*
- A BCom qualification with Industrial Psychology and modules from Business Management on a third-year level, with an average of 65% for Industrial Psychology 314, 324 and 348 or equivalent subjects.

Recommendations for admission

The following Business Management modules as elective at second-year level are recommended:

- Financial Management and Investment Management,
- Marketing Management, *or*
- Entrepreneurship and Innovation Management.

Recommended elective modules at the third-year level:

- Financial Management,
- Marketing Management *or*
- Entrepreneurship and Innovation Management.

Further requirements

In addition to the requirements above, the following applies:

- If you have a bachelor's degree without Industrial Psychology as major, you must first pass all the required undergraduate Industrial Psychology modules as an occasional student before you can be considered for selection. If you passed comparable modules elsewhere, you must obtain exemption from the required modules. The required Industrial Psychology modules are:
  - 114 and 144
  - 214, 224, 252 and 262
  - 314, 324 and 348
- If you studied at another university, equivalent modules will apply.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

In addition to the admission requirements, the following criteria will be considered by the selection committee:

- A minimum mark of 60% for your third-year Industrial Psychology or Human Resource Management modules.
- Consistency in academic performance, based on your full academic history.
- Psychometric and other assessments you may need to undergo to determine suitability.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. South African students must apply by **30 September** of the year before their intended studies and international students by **01 September**.

Duration, offering type and starting date of programme

Duration: One year, full-time.
Starting date: The first meeting is one week before the classes for undergraduate students start.

Programme's mode of delivery

Full-contact learning (face-to-face).

Assessment

Recognition period of modules

You must pass each required module. If you do not obtain a pass mark for a specific module, you can repeat the module only once.

Honours modules are recognised for graduation purposes for five years. After five years, recognition expires unless you obtain written permission from the departmental chairperson for extension before the time.

Registration as Psychometrist (Independent Practice)

The requirements of the Professional Board for Psychology of the Health Professions Council of South Africa (HPCSA) determine that a person will be eligible for statutory registration as a Psychometrist (Independent Practice) after they have:

- completed the BCom (Industrial Psychology) degree,
- completed the BComHons (Industrial Psychology) degree,
- completed the approved BPsych equivalence programme, *and*
- successfully written a professional board examination set by the Psychometric Committee of the Professional Board for Psychology of the HPCSA.

Get more detailed information on registration as a psychometrist from the website of the HPCSA: www.hpcsa.co.za. Also visit their website for more detailed information on the prerequisites for statutory registration as an industrial psychologist.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Coreli Cillie
Programme administrator
Department of Industrial Psychology
Tel: 021 808 3005
E-mail: cmcillie@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/industrial-psychology

Programme leader

Dr Susan Goosen
Department of Industrial Psychology

Programme structure

The programme consists of nine compulsory modules, one of which is a research assignment.

Programme contents

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

All modules are compulsory.

Code	Module	Credits	Module Name	Semester
10744	771	12	Applied Psychological and Performance Assessment and Professional Ethics	1
10387	772	12	Labour Relations and Legislation	2
10403	774	12	Occupational and Career Psychology	1
12942	775	12	Organisational Psychology: Contemporary Challenges	Both
10665	776	12	Psychometrics: Measurement Theory, Test Construction and Decision-making	2
11344	773	30	Research Assignment: Industrial Psychology	Both
51764	776	12	Research Methodology	Both
11915	785	12	Strategic Human Resources Management I	1
11917	786	6	Strategic Human Resources Management II	2

3.1.8 BComHons (Logistics and Supply Chain Management)

Admission requirements

- One of the following:
  - A BCom degree *or*
  - A bachelor's degree other than a BCom degree.
- A combined average of at least 60% for the third-year modules in Logistics and Supply Chain Management.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the Department, as well as academic merit and University transformation objectives. As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

Students are selected for this programme primarily based on:

- Their average final mark achieved for their Logistics and/or Supply Chain Management major at third year level;
- Overall academic performance;
- Their research potential as displayed in an undergraduate research module;
- Their level of numeracy (satisfactory numeracy is deemed to be a first year (one semester) university course in Mathematics (pure or applied) or Statistics or Mathematics at National Senior Certificate level with a mark of 50% or higher); *and*
- Their motivation for wanting to pursue postgraduate studies in Logistics and Supply Chain Management.

If there are a large number of applicants, the Department may request applicants to submit a short curriculum vitae, letter of motivation, and research idea. These will then be used to compose a shortlist for selection interviews. The interviews 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 https://www.su.ac.za/en/apply/pg-studies. Applications for a specific year must be received by **30 September** of the previous year. This applies to South African as well as international applications.

Duration, offering type and starting date of programme

Duration: One year, full-time.
Starting date: One week before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: loghons@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Mr Heinri Freiboth
Department of Logistics

Programme structure

The programme consists of five compulsory and two elective modules. One of the compulsory modules is a research assignment.

Programme content

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

Compulsory modules (90 credits)

Code	Module	Credits	Module Name	Semester
11485	722	15	Customer Service and Logistics Interface Management	Both
10911	723	15	Introductory Forecasting	1
14693	771	30	Research Assignment: Logistics and Supply Chain Management	Both
13077	714	15	Supply Management (Inbound)	Both
13078	714	15	Supply Management (Outbound)	Both

Elective modules (at least 30 credits)

Please note: Not all the modules listed below will necessarily be offered each year. Please contact the programme leader to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
11571	771	15	Capita Selecta (Logistics Management)	Both
10933	753	15	Forecasting	2
11488	722	15	Packaging Logistics Development	Both
59145	744	15	Road Transport Management	1
11481	722	15	Supply Chain Forecasting and Planning	Both
11483	722	15	Supply Chain Performance Management and Technology Enablement	Both
11482	742	15	Supply Chain Strategy Change Management and Governance	Both
14227	773	15	Visual Supply Chain Data Analysis	Both
13472	741	15	Warehouse Operations Management	Both

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 programme leader. For more information, please contact the programme leader.

3.1.9 BComHons (Management Accounting)

Admission requirements

One of the following two sets of qualifications:

Set 1:

- A BCom (Management Accounting) degree from Stellenbosch University, *or*

  A BCom (Financial Accounting) degree from Stellenbosch University, *or*

  An equivalent qualification from another university (equivalent qualification: the qualification leads to the same exemptions with CIMA as the undergraduate programmes from Stellenbosch University, up to and including CIMA's Operational Level and the Operational Case Study Exam);

  and
- A final mark of at least 57% in third-year Management Accounting and third-year Financial Accounting.

Set 2:

- A BAcc degree from Stellenbosch University, *or*

  A BAccLLB from Stellenbosch University;

  and
- A final mark of at least 57% in Management Accounting 378;
- A final mark of at least 53% in Financial Accounting 379.

Selection

All students who meet the admission requirements are admitted. Should the number of applicants that meet the admissions requirements exceed the available capacity of the School in terms of physical and/or human resources, selection will be based on the mark requirements as set out in the admission requirements.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies by **31 October** of the year before your intended studies.

Duration, offering type and starting date of programme

Duration: One year, full-time.
Starting date: With the other classes at the University.

Programme's mode of delivery

Full-contact learning (face-to-face).

Qualifying as a Chartered Management Accountant

The professional management accounting qualification of Chartered Management Accountant is an internationally recognised qualification. The Chartered Institute of Management Accountants (CIMA), with its head office in London, awards this qualification to persons who have passed the qualifying examinations as set by CIMA and who have obtained the necessary practical experience. CIMA recognises the BCom (Management Accounting) and BComHons (Management Accounting) programmes as offered by Stellenbosch University for the purposes of qualifying as a Chartered Management Accountant.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Kyle Gordon
Programme administrator
Tel: 021 808 3845

E-mail: kdgordon@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Mr Roelof Baard
School of Accountancy

Programme content

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

All modules are compulsory.

Code	Module	Credits	Module Name	Semester
10496	715	15	Advanced Management Accounting	1
10500	716	15	Advanced Financial Accounting	1
11159	786	30	Research Assignment: Management Accounting	Both
10680	784	20	Risk and Information Management	Both
10712	782	20	Strategic Financial Management	Both
10710	783	20	Strategic Management Accounting	Both

3.1.10 BComHons (Mathematical Statistics)

Admission requirements

- A bachelor's degree with a combined average mark of at least 65% for the third-year modules in Mathematical Statistics.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

If the Mathematical Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on third-year level Mathematical Statistics topics. Students may also be required to complete additional undergraduate Stellenbosch University Mathematical Statistics modules along with their honours studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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. You must complete the programme within three years. If not, you will have to repeat your modules.

Starting date: One and a half weeks before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Elizna Huysamen
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: krugere@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Sugnet Lubbe
Department of Statistics and Actuarial Science

Programme content

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

Please note:

- Some of the modules listed below may not be offered in a specific year and some modules may also be offered in different semesters from the ones listed below, depending on circumstances in the Department. Please contact the Department to find out which modules will be available.
- The research assignment is compulsory. You must complete it under supervision and submit it for examination.
- You can ask for permission to take a maximum of 16 credits from suitable postgraduate modules in other programmes.

Compulsory modules (92 credits)

Code	Module	Credits	Module Name	Semester
13074	723	6	Introduction to R Programming	1
10602	715	16	Multivariate Statistical Analysis A	1
10603	745	16	Multivariate Statistical Analysis B	2
11228	791	30	Research Assignment: Mathematical Statistics	Both
65250	718	12	Stochastic Simulation	1
10751	747	12	Time Series Analysis	1

Please note the following prerequisite:

Multivariate Statistical Analysis A 715(16) is a prerequisite for Multivariate Statistical Analysis B 745(16).

Elective modules (at least 28 credits)

Code	Module	Credits	Module Name	Semester
10394	711	16	Bayesian statistics	1
10408	712	16	Biostatistics	1
11922	724	16	Capita Selecta in Mathematical Statistics A	1
11923	754	16	Capita Selecta in Mathematical Statistics B	2
10440	713	16	Experimental Design	1
13361	771	16	Mathematical Statistics for Data Science	2
10705	742	16	Sampling Techniques	2
13360	771	12	Statistical Learning Theory	1
10636	746	16	Survival Analysis	2

3.1.10.1 BComHons (Mathematical Statistics): Focus on Data Science

Interdepartmental and interfaculty collaboration

The Department of Statistics and Actuarial Science and the Division for Computer Science in the Faculty of Science jointly present this programme.

Admission requirements

- A bachelor's degree with a combined average mark of at least 65% for the third-year modules in Mathematical Statistics , and a satisfactory mark in Computer Science up to at least second-year level.

This programme is presented jointly by the Department of Statistics and Actuarial Science and the Division for Computer Science of the Department of Mathematical Sciences in the Faculty of Science. Consequently, you must be admitted to postgraduate study by both the Department of Statistics and Actuarial Science and the Division for Computer Science.

Selection

The number of students selected will be influenced by, among other things, staff capacity and the availability of resources within the departments, as well as academic merit and University transformation objectives (within the Division of Computer Science and the Department of Statistics and Actuarial Science). As staff capacity and resources may fluctuate from year to year, the number of students selected can also differ from year to year.

If the Computer Science and Mathematical Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Division of Computer Science and the Department of Statistics and Actuarial Science, the departments may require an additional departmental assessment on third year level Computer Science and Mathematical Statistics topics.

Students may also be required to complete additional undergraduate Stellenbosch University Computer Science and Mathematical Statistics modules along with their honours studies.

Programme structure

You must choose coursework modules from both of the Department of Statistics and Actuarial Science and the Division for Computer Science and complete a research assignment from the Department of Statistics and Actuarial Science.

Programme content

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

Below follow only the modules presented by the Department of Statistics and Actuarial Science. For details on modules presented by the Division for Computer Science, please consult the Yearbook part for Science. Note that some of the modules presented by Computer Science are compulsory.

Please also note:

The research assignment is compulsory. You must complete it under supervision and submit it examination.

Compulsory modules (48 credits)

Code	Module	Credits	Module Name	Semester
13074	723	6	Introduction to R Programming	1
11228	791	30	Research Assignment: Mathematical Statistics	Both
13360	771	12	Statistical Learning Theory	1

Elective modules (at least 72 credits)

You must take the modules from Computer Science into account when you choose your elective modules.

Please note:

Some of the modules listed below may not be offered in a specific year and some modules may also be offered in different semesters from the ones listed below, depending on circumstances in the Department. Please contact the Department to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
10394	711	16	Bayesian Statistics	1
13361	771	16	Mathematical Statistics for Data Science	2
10602	715	16	Multivariate Statistical Analysis A	1
10603	745	16	Multivariate Statistical Analysis B	2
65250	718	12	Stochastic Simulation	1
10751	747	12	Time Series Analysis	1

Please note the following prerequisite:

Multivariate Statistical Analysis A 715(16) is a prerequisite for Multivariate Statistical Analysis B 745(16).

3.1.11 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 criterium.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 https://www.su.ac.za/en/apply/pg-studies. 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

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: jacquin@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Mr Kurt Marais
Department of Logistics

Programme content

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

Compulsory modules (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
14692	773	15	Agent-based Modelling	Both
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	1

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.

3.1.12 BComHons (Public and Development Management)

Admission requirements

- A BA, BAdmin, BEcon or BCom degree with Public and Development Management on first-, second- and third-year level. You must have a combined average of at least 60% for the third-year modules in Public and Development Management.
- In addition to the abovementioned requirement, you must also pass **three** admission modules at NQF level 7, namely:
  - Administrative Law,
  - Orientation to Research Methods and Writing Skills for Public and Development Management, *and*
  - Computer Skills in Public and Development Management.

Further requirement

You must have access to a computer and stable internet connection for online learning.

Selection

The number of students selected will be influenced by staff capacity and the availability of resources within the School, 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 meets the admission requirements exceed the available capacity in the School, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact the School of Public Leadership directly at the details under "Enquiries" below to find out about the application process and closing date for applications.

Duration of programme and starting date

Duration: One year.
Starting date: End of January.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Phila Mkhize
Programme administrator
School of Public Leadership
Tel: 021 918 4132
E-mail: mkhizep@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Prof Zwelinzima Ndevu
School of Public Leadership

Programme structure

This programme is presented by means of face-to-face block sessions and interactive online sessions. The block contact sessions consist of one to two weeks of lectures in February and June and take place on the Bellville Park campus or in Tshwane, the latter only when financially viable. For the interactive online sessions, you may be required to gather at an electronic study centre near your place of residence. These lecture sessions happen once a term for each module and take a whole day. These lectures are presented using appropriate interactive e-learning platforms. You can interact with the lecturer during a transmission. For the remaining time, when you are not attending block or online sessions, you must do assignments and study at home.

Exams are not all written centrally on campus, but rather at the various study centres.

Programme content

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

Compulsory modules (120 credits)

All modules are compulsory, except where you must choose between the module Governance: Politics and the module Local Governance.

Please note:

You may substitute any module of nine credits with a postgraduate module of equivalent credit value from another discipline. Consult the programme leader for BComHons (Public and Development Management) at the School of Public Leadership if you want to do this.

Code	Module	Credits	Module Name	Semester
60674	761	9	Financial Management and Cost Accounting	2
60682	761	9	Information and Communication Technology for Management	2
12586	761	9	Governance: Economics	1
12587	761	9	Governance: Politics *or*	1
11648	761	9	Local Governance	1
58661	761	9	Leadership and Change Management	2
12529	761	9	Organisation Design	1
59250	761	9	People Management	1
51993	761	9	Project Management	2
12229	761	9	Public Policy Management	2
11345	761	30	Research Assignment: Public and Development Management	Both
58718	761	9	Sustainable Development	1

3.1.13 BComHons (Statistics)

Admission requirements

- A bachelor's degree with a combined average mark of at least 65% for the third-year modules in Statistics.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

If the Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on third-year level Statistics topics. Students may also be required to complete additional undergraduate Stellenbosch University Statistics modules along with their honours studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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. You must complete the programme within three years. If not, you will have to repeat your modules.

Starting date: One and a half weeks before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Elizna Huysamen
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: krugere@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Sugnet Lubbe
Department of Statistics and Actuarial Science

Programme content

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

Please note:

- Some of the elective modules listed below may not be offered in a specific year, depending on circumstances in the Department. Modules can also be offered in different semesters from what is listed below. Please contact the Department.
- The research assignment is compulsory. It must be completed with input from a supervisor and submitted for examination.
- You can ask for permission to take a maximum of 16 credits from suitable postgraduate modules in other programmes.

Compulsory modules (80 credits)

Code	Module	Credits	Module Name	Semester
10748	722	12	Applied Time Series Analysis	1
13074	723	6	Introduction to R Programming	1
10600	721	16	Multivariate Methods in Statistics A	1
10601	751	16	Multivariate Methods in Statistics B	2
11226	792	30	Research Assignment: Statistics	Both

Please take note of the following prerequisite:

Multivariate Methods in Statistics A 721(16) is a prerequisite for Multivariate Methods in Statistics B 751(16).

Elective modules (at least 40 credits)

Code	Module	Credits	Module Name	Semester
65269	746	12	Applied Stochastic Simulation	2
10408	712	16	Biostatistics	1
11920	725	16	Capita Selecta in Statistics A	1
11921	755	16	Capita Selecta in Statistics B	2
10440	713	16	Experimental Design	1
10705	742	16	Sampling Techniques	2
65242	736	12	Stochastic Modelling	2

3.1.14 BComHons (Transport Economics)

Admission requirements

- A BCom or another bachelor's degree that has been approved by Senate for the purpose; *and*
- Transport Economics at third-year level with an average final mark of at least 60%.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

Selection is done primarily on the student's performance in terms of the average percentage achieved for Transport Economics 314 and 348, as well as their overall performance. The Department also considers

research potential as displayed in Transport Economics 348, as well as the applicant's motivation in wanting to pursue postgraduate studies in Transport Economics.

Honours applicants from other universities must, upon request from the Department of Logistics, submit a one-page biography (brief curriculum vitae), proposed research topic and motivational cover letter.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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: One week before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: jacquin@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Dr Johann van Rensburg
Department of Logistics

Programme content

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

Compulsory modules (75 credits)

Code	Module	Credits	Module Name	Semester
10911	723	15	Introductory Forecasting	1
11047	775	30	Research Assignment: Transport Economics	Both
13473	711	15	Transport and Economic Development	1
59153	742	15	Urban and Regional Transport Economics	2

Elective modules (at least 45 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
11275	742	15	Air Transport Economics	2
64017	771	15	Capita Selecta (Transport Economics)	Both
59102	715	15	Competition and Regulation	2
10933	753	15	Forecasting	2
13076	744	15	International Trade Transport Infrastructure and Logistics	2
14024	773	15	Maritime Economics	1
13470	711	15	Rail Economics	2
59145	744	15	Road Transport Management	1

Apart from the modules listed above, any elective module(s) from another department within the Faculty of Economic and Management Sciences may also be selected in consultation with the Chair of the Department of Logistics.

3.2 BPubAdminHons

Admission requirements

- A BAdmin degree in Public and Development Management with an average of 60% for the Public Administration modules on third-year level;

  or

- An Advanced Diploma in Public Accountability, Public Management or Public Administration (NQF level 7) with an average of 60%;

  or

- Any university or BTech degree with an average of 60% and preferably three years of working experience;

  and

  Six admission modules that you must have passed at NQF level 7 (see the list below);

  or

- Any four-year tertiary diploma with an acceptable study record and at least five years of appropriate work exposure. Your qualifications and experience must comply with the recognition of prior learning (RPL) regulations of the University, the Faculty and the School of Public Leadership, respectively (for more on RPL and links to the regulations, see the chapter "General Information" at the beginning of this book).

  and

  Six admission modules at NQF level 7 that you must pass (see the list below).

  Admission modules at NQF level 7:

  - Administrative Law,
  - Orientation to Research Methods and Writing Skills for Public and Development Management,
  - Orientation to Public Management,
  - Orientation to Development,
  - Orientation to Public Policy, and
  - Computer Skills in Public and Development Management.

Further requirement

You must have access to a computer and stable internet connection for online learning.

Selection

The number of students selected will be influenced by staff capacity and the availability of resources in the School, 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 meets the admission requirements exceed the available capacity of the School, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact the School of Public Leadership directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: One year.
Starting date: End of January.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Phila Mkhize
Programme administrator
School of Public Leadership
Tel: 021 918 4132
E-mail: mkhizep@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Prof Zwelinzima Ndevu
School of Public Leadership

Programme structure

This programme is presented by means of face-to-face block sessions and interactive online sessions. The block contact sessions consist of one to two weeks of lectures in February and June and take place on the Bellville Park campus or in Tshwane, the latter only when financially viable. For the interactive online sessions, you may be required to gather at an electronic study centre near your place of residence. These lecture sessions happen once a term for each module and take a whole day. These lectures are presented using appropriate interactive e-learning platforms. You can interact with the lecturer during a transmission. For the remaining time, when you are not attending block or online lectures, you must do assignments and study at home.

Examinations are not all written centrally on campus, but rather in the different study centres.

Programme content

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

Compulsory modules (120 credits)

All modules are compulsory, except where you must choose between the module Governance: Politics and the module Local Governance.

Please note:

You may substitute any of the other nine-credit modules with a postgraduate module of equivalent credit value from another discipline. Consult the programme administrator for BPubAdminHons at the School of Public Leadership if you want to do this.

Code	Module	Credits	Module Name	Semester
60674	761	9	Financial Management and Cost Accounting	2
12586	761	9	Governance: Economics	1
12587	761	9	Governance: Politics *or*	1
11648	761	9	Local Governance	1
58661	761	9	Leadership and Change Management	2
60682	761	9	Information and Communication Technology for Management	1
12529	761	9	Organisation Design	1
59250	761	9	People Management	1
51993	761	9	Project Management	2
12229	761	9	Public Policy Management	2
11345	761	30	Research Assignment: Public and Development Management	Both
58718	761	9	Sustainable Development	1

3.3 BAccHons

Admission requirements

For students with degrees from Stellenbosch University

- Weighted average final mark of at least 70% for the following modules in the BAcc or BAccLLB programme:
  - Financial Accounting 379,
  - Taxation 399,
  - Management Accounting 378, *and*
  - Auditing 378.

  The following weightings are used in the calculation of the weighted average final mark:
  - Financial Accounting and Management Accounting, 4 each;
  - Taxation and Auditing, 3 each.

For students with degrees from other universities

If you obtained an undergraduate qualification from another higher education institution, which is equivalent to the BAcc (NQF level 7) or BAccLLB (NQF level 8) and is accredited with SAICA, the admission requirements for you are the same as for students with degrees from Stellenbosch University.

If you have a degree from an international university, you will not be admitted directly to the programme. In that case, you must first supplement certain undergraduate modules. You can request more details from the School of Accountancy.

Selection

The number of students selected can be influenced by, for example, staff capacity and the availability of resources within the School, 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 meets the admission requirements exceed the available capacity of the School, the criteria in the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. The closing date for applications is **31 October** of the year before your intended studies.

Duration, offering type and starting date of programme

Duration: One year, full-time.

Starting date: The Accountancy Research Assignment module begins in mid-January. There may also be a compulsory induction programme before classes officially start.

Programme's mode of delivery

Full-contact learning (face-to-face).

Assessment and examination

Compulsory examinations for all the modules (see the table of modules below) are written in October, except for the module Research Assignment: Accountancy. The Research Assignment: Accountancy module is assessed as a whole on an ongoing basis. Tests and assignments (if any) that are assessed on a continuous basis supplement the final mark for all the modules. You must pass all the compulsory modules in the same academic year in order to pass the programme. If you do not pass the programme after the examination, you may possibly be admitted to the supplementary examination in one or more modules for which an examination was written. The supplementary examination is written in November.

Qualifying as a Chartered Accountant

The South African Institute of Chartered Accountants (SAICA) controls the chartered accounting profession in the Republic of South Africa. To qualify as a Chartered Accountant (after obtaining a bachelor's degree), you must:

- pass a SAICA-accredited undergraduate and postgraduate programme;
- pass both SAICA's Initial Assessment of Competence and their Assessment of Professional Competence; *and*
- complete a three-year traineeship at an approved training organisation.

To gain admission to SAICA's Initial Assessment of Competence, you must obtain either the Postgraduate Diploma in Accounting or the degree BAccHons at this University, or another degree or diploma that has been approved by SAICA for this purpose.

To gain admission to SAICA's Assessment of Professional Competence, you must:

- successfully complete the Initial Assessment of Competence;
- successfully complete a preparatory course (at an approved educational organisation) aimed at the Assessment of Professional Competence;
- complete 20 months of traineeship at an approved training organisation.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Kyle Gordon
Programme administrator
School of Accountancy
Tel: 021 808 3845
E-mail: kdgordon@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof Soon Nel and Ms Anne-Marie Eloff
School of Accountancy

Programme content

You must earn a total of at least 150 credits for this programme.

The following accounting subject areas are presented as an integrated unit:

- auditing, regulation and information systems;
- financial accounting;
- financial management;
- management decision-making and control;
- strategy and risk management;
- taxation;
- accountancy research.

Compulsory modules

Also see the outline of integrated subject areas above.

Code	Module	Credits	Module Name	Semester
14072	771	24	Auditing, Regulation and Information Systems	Both
26883	771	40	Financial Accounting	Both
14071	771	32	Management Accounting and Finance	Both
14073	774	30	Research Assignment: Accountancy	Both
18287	771	24	Taxation	Both

4. Master's programmes

If you have not done so yet, please also consult the general section of this chapter for information on things like selection and postgraduate assessment. For information on the recognition of prior learning (RPL) and credit transfer and accumulation (CAT), and links to the University's and the Faculty's regulations in this regard, see the chapter "General Information" at the beginning of this book. Please refer to Part 1 (General) of the Yearbook for information about maximum durations allowed for all master's programmes at the University.

4.1 MCom

4.1.1 MCom (Actuarial Science)

Admission requirements

- An honours degree in Actuarial Science or Mathematical Statistics with an average of at least 50%;
- Passes in university modules equivalent to all seven of the foundation and intermediate technical subjects of the Actuarial Society of South Africa (or the core principles subjects of the Institute and Faculty of Actuaries); *and*
- Exemptions from (or passes in the profession's examinations for):
    - at least six of the foundation and intermediate technical examinations of the Actuarial Society of South Africa (or the core principles examinations of the Institute and Faculty of Actuaries); *and*
    - the Actuarial Risk Management (A311/CP1) examination *or* one of the fellowship principles examinations of the Actuarial Society of South Africa (or one of the specialist principles examinations of the Institute and Faculty of Actuaries).

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 admission requirements exceed the available capacity of the Department, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Application procedures and dates are advertised by the Department of Statistics and Actuarial Science in December and June of every year. For more information, contact the Department at the details under "Enquiries" below.

Duration and starting date of programme

Duration: A minimum of one year

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: January.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Me Lucia Rhode
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3952
E-mail: actuarial@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Garrett Slattery
Department of Statistics and Actuarial Science

Programme structure

You can choose between two possible options:

- **A Coursework option**, consisting of a research assignment and elective modules; *or*
- **A Thesis option**, consisting of a larger thesis and fewer elective modules than for the coursework option.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

A list of the compulsory and elective modules that make up the total credit load for each option appears below.

Compulsory module for the Coursework option (60 credits)

Code	Module	Credits	Module Name	Semester
11170	895	60	Research Project: Actuarial Science	Both

Compulsory module for the Thesis option (120 credits)

Code	Module	Credits	Module Name	Semester
11171	896	120	Thesis: Actuarial Science	Both

Elective modules for both options

- **For the Coursework option**, choose modules totalling at least 120 credits.
- **For the Thesis option**, choose modules totalling at least 60 credits.
- It may happen that some of the elective modules listed below will not be offered in a particular year. Please contact the Department of Statistics and Actuarial Science to find out which modules will be available.
- You may take modules totalling up to 30 credits from topics offered in the mathematical statistics or financial risk management postgraduate programmes (as approved by the Head of Actuarial Science from time to time).

Code	Module	Credits	Module Name	Semester
14929	847	45	Banking Principles (F107)	2
13697	811	60	Capita Selecta: Actuarial Applications A	Both
13699	841	60	Capita Selecta: Actuarial Applications B	Both
10364	845	45	Finance and Investment Principles (F105)	2
10365	846	45	Enterprise Risk Management Principles (F106)	2
10360	843	45	General Insurance Principles (F103)	2
10368	811	45	Health and Care Principles (F101)	1
14928	818	45	Health, Social and Employee Benefits (F108)	1
10372	812	45	Life Insurance Principles (F102)	1
10376	814	45	Pensions Principles (F104)	2

4.1.2 MCom (Business Management)

Admission requirements

- BComHons or another honours degree with an average of at least 50% and Business Management as major.
- The successful completion of an approved research methodology course.
- The presentation and acceptance of a research proposal that meets acceptable scientific standards and is deemed executable by the departmental admission committee.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 admission requirements exceed the available capacity of the Department, the following criteria will be used by the departmental admission committee to finalise the list of selected applicants:

- The choice of a field of study or topic in which adequate expertise and capacity exists in the Department of Business Management to be able to offer supervision.
- The demonstrated capability (academic experience and skills) of the candidate to successfully complete a postgraduate study, as assessed by the departmental admission committee.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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 of programme and starting date

Duration: Minimum of one year

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: 1 February or 1 July.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Annali Maass
Programme administrator
Department of Business Management
Tel: 021 808 3415
E-mail: apaint@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/business-management

Programme leaders

Prof Suzette Viviers
Financial Management and Investment Management Specialisation
Department of Business Management

Prof Liezl-Mari van der Westhuizen
Marketing and Entrepreneurship & Innovation
Department of Business Management

Programme content

You must earn a total of at least 180 credits for this programme.

This module is compulsory.

You must submit a full thesis that is the result of independent research.

Code	Module	Credits	Module Name	Semester
11239	828	180	Thesis: Business Management	Both

4.1.3 MCom (Computer Auditing)

Please note: This programme is only presented if we receive an acceptable minimum number of applications for a particular year. If not, applications are transferred to the next year.

Admission requirements

One of the following with an average of at least 50% for the relevant qualification:

- A BAccHons degree or Postgraduate Diploma in Accounting (that follows on a recognised bachelor's degree), or an equivalent qualification from another university, and registration as Chartered Accountant (SA) with the South African Institute of Chartered Accountants (SAICA); *or*
- An equivalent qualification that includes the outcomes required for this programme and relevant work experience, as well as registration with a relevant professional body.

Selection

The number of students selected for the programme is based on demand for the programme and the available supervision capacity. Your academic results for previous postgraduate and undergraduate programmes are considered in the selection process. You can only be considered for admission once you have submitted a valid application and all the necessary documentation on the appropriate platform.

Application procedure and closing date

South African and international candidates: Apply at https://www.su.ac.za/en/apply/pg-studies by **31 October** of the year before your intended studies.

Please note: A new group is admitted every second year only.

Duration and starting date of programme

Duration: Two years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: With the other classes at the University.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mrs Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof Riaan Rudman
School of Accountancy

Programme structure

You must attend lectures for the coursework component (in the first year of study) and the first part of the research assignment module (in the second year of study). These lectures are presented from the Stellenbosch campus by means of synchronous lectures online or physical face-to-face lectures on campus. There are several short sessions throughout the year, as well as block lectures. Class attendance (whether online or face-to-face) and assignment submission are compulsory and start in the first year, with frequent lectures during February to April and, thereafter, once a month until October. Compulsory class attendance ends with lectures during February to April in the year of the research assignment module and includes block lectures.

You must also attend a writing skills workshop about writing up research and complete a research assignment and an article that is publishable in an accredited journal.

Programme content

You must earn a total of at least 180 credits for this programme.

All modules are compulsory

You must pass Computer Auditing 871 to continue with the research assignment.

Code	Module	Credits	Module Name	Semester
56839	871	120	Computer Auditing	Both
56839	872	60	Research assignment: Computer Auditing	Both

4.1.4 MCom (Economics)

Admission requirements

- An honours degree with Economics as major and an average mark of at least 60%.
- A Mathematics mark in the National Senior Certificate (Grade 12) of at least 60% or you must have passed a university-accredited mathematics module approved by the Department of Economics.
- All applicants for the Full Thesis option must undergo selection. To be considered for selection, you must have obtained at least 70% for your honours research assignment.

Further requirement for the Coursework and Research Assignment or Thesis option:

In addition to the requirement above, you must also obtain at least 60% as your final mark in the intensive Statistics course that precedes the formal programme.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 admission requirements exceed the available capacity of the Department, the criteria in the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration:

- **Coursework and Research Assignment or Thesis option:**
  - One year.
  - You must complete the programme within three years. If not, you will have to repeat the compulsory modules.
- **Full Thesis option:** At least one year and a maximum of three years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date:

- **Coursework and Research Assignment or Thesis option:**

  You must complete a three-week intensive Statistics course before the formal programme begins. This intensive course starts early January.
- **Full Thesis option:** You may start in either the first or the second semester. Please contact the programme administrator (details below).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Carina Smit
Programme administrator
Tel: 021 808 2898
E-mail: carina@sun.ac.za

Website: www.ekon.sun.ac.za

Programme leader

Prof Willem Boshoff
Department of Economics

Programme structure

This programme allows you to choose between two main options:

- **Coursework and Research Assignment:**
  - The option with coursework and research assignment requires full-time class attendance.
  - You can choose between a research assignment of 60 credits or a thesis of 90 credits. The balance of credits (120 or 90) must come from modules as determined by the Department of Economics.
  - You may obtain a maximum of 20 credits from a related field of study that has been approved by the Department of Economics.
  - To apply for the **Financial Economics focal area**, you must have completed Financial Economics 771 or an equivalent in your honours year, and you must have an adequate background in Time Series Econometrics. This focal area requires additional compulsory modules that concentrate on financial economics and quantitative skills.

    In this focal area, you may choose between a 60-credit research assignment and a 90-credit thesis. Your research topic must fall within the field of financial economics. Additionally, you must choose modules from the list of general elective modules in the broader programme to complete 180 credits.
- **Full Thesis option:**
  - You must complete a full thesis of 180 credits.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

A list of compulsory and elective modules follows.

Compulsory modules for the Coursework and Research Assignment option

Please note:

Mathematical Methods for Economics 771 is only compulsory if you did not pass a similar module as part of an honours programme. This will extend the programme with six months.

The reason for the extension is that you must first do an intensive three-week Mathematics course before you start Mathematical Methods for Economics 771. This intensive Mathematics course runs concurrently with the intensive three-week Statistics course that feeds into Econometrics 871. In other words, you will only be able to do the Statistics course and Econometrics 871 in the following year.

Code	Module	Credits	Module Name	Semester
10430	871	20	Econometrics	1
10595	871	20	Macroeconomics	1
10760	771	14	Mathematical Methods for Economics*	1
10605	871	20	Microeconomics	2
11216	873	60	Research Assignment: Economics** *or*	Both
11235	872	90	Thesis: Economics**	Both

* This module is only required from students who have not completed the Mathematical Methods 771 or equivalent in a prior qualification.

** Students following the focal area Financial Economics (below) are required to focus on a topic specifically related to Financial Economics.

Focal area: Financial Economics

In addition to the compulsory modules listed above, this focal area also requires that you complete the two modules listed below, along with a research topic specifically related to Financial Economics.

Code	Module	Credits	Module Name	Semester
14380	871	10	Data Science for Economics and Finance	1
12949	871	10	Financial Econometrics*	2

* You need at least 60 % for the Time Series component of Econometrics 871 to be admitted to this module. Financial Econometrics 771 or any second-year module in Finance or Investment Management is strongly recommended.

Elective modules for the Coursework and Research Assignment option (including the Financial Economics focal area)

- If you are doing the Research Assignment option:
  - *without* Mathematical Methods for Economics 771, choose at least 60 credits.
  - *with* Mathematical Methods for Economics 771, choose at least 50 credits.
- If you are doing the Thesis option:
  - *without* Mathematical Methods for Economics 771, choose at least 30 credits.
  - *with* Mathematical Methods for Economics 771, choose at least 20 credits.

Please note: Not all the following modules will necessarily be offered each year. Please contact the Department of Economics to find out which modules will be presented in a specific year.

Code	Module	Credits	Module Name	Semester
11267	872	20	Advanced Cross-section Econometrics**	2
10515	871	10	Advanced Development Economics	1
13989	871	20	Advanced Macroeconomic Policy	2
12528	872	20	Advanced Time Series Econometrics**	2
11146	871	10	Applied Macroeconomics III	1 or 2
10747	871	10	Applied Microeconomics III	1 or 2
14377	874	10	Behavioural Economics	2
14380	871	10	Data Science for Economics and Finance	1
10635	872	10	Development Economics	1
10436	871	10	Economic History	1
10432	871	10	Economics of Education I	2
10433	871	10	Economics of Education II	2
14933	812	10	Economics of Exclusion***	1
14025	871	10	Economics of Technological Change***	2
59617	871	10	Environmental Economics***	1
12949	871	10	Financial Econometrics*	2
13469	871	10	Health Economics***	2
11263	871	10	Industrial Organisation	2
64041	871	10	Institutional Economics***	2
10554	871	10	International Finance	2
14930	841	10	International Trade Theory and Policy	2
51861	871	10	Labour Economics***	2
64033	871	10	Monetary Economics	2
11143	871	10	Public Economics	1

* You need 60% for the Time Series component of Econometrics 871(20) to be admitted to this module. Financial Economics 771(10) or any second-year module in Finance or Investment Management is strongly recommended.

** You need 60% for Econometrics 871(20) to be admitted to this module.

*** As a rule, these modules are only presented every second year. You must contact the Department of Economics to find out which modules will be presented in a specific year.

Please note:

If you failed the module Economics of Discrimination 871 in 2024 or earlier, you must register for Economics of Exclusion 812. Either Economics of Discrimination 871 or Economics of Exclusion 812 will count for graduation purposes.

Compulsory modules for the Full Thesis option

Code	Module	Credits	Module Name	Semester
11235	828	180	Thesis: Economics	Both

4.1.5 MCom (Financial Accounting)

Please note that the programme will not take in any new students in 2026.

Admission requirements

- A BComHons degree in Financial Accounting or Management Accounting from Stellenbosch University, or an equivalent qualification from another university;
- At least 60% for Financial Accounting as subject during your previous under- and postgraduate studies;
- Any additional preparatory work approved by Senate for this purpose.

Further requirements

- Registration as Chartered Management Accountant with CIMA (or an equivalent, appropriate professional registration).
- You must have knowledge of research methodology to be admitted to the master's programme, including, where applicable, quantitative empirical research methods. The programme leader may require you to complete appropriate methodology modules before you start the programme.

Selection

There is no limit on the number of students that is admitted to the programme, but additional selection criteria apply. The prospective student must submit an initial mini-research proposal to the programme leader and Deputy Director: Research of the School of Accountancy. The programme leader and Deputy Director: Research will then evaluate whether the proposed topic falls with the School's discipline domain and also whether staff with the required expertise and experience will be available to supervise the student. If the programme leader and Deputy Director: Research are of the opinion that the topic falls within the School's discipline domain, a willing and able supervisor is available, the planned study is feasible and could possibly represent a valuable contribution to the existing body of knowledge of the field of study, a provisional supervisor is appointed and the student is requested to start working with the supervisor on an official research proposal.

Finally, the candidate presents the proposal to an admissions committee of the School of Accountancy. Should the proposal be approved by the committee, the committee assigns a supervisor, and the supervisor sends the completed master's admission form to the faculty administrator for a recommendation to the Faculty Board that the student be admitted to the master's programme. The prospective student may also be requested to complete additional modules (e.g., a research methodology or econometrics modules).

Duration and starting date of programme

Duration: One year

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: With the other classes at the University.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof George Nel
School of Accountancy

Programme structure

You must complete a research project according to the requirements set by the School of Accountancy. This project consists of a thesis and a related article publishable in an accredited journal. You must also attend a writing skills workshop about the writing of research proposals, presented by the Language Centre.

Programme content

You must earn a total of at least 180 credits for this programme.

This module is compulsory.

Code	Module	Credits	Module Name	Semester
66567	828	180	Thesis: Financial Accounting	Both

4.1.6 MCom (Financial Risk Management)

Admission requirements

- One of the following with an average of at least 50%: A BComHons in Financial Risk Management from Stellenbosch University or an equivalent qualification from another recognised university.
- For the full-thesis master's programme, an honours degree in the same (or a related) field is required. An acceptable study record in the preceding programme with an average of 65% is recommended. However, other factors, such as research output (in the preceding programme, or intermittent industry-related work), may be considered if you attained at least 60% in the preceding programme. In addition, an acceptable research proposal is required (by the supervisor) prior to admission to the full-thesis master's programme.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

If the Financial Risk Management or Mathematical Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on Financial Risk Management or Mathematical Statistics topics. Students may also be required to complete additional Stellenbosch University modules along with their MCom studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration: A minimum of one year

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: One and a half weeks before the other classes at the University begin.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Elizna Huysamen
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: krugere@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Daniel Polakow
Department of Statistics and Actuarial Science

Programme structure

You can choose between three possible options:

- **A Coursework and Research Assignment option**, consisting of a compulsory research assignment of 60 credits and elective modules to add up to at least 180 credits;
- **A Coursework and Thesis option**, consisting of a compulsory thesis of 90 credits and elective modules to add up to at least 180 credits; *or*
- **A Full Thesis option**, consisting of a compulsory thesis of 180 credits.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for the Coursework and Research Assignment option (60 credits)

Code	Module	Credits	Module Name	Semester
11218	893	60	Research Assignment: Financial Risk Management	Both

Compulsory module for the Coursework and Thesis option (90 credits)

Code	Module	Credits	Module Name	Semester
11237	891	90	Thesis: Financial Risk Management	Both

Compulsory module for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
54690	895	180	Thesis: Financial Risk Management	Both

Elective modules for the options that entail coursework

Select modules to add up to at least 180 credits when added to the assignment or thesis.

Please note:

Some of the modules listed below may not be offered in a specific year, depending on circumstances in the Department. Please contact the Department to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
10501	831	15	Advanced Financial Risk Management A	1
10503	861	15	Advanced Financial Risk Management B	1
10504	835	15	Advanced Financial Risk Management Software	2
10517	833	15	Advanced Portfolio Management Theory A	1
10518	863	15	Advanced Portfolio Management Theory B	2
10575	834	15	Credit Derivative Instruments A	2
10576	864	15	Credit Derivative Instruments B	2
10441	813	15	Extreme Value Theory A	1
10442	843	15	Extreme Value Theory B	2
10461	865	15	Financial Risk Management Practice	2

4.1.7 MCom (Human Resource Management)

Admission requirements

- An acknowledged honours degree in Industrial Psychology or Human Resource Management or an equivalent qualification.
- An average of at least 65% for the preceding honours degree.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

In addition to the admission requirements, the following criteria will be considered by the selection committee:

- A minimum mark of 60% for your honours modules in Human Resource Management.
- Psychometric and other assessments you may need to undergo to determine suitability.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. South African students must apply by **30 September** of the year before their intended studies and international students by **01 September**.

Duration, offering type and starting date of programme

Duration: One year, full-time, or two years, part-time.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: January.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Coreli Cillie
Programme administrator
Department of Industrial Psychology
Tel: 021 808 3005
E-mail: cmcillie@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/industrial-psychology

Programme leader

Prof Mpho Magau
Department of Industrial Psychology

Programme structure

There is only a full-thesis option in the master's programme in Human Resources Management.

On completion of your study, you must present a manuscript, based on your thesis and ready for publication in an accredited journal.

Programme content

You must earn a total of at least 180 credits for this programme.

This module is compulsory.

Code	Module	Credits	Module Name	Semester
11241	828	180	Thesis: Human Resource Management	Both

4.1.8 MCom (Industrial Psychology)

Admission requirements

- One of the following:
  - A BComHons (Industrial Psychology) degree from Stellenbosch University *or*
  - An equivalent honours degree.
- An average of at least 65% for the preceding honours degree.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

In addition to the admission requirements, the following criteria will be considered by the selection committee:

- A minimum mark of 60% for your honours Industrial Psychology modules.
- Psychometric and other assessments you may need to undergo to determine suitability.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. South African students must apply by **30 September** of the year before their intended studies and international students by **01 September**.

Duration, offering type and starting date of programme

Duration:

- **The Coursework option, including a one-year internship:** The minimum duration is two years full-time.
- **The modular Coursework option, including a one-year internship**: The minimum duration is two years, and the maximum duration is four years part-time.

Please note:

The minimum enrolment time indicates the minimum time you must be enrolled in the programme. A maximum enrolment period is also prescribed in alignment with the guidelines of the Health Professions Council of South Africa (HPCSA).

In addition to the programme-level stipulations regarding the duration of studies, please note the general University stipulations for the minimum and maximum enrolment periods at master's level. See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: Two weeks before the other classes at the University begin.

Assessment

Recognition period of modules

Master's modules are recognised for graduation purposes for five years. After five years, recognition expires unless you obtain written permission for extension.

Registration as Psychologist, category: Industrial Psychology

The MCom (Industrial Psychology) serves as requirement for registration as psychologist (in the category Industrial Psychology) with the HPCSA. You can obtain more information on the requirements for statutory registration as psychologist from the HPCSA's website: www.hpcsa.co.za. If you intend registering as a psychologist, you must register with the Professional Board for Psychology from the first year of your registration as a master's student in Industrial Psychology. Get your application form from the HPCSA website. Complete the forms and mail them together with all the necessary documentation.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Coreli Cillie
Programme administrator
Department of Industrial Psychology
Tel: 021 808 3005
E-mail: cmcillie@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/industrial-psychology

Programme leader

Dr Francois van der Bank
Department of Industrial Psychology

Programme structure

Due to revised requirements by the Board of Psychology of the HPCSA, this programme includes a full one-year internship, making the minimum duration of the programme two years. You will be required to complete the entire theoretical component of the programme and have a research proposal approved by the department before embarking on the internship. The internship and research component of the programme can be completed in the same year.

There are two options in the programme:

1. **A full-time Coursework option, including a one-year internship**:
2. **A modular Coursework option, including a one-year internship**:
    - Set aside five weeks in the first year for attending compulsory classes on campus. The complete programme is available on the departmental website.
    - Examinations are written on campus, or at specified study centres around the country.

In both options, you must present a manuscript, based on your thesis and ready for publication in an accredited journal, to your supervisor, once you have completed your studies.

Programme content

Programme modules

You must earn a total of at least 180 credits for one of the options in this programme.

You must complete all the compulsory coursework modules (90 credits) and the thesis (90 credits), as well as the one-year internship. See the programme outline below.

All modules are compulsory (180 credits).

Code	Module	Credits	Module Name	Semester
12945	872	6	Counselling Skills for the Workplace	2
10550	873	12	Intermediate Statistics and Computer Usage	2
10404	874	10	Occupational Health and Well-being	1
12992	875	10	Organisational Development and Change	1
10667	876	10	Performance Dysfunction in the Workplace	2
10648	886	10	Personality in the Workplace	1
12946	881	10	Professional Consultation and Ethics	2
14027	876	12	Psychological Assessment in Practice	1
10711	882	10	Strategic and Ethical Leadership	2
11234	871	90	Thesis: Industrial Psychology	Both
14932	891	0	Industrial Psychology Internship	Both

4.1.9 MCom (Logistics Management)

Admission requirements

- You must have one of the following with an average of at least 50%: the BComHons (Logistics Management) degree or a qualification considered by the Senate to be of equal standing;

  and

- You must have passed a research module at postgraduate level with a final mark of at least 60%. *Please note:* if you do not meet this requirement, you are eligible to register for a bridging research module. Once you have completed this module with a final mark of at least 60%, you will meet the requirements to apply for the MCom (Logistics Management).

  and

- The presentation of a research proposal that meets acceptable scientific standards and is deemed executable by the Department.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 admission requirements exceed the available capacity of the Department, the criteria in the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration: One year to eighteen months

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: One week before the other classes at the University begin.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: jacquin@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Dr Gculi Khumalo
Department of Logistics

Programme structure

You can choose between two possible options:

- **A Coursework and Thesis option,** consisting of a thesis and elective modules; *or*
- **A Full Thesis option**, consisting of a full thesis that is the result of independent research.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for the Coursework and Thesis option (150 credits)

Code	Module	Credits	Module Name	Semester
11238	884	150	Thesis: Logistics Management	Both

Elective modules for the Coursework and Thesis option (at least 30 credits)

Code	Module	Credits	Module Name	Semester
11571	814	15	Capita Selecta 1 (Logistics Management)	1
11571	844	15	Capita Selecta 2 (Logistics Management)	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. Please contact the programme leader to find out which modules are available.

Compulsory modules for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
11238	828	180	Thesis: Logistics Management	Both

4.1.10 MCom (Management Accounting)

Admission requirements

- A BComHons (Management Accounting) degree from Stellenbosch University, *or* an equivalent qualification from another university;
- At least 60% for Management Accounting as subject during previous undergraduate studies, and at least 60% for Management Accounting as subject area and in general during your previous postgraduate studies;
- Any additional preparatory work approved by Senate for this purpose.

Further requirements

- Registration as Chartered Management Accountant with CIMA (or an equivalent, appropriate professional registration).
- You must have knowledge of research methodology to be admitted to the master's programme, including, where applicable, quantitative empirical research methods. The programme leader may require you to complete appropriate methodology modules before you start the programme.

Selection

There is no limit on the number of students that is admitted to the programme, but additional selection criteria apply. The prospective student must submit an initial mini-research proposal to the programme leader and Deputy Director: Research of the School of Accountancy. The programme leader and Deputy Director: Research will then evaluate whether the proposed topic falls within the School's discipline domain and also whether staff with the required expertise and experience will be available to supervise the student. If the programme leader and Deputy Director: Research are of the opinion that the topic falls within the School's discipline domain, a willing and able supervisor is available, the planned study is feasible and could possibly represent a valuable contribution to the existing body of knowledge of the field of study, a provisional supervisor is appointed and the student is requested to start working with the supervisor on an official research proposal.

Finally, the candidate presents the proposal to an admissions committee of the School of Accountancy. Should the proposal be approved by the committee, the committee assigns a supervisor, and the supervisor sends the completed master's admission form to the faculty administrator for a recommendation to the Faculty Board that the student be admitted to the master's programme. The prospective student may also be requested to complete additional modules (e.g., a research methodology or econometrics modules).

Duration and starting date of programme

Duration: One year

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: With the other classes at the University.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za
Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof Soon Nel
School of Accountancy

Programme structure

You must complete a research project according to the requirements set by the School of Accountancy. This project consists of a thesis and a related article publishable in an accredited journal.

You must also attend a writing skills workshop about the writing of research proposals, presented by the Language Centre.

Programme content

You must earn a total of at least 180 credits for this programme.

This module is compulsory.

Code	Module	Credits	Module Name	Semester
66540	828	180	Thesis: Management Accounting	Both

4.1.11 MCom (Mathematical Statistics)

Please note: An application has been submitted to externally change the title of this programme to Master of Commerce in Statistics and Data Science, abbreviated as MCom (Statistics and Data Science). This change will be implemented once the amended title has been approved by the Department of Higher Education and Training (DHET) and the Council on Higher Education (CHE), and the change has been registered by the South African Qualifications Authority (SAQA).

Admission requirements

One of the following with an average of at least 50%:

- An honours degree with Mathematical Statistics as the major field of study, *or*
- A Bachelor of Data Science (NQF level 8) with focal area Statistical Learning.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

If your background in mathematical statistics or data science is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on mathematical statistics or data science topics. You may also be required to complete additional Stellenbosch University mathematical statistics or data science modules along with your MCom studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration: Two years. You must complete the programme within four years. If not, you will have to repeat your modules.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: One and a half weeks before the other classes at the University begin.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Elizna Huysamen
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: krugere@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Sugnet Lubbe
Department of Statistics and Actuarial Science

Programme structure

You can choose between two possible options:

- **A Coursework and Research Assignment option**, consisting of a compulsory research assignment of 60 credits and elective modules to add up to at least 180 credits;
- **A Coursework and Thesis option**, consisting of a compulsory thesis and elective modules to add up to at least 180 credits.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for the Coursework and Research Assignment option (60 credits)

Code	Module	Credits	Module Name	Semester
14723	871	60	Research Assignment: Statistics and Data Science	Both

Compulsory module for the Coursework and Thesis option (90 credits)

Code	Module	Credits	Module Name	Semester
14724	895	90	Thesis: Statistics and Data Science	Both

Elective modules for both options

- For the Coursework and Research Assignment option, choose modules totalling at least 120 credits.
- For the Coursework and Thesis option, choose modules totalling at least 90 credits.

Please note:

Some of the modules listed below may not be offered in a specific year, depending on circumstances in the Department. Modules can also be offered in different semesters from what is listed below. Please contact the Department to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
10524	819	15	Advanced Mathematical Statistics A	1
11173	849	15	Advanced Mathematical Statistics B	2
10512	815	15	Advanced Multivariate Statistical Analysis A	1
10513	845	15	Advanced Multivariate Statistical Analysis B	2
10523	818	15	Advanced Sampling Techniques	1
10694	811	15	Bootstrap and other Resampling Techniques A	1
10695	841	15	Bootstrap and other Resampling Techniques B	2
10441	813	15	Extreme Value Theory A	Both
10442	843	15	Extreme Value Theory B	Both
18130	822	15	Multi-dimensional Scaling A	1
11910	852	15	Multi-dimensional Scaling B	2
10703	812	15	Statistical Learning Theory A	1
10704	842	15	Statistical Learning Theory B	2

Also take note of the following combinations and prerequisites:

- Bootstrap and other Resampling Techniques A 811(15) is a prerequisite for Bootstrap and other Resampling Techniques B 841(15).
- Extreme Value Theory A 813(15) and Extreme Value Theory B 843(15) together form a year module.
- Multi-dimensional Scaling A 822(15) is a prerequisite for Multi-dimensional Scaling B 852(15).
- Statistical Learning Theory A 812(15) and Statistical Learning Theory B 842(15) together form a year module.

Please note: 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 Statistics and Actuarial Science. For more information, please contact the programme leader.

4.1.12 MCom (Operations Research)

Admission requirements

One of the following with an average of at least 50%:

- A BComHons (Operations Research) degree *or*
- A BScHons (Operations Research) degree *or*
- A qualification considered by the Senate to be of equal standing.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 admission requirements exceed the available capacity of the Department, the criteria in the admission requirements 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 https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration: A minimum of one year.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

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

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: jacquin@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Dr Isabelle Nieuwoudt
Department of Logistics

Programme structure

You can choose between two possible options:

- **A Coursework and Thesis option**, consisting of a thesis and elective modules; *or*
- **A Full Thesis option**, consisting of a full thesis that is the result of independent research.

For information on the Full Thesis option or the Coursework and Thesis option as part of the MSc in Operations Research, consult the Yearbook part for Science.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for the Coursework and Thesis option (150 credits)

Code	Module	Credits	Module Name	Semester
11243	884	150	Thesis: Operational Research	Both

Elective modules for the Coursework and Thesis option (at least 30 credits)

Please contact the programme leader to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
64009	814	15	Capita Selecta 1 (Operations Research)	1
64009	844	15	Capita Selecta 2 (Operations Research)	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.

Compulsory modules for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
11243	828	180	Thesis: Operational Research	Both

4.1.13 MCom (Public and Development Management)

Please note: the Coursework and Thesis option is not available to students who register for the first time in 2026.

Admission requirements

- An BAHons, BAdminHons, BComHons or an BEconHons degree in Public and Development Management with an average of at least 60%.
- An NQF level 8 qualification (professional bachelor's degree, postgraduate diploma or honours degree) in the same classification of educational subject matter (CESM) category, with an average of at least 60%.
- If you hold an NQF level 9 qualification or higher (master's degree or PhD), you may be exempted from the 60%-average requirement above.

Further requirements

- You must submit either an honours degree research report or a research proposal as part of your application. You must complete your research proposal and orally defend it to an academic panel. The proposal must be accepted for you to continue with the programme.
- You must have access to a computer and stable internet connection for online learning.

Selection

The total number of students admitted per year depends on the joint available space in the MCom (Public and Development Management), MA (Public and Development Management) and M (Public Administration) programmes as well as available supervision capacity in the School of Public Leadership.

The academic quality of the research proposal or research report will be assessed in terms of the demonstrated academic research and writing ability, familiarity with contemporary literature in the field, relevance of the research objectives, design and methods and the potential academic merit of the study.

Application procedure and closing date

Contact the School of Public Leadership directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration, offering type and starting date of programme

Duration: One year, full-time; two years, part-time; with block sessions and interactive online sessions for the Coursework and Thesis option.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: Normally late January or early February.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Phila Mkhize
Programme administrator
School of Public Leadership
Tel: 021 918 4132
E-mail: mkhizep@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Prof Babette Rabie
School of Public Leadership

Programme structure

There are two options in the programme:

- **A Coursework and Thesis option:**

  Please note: this option is not available to students who register for the first time in 2026.

  For this option, you must follow three 30-credit elective modules and an appropriate, advanced course in research methodology and academic writing skills. In addition, you must complete a 90-credit thesis with guidance from an academic study leader.

  The coursework component is presented by means of block sessions and interactive online sessions:

  - Block sessions entail that you must attend lectures in blocks of one to two weeks at a time in January and in May at the Bellville Park campus. Further writing workshops may also be scheduled during the course of the year to give you time for dedicated writing.
  - For the interactive online presentations, you must attend at least two full days in the first semester and two full days in the second semester via an applicable interactive e-learning platform. You must also independently watch the provided video recordings and engage with study material.
  - For the remaining time, you will study at home and do assignments that must be submitted electronically.
  - Exams are written in Bellville or in Tshwane.
- **A Full Thesis option:**

  This is the full research option. You must complete a course in appropriate advanced research methodology and academic writing (if you have not successfully completed such a course before) and a full thesis of 180 credits under guidance of an academic study leader.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

Compulsory module for the Coursework and Thesis option (90 credits)

Code	Module	Credits	Module Name	Semester
11242	861	90	Thesis: Public and Development Management	Both

Elective modules for the Coursework and Thesis option (90 credits)

- Choose three of the following modules.
- Please note that a minimum of ten students is required for a module to be presented.

Code	Module	Credits	Module Name	Semester
11269	871	30	Advanced Programme and Project Management	Both
11270	871	30	Anti-corruption Studies	Both
58874	862	30	Capita Selecta A: Sector specialisation as requested by students	Both
58874	861	30	Capita Selecta B: Sector specialisation as requested by students	Both
11271	871	30	Comparative and Contemporary Public Management Innovation Studies	Both

Code	Module	Credits	Module Name	Semester
60496	861	30	Integrated Community-based Development	Both
60518	861	30	Integrated Public Management	Both
60526	861	30	Integrated Public Policy Management and Analysis	Both
11272	871	30	Monitoring and Evaluation	Both
66370	861	30	Municipal Management and Development	Both
60488	861	30	Public Management Law	Both

Compulsory module for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
11242	828	180	Thesis: Public and Development Management	Both

4.1.14 MCom (Statistics)

Please note: An application has been submitted to externally change the title of this programme to Master of Commerce in Applied Statistics and Data Science, abbreviated as MCom (Applied Statistics and Data Science). This change will be implemented once the amended title has been approved by the Department of Higher Education and Training (DHET) and the Council on Higher Education (CHE), and the change has been registerered by the South African Qualifications Authority (SAQA).

Admission requirements

One of the following with an average of at least 50%:

- An honours degree with Statistics as major field of study, *or*
- A Bachelor of Data Science (NQF level 8) with focal area Statistical Learning.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

If your background in applied statistics and data science is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on applied statistics and data science topics. You may also be required to complete additional Stellenbosch University applied statistics and data science modules along with your MCom studies.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration: Two years. You must complete the programme within four years. If not, you will have to repeat your modules.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: One and a half weeks before the other classes at the University begin.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Elizna Huysamen
Programme administrator
Department of Statistics and Actuarial Science
Tel: 021 808 3244
E-mail: krugere@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/statistics-and-actuarial-science

Programme leader

Prof Sugnet Lubbe
Department of Statistics and Actuarial Science

Programme structure

You can choose between two possible options:

- **A Coursework and Research Assignment option**, consisting of a compulsory research assignment of 60 credits and elective modules to add up to at least 180 credits;
- **A Coursework and Thesis option**, consisting of a compulsory thesis of 90 credits and elective modules to add up to at least 180 credits.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for Coursework and Research Assignment option (60 credits)

Code	Module	Credits	Module Name	Semester
14721	872	60	Research Assignment: Applied Statistics and Data Science	Both

Compulsory module for Coursework and Thesis option (90 credits)

Code	Module	Credits	Module Name	Semester
14722	893	90	Thesis: Applied Statistics and Data Science	Both

Elective modules for both options

Choose modules to add up to at least 180 credits with the research assignment or thesis.

Please note:

Some of the modules listed below may not be offered in a specific year, depending on circumstances in the Department. Modules can also be offered in different semesters from what is listed below. Please contact the Department to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
10523	818	15	Advanced Sampling Techniques	1
10521	821	15	Advanced Statistics A	1
10522	851	15	Advanced Statistics B	2
11913	851	15	Applied Extreme Value Theory	2
10694	811	15	Bootstrap and other Resampling Techniques A	1
10695	841	15	Bootstrap and other Resampling Techniques B	2
18130	822	15	Multi-dimensional Scaling A	1
11910	852	15	Multi-dimensional Scaling B	2

Also please take note of the following prerequisites:

- Bootstrap and other Resampling Techniques A 811(15) is a prerequisite for Bootstrap and other Resampling Techniques B 841(15).
- Multi-dimensional Scaling A 822(15) is a prerequisite for Multi-dimensional Scaling B 852(15).

Please note: 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 Statistics and Actuarial Science. For more information, please contact the programme leader.

4.1.15 MCom (Taxation)

Admission requirements

- Both of the following:
  - The degree BCom (Law) *and*
  - The degree LLB from Stellenbosch University (including completed Taxation electives),

  or
- Equivalent qualifications and any additional preparatory programmes approved by Senate for this purpose.
- At least 55% for the Taxation modules in each year of previous study and a 55% aggregate for the degrees overall

Further requirements

- **For the Coursework and Research Assignment option:**
  - If you are not a CA(SA) or an admitted attorney, you must have practical experience in the field of taxation evidenced by proven work experience. A description of your previous work experience, detailing tax-related duties and responsibilities, would be considered evidence.
- **For the Full Thesis option:**
  - You must be registered as Chartered Management Accountant (CIMA) or as Attorney (or have obtained an equivalent, appropriate professional registration).
- **For both options:**
  - You must have knowledge of research methodology to be admitted to the master's programme, including, where applicable, quantitative empirical research methods. The programme leader may require you to complete appropriate methodology modules before you start the programme.

Selection

For the Coursework and Research assignment option:
A maximum of 10 students altogether is selected every two years for the combined group of students taking the Coursework and Research Assignment options of the MCom (Taxation) and the MAcc (Taxation). The number is determined based on the available supervision capacity. Selection of students is based on academic merit.

As part of the selection requirements, shortlisted applicants will be required to submit a five-page tax opinion on a specific tax question which will be provided during the second round of the selection process. The tax opinion submitted would be evaluated by the programme leader and/or the Divisional Head of Taxation to consider the professional competency of candidates (language usage, logical argumentation applied, sources consulted to formulate the opinion, and final opinion). In this regard the programme leader and/or the Divisional Head of Taxation would draw on their own academic tax research experience. Candidates that demonstrated the most professional competency in completing the tax opinion would be prioritised during the selection process.

For the Full Thesis option:
There is no limit on the number of students that is admitted to the programme, but additional selection criteria apply. The prospective student must submit an initial mini-research proposal to the programme leader and Deputy Director: Research of the School of Accountancy. The programme leader and Deputy Director: Research will then evaluate whether the proposed topic falls within the School's discipline domain and whether staff with the required expertise and experience will be available to supervise the student. If the programme leader and Deputy Director: Research are of the opinion that the topic falls within the School's discipline domain, a willing and able supervisor is available, the planned study is feasible and could possibly represent a valuable contribution to the existing body of knowledge of the field of study, a provisional supervisor is appointed, and the student is required to start working with the supervisor on an official research proposal.

Finally, the candidate presents the official research proposal to an admissions committee of the School of Accountancy. Should the proposal be approved by the committee, the committee assigns a supervisor, and the supervisor sends the completed master's admission form to the faculty administrator for a recommendation to the Faculty Board that the student be admitted to the master's programme. The prospective student may also be requested to complete additional modules (e.g., a research methodology or econometrics modules).

Application procedure and closing date

A new group for the Coursework and Research Assignment option is only admitted every second year. Apply at https://www.su.ac.za/en/apply/pg-studies by **31 October** of the year before your intended studies.

Duration, offering type and starting date of programme

Duration:

- **Full Thesis option:** One year, full-time.
- **Coursework and Research Assignment option:** Two to three years, part-time.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date:

With the other classes at the University.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof Rudie Nel
School of Accountancy

Programme structure

You can choose between the following two options:

- **Full Thesis option:**

  You must attend lectures on writing skills and write a research proposal. Your research proposal must be presented to the Research Committee of the School of Accountancy, who must approve the proposal.

  Your research project must be completed according to the requirements set by the School of Accountancy. This project consists of a thesis and a related article publishable in an accredited journal.

- **Coursework and Research Assignment option:**

  Attending all the interactive lectures on selected topics, as well as lectures on writing skills and writing a research proposal, is compulsory.

  You must complete a research project of limited scope according to the requirements set by the School of Accountancy. This consists of a research assignment (after writing a compulsory research proposal) and a related article publishable in an accredited journal.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

Compulsory modules in the Coursework and Research Assignment option

You must pass Advanced Taxation 871 to be able to continue with the research assignment.

Code	Module	Credits	Module Name	Semester
10492	871	108	Advanced Taxation	Both
10493	872	72	Research Assignment: Advanced Taxation	Both

Compulsory module in the Full Thesis option

Code	Module	Credits	Module Name	Semester
66559	828	180	Thesis: Taxation	Both

4.1.16 MCom (Transport Economics)

Admission requirements

One of the following with an average of at least 50%:

- A BComHons degree in Transport Economics, *or*
- A qualification considered by the Senate to be of equal standing.

Selection

The number of students selected can be influenced by, for example, staff capacity and the 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 admission requirements exceed the available capacity of the Department, the applicant's average academic performance and research proposal will be evaluated on case-by-case basis and will be used to rank the applicants in order of suitability to finalise the list of selected applicants.

Applicants should approach members of academic staff associated with the Department of Logistics to explore potential research topics and supervision. Only applicants with a viable research topic and a willing supervisor will be considered.

Application procedure and closing date

Apply at https://www.su.ac.za/en/apply/pg-studies. 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 and starting date of programme

Duration: One year to eighteen months.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: One week before the other classes at the University begin.

Programme's mode of delivery

For Coursework and Thesis option: Full-contact learning (face-to-face).
For Full Thesis option: Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Mr Jacquin Flandorp
Programme administrator
Department of Logistics
Tel: 021 808 3911
E-mail: jacquin@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/logistics

Programme leader

Prof Stephan Krygsman
Department of Logistics

Programme structure

You can choose between two possible options:

- **A Coursework and Thesis option**, consisting of a thesis and elective modules; *or*
- **A Full Thesis option**, consisting of a full thesis that is the result of independent research.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for the Coursework and Thesis option (150 credits)

Code	Module	Credits	Module Name	Semester
11245	874	150	Thesis: Transport Economics	Both

Elective modules for the Coursework and Thesis option (at least 30 credits)

Code	Module	Credits	Module Name	Semester
64017	814	15	Capita Selecta 1 (Transport Economics)	1
64017	844	15	Capita Selecta 2 (Transport Economics)	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.

Compulsory module for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
11245	828	180	Thesis: Transport Economics	Both

4.2 M (Public Administration)

Admission requirements

- An NQF level 8 qualification (professional bachelor's degree, postgraduate diploma or honours degree) in the same classification of educational subject matter (CESM) category, with an average of at least 60%.
- If you hold an NQF level 9 qualification or higher (master's degree or PhD), you may be exempted from the 60%-average requirement above.

Further requirements

- You must submit either an honours degree research report or a research proposal as part of your application. You must complete your research proposal and orally defend it to an academic panel. The proposal must be accepted for you to continue with the programme.
- You must have access to a computer and stable internet connection for online learning.

Selection

The total number of students admitted per year depends on the joint available space in the MCom (Public and Development Management), MA (Public and Development Management) and M (Public Administration) programmes as well as available supervision capacity in the School of Public Leadership.

The academic quality of the research proposal or research report will be assessed in terms of the demonstrated academic research and writing ability, familiarity with contemporary literature in the field, relevance of the research objectives, design and methods and the potential academic merit of the study.

Application procedure and closing date

Contact the School of Public Leadership directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration, offering type and starting date of programme

Duration: One year, full-time; two years, part-time; with face-to-face block sessions on campus and interactive online sessions for the Coursework and Thesis option.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: Normally late January or early February.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Phila Mkhize
Programme administrator
School of Public Leadership
Tel: 021 918 4132
E-mail: mkhizep@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Prof Babette Rabie
School of Public Leadership

Programme structure

There are two options in the programme:

- **Coursework and Thesis option:**

  For this option, you must follow three 30-credit elective modules and an appropriate, advanced course in research methodology and academic writing skills. In addition, you must complete a 90-credit thesis with guidance from an academic study leader.

The coursework component is presented by means of block sessions and interactive online sessions:

- Block sessions entail that you must attend lectures in blocks of one to two weeks at a time in January and in May at the Bellville Park campus. Further writing workshops may also be scheduled during the course of the year to give you time for dedicated writing.
- For the interactive online presentations, you must attend at least two full days in the first semester and two full days in the second semester via an applicable interactive e-learning platform. You must also independently watch the provided video recordings and engage with study material.
- For the remaining time, you will study at home and do assignments that must be submitted electronically.
- Exams are written in Bellville or in Tshwane.

- **Full Thesis option:**

  This is the full research option. You must complete a course in appropriate advanced research methodology and academic writing (if you have not successfully completed such a course before) and a full thesis of 180 credits under guidance of an academic study leader.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory module for the Coursework and Thesis option (90 credits)

Code	Module	Credits	Module Name	Semester
11242	861	90	Thesis: Public and Development Management	Both

Elective modules for the Coursework and Thesis option (90 credits)

- Choose three of the following modules.
- Please note that a minimum of ten students is required before a module can be presented.

Code	Module	Credits	Module Name	Semester
11269	871	30	Advanced Programme and Project Management	Both
11270	871	30	Anti-corruption Studies	Both
58874	864	30	Capita Selecta A: Sector specialisation as requested by students	Both
58874	861	30	Capita Selecta B: Sector specialisation as requested by students	Both
11271	871	30	Comparative and Contemporary Public Management Innovation Studies	Both
60496	861	30	Integrated Community-based Development	Both
60518	861	30	Integrated Public Management	Both
60526	861	30	Integrated Public Policy Management and Analysis	Both
11272	871	30	Monitoring and Evaluation	Both
66370	861	30	Municipal Management and Development	Both
60488	861	30	Public Management Law	Both

Compulsory module for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
11242	828	180	Thesis: Public and Development Management	Both

4.3 MAcc

4.3.1 MAcc (Auditing)

Admission requirements

- A BAccHons degree or Postgraduate Diploma in Accounting (after you obtained a recognised bachelor's degree) from Stellenbosch University,

  or

  An equivalent qualification from another university;
- At least 60% for Auditing, as subject and in general, during previous postgraduate studies;
- Any additional preparatory work approved by Senate for this purpose.

Further requirements

- Registration as Chartered Accountant (South Africa).
- You must have knowledge of research methodology to be admitted to the master's programme, including, where applicable, quantitative empirical research methods. The programme leader may require you to complete appropriate methodology modules before you start the programme.

Selection

There is no limit on the number of students that is admitted to the programme, but additional selection criteria apply. The prospective student must submit an initial mini-research proposal to the programme leader and Deputy Director: Research of the School of Accountancy. The programme leader and Deputy Director: Research will then evaluate whether the proposed topic falls within the School's discipline domain and whether staff with the required expertise and experience will be available to supervise the student. If the programme leader and Deputy Director: Research are of the opinion that the topic falls within the School's discipline domain, a willing and able supervisor is available, the planned study is feasible and could possibly represent a valuable contribution to the existing body of knowledge of the field of study, a provisional supervisor is appointed and the student is requested to start working with the supervisor on an official research proposal.

Finally, the candidate presents the proposal to an admissions committee of the School of Accountancy. Should the proposal be approved by the committee, the committee assigns a supervisor, and the supervisor sends the completed master's admission form to the faculty administrator for a recommendation to the Faculty Board that the student be admitted to the master's programme. The prospective student may also be requested to complete additional modules (e.g., a research methodology or econometrics modules).

Duration and starting date of programme

Duration: One year

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: With the other classes at the University.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Dr Henriette Scholtz
School of Accountancy

Programme structure

You must complete a research project according to the requirements set by the School of Accountancy. This project consists of a thesis and a related article publishable in an accredited journal.

You must also attend a writing skills workshop about the writing of research proposals, presented by the Language Centre.

Programme content

You must earn a total of at least 180 credits for this programme.

This module is compulsory.

Code	Module	Credits	Module Name	Semester
66583	828	180	Thesis: Auditing	Both

4.3.2 MAcc (Financial Accounting)

Admission requirements

- A BAccHons degree or Postgraduate Diploma in Accounting (after you obtained a recognised bachelor's degree) from Stellenbosch University,

  or

  An equivalent qualification from another university;
- At least 60% for Financial Accounting, as subject area and in general, during previous postgraduate studies;
- Any additional preparatory work approved by Senate for this purpose.

Further requirements

- Registration as Chartered Accountant (South Africa).
- You must have knowledge of research methodology to be admitted to the master's programme, including, where applicable, quantitative empirical research methods. The programme leader may require you to complete appropriate methodology modules before you start the programme.

Selection

There is no limit on the number of students that is admitted to the programme, but additional selection criteria apply. The prospective student must submit an initial mini-research proposal to the programme leader and Deputy Director: Research of the School of Accountancy. The programme leader and Deputy Director: Research will then evaluate whether the proposed topic falls within the School's discipline domain and also whether staff with the required expertise and experience will be available to supervise the student. If the programme leader and Deputy Director: Research are of the opinion that the topic falls within the School's discipline domain, a willing and able supervisor is available, the planned study is feasible and could possibly represent a valuable contribution to the existing body of knowledge of the field of study, a provisional supervisor is appointed and the student is requested to start working with the supervisor on an official research proposal.

Finally, the candidate presents the proposal to an admissions committee of the School of Accountancy. Should the proposal be approved by the committee, the committee assigns a supervisor, and the supervisor sends the completed master's admission form to the faculty administrator for a recommendation to the Faculty Board that the student be admitted to the master's programme. The prospective student may also be requested to complete additional modules (e.g., a research methodology or econometrics modules).

Duration and starting date of programme

Duration: One year.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: With the other classes at the University.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof Stiaan Lamprecht
School of Accountancy

Programme structure

You must complete a research project according to the requirements set by the School of Accountancy. This project consists of a thesis and a related article publishable in an accredited journal.

You must also attend a writing skills workshop about the writing of research proposals, presented by the Language Centre.

Programme content

You must earn a total of at least 180 credits for this programme.

This module is compulsory.

Code	Module	Credits	Module Name	Semester
66567	828	180	Thesis: Financial Accounting	Both

4.3.3 MAcc (Taxation)

Admission requirements

- The BAccHons degree, BAccLLB degree or the Postgraduate Diploma in Accounting (after you obtained a recognised bachelor's degree) from Stellenbosch University,

  or
- An equivalent qualification, plus relevant preparatory programmes approved by Senate for this purpose.
- **For the Coursework and Research Assignment option:** At least 55% for Taxation (70% in the case of academic trainees), as subject area and for the degrees in general, throughout all your previous studies. Academic trainees must obtain the 70% in the BAccHons degree (with the research component).
- **For the Full Thesis option:** At least 55% for Taxation, as subject and for the degrees in general, during all your previous studies.

Further requirements

- **For the Coursework and Research Assignment option:**
  - If you are not a CA(SA) or an admitted attorney, you must have practical experience in the field of taxation evidenced by proven work experience. A description of your previous work experience, detailing tax-related duties and responsibilities, would be considered evidence. Academic trainees are exempted from this requirement.
- **For the Full Thesis option:**
  - You must be registered as Chartered Accountant (South Africa).
- **For both options:**
  - You must have knowledge of research methodology to be admitted to the master's programme, including, where applicable, quantitative empirical research methods. The programme leader may require you to complete appropriate methodology modules before you start the programme.

Selection

For the Coursework and Research assignment option:

A maximum of 10 students altogether is selected every two years for the combined group of students taking the Coursework and Research Assignment options of the MCom (Taxation) and the MAcc (Taxation). The number is determined based on the available supervision capacity. Selection of students is based on academic merit.

As part of the selection requirements, shortlisted applicants will be required to submit a five-page tax opinion on a specific tax question which will be provided during the second round of the selection process. The tax opinion submitted would be evaluated by the programme leader and/or the Divisional Head of Taxation to consider the professional competency of candidates (language usage, logical argumentation applied, sources consulted to formulate the opinion, and final opinion). In this regard the programme leader and/or the Divisional Head of Taxation would draw on their own academic tax research experience. Candidates that demonstrated the most professional competency in completing the tax opinion would be prioritised during the selection process.

For the Full Thesis option:

There is no limit on the number of students that is admitted to the programme, but additional selection criteria apply. The prospective student must submit an initial mini-research proposal to the programme leader and Deputy Director: Research of the School of Accountancy. The programme leader and Deputy Director: Research will then evaluate whether the proposed topic falls within the School's discipline domain and whether staff with the required expertise and experience will be available to supervise the student. If the programme leader and Deputy Director: Research are of the opinion that the topic falls within the School's discipline domain, a willing and able supervisor is available, the planned study is feasible and could possibly represent a valuable contribution to the existing body of knowledge of the field of study, a provisional supervisor is appointed, and the student is required to start working with the supervisor on an official research proposal.

Finally, the candidate presents the official research proposal to an admissions committee of the School of Accountancy. Should the proposal be approved by the committee, the committee assigns a supervisor, and the supervisor sends the completed master's admission form to the faculty administrator for a recommendation to the Faculty Board that the student be admitted to the master's programme. The prospective student may also be requested to complete additional modules (e.g., a research methodology or econometrics modules).

Application procedure and closing date

A new group for the Coursework and Research Assignment option is only admitted every second year. Apply at https://www.su.ac.za/en/apply/pg-studies by **31 October** of the year before your intended studies.

Duration, offering type and starting date of programme

Duration:

- **Full Thesis option:** One year, full-time.
- **Coursework and Research Assignment option:** Two to three years, part-time.

  In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date:

With the other classes at the University.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Fayrouz Khan
Programme administrator
School of Accountancy
Tel: 021 808 3400
E-mail: fayrouz@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/departments/accountancy

Programme leader

Prof Rudie Nel
School of Accountancy

Programme structure

You can choose between the following two options:

- **Full Thesis option:**

  You must attend lectures on writing skills and write a research proposal. Your research proposal must be presented to the Research Committee of the School of Accountancy, who must approve the proposal.

  Your research project must be completed according to the requirements set by the School of Accountancy. This project consists of a thesis and a related article publishable in an accredited journal.

- **Coursework and Research Assignment option:**

  Attending all the interactive lectures on selected topics, as well as lectures on writing skills and writing a research proposal, is compulsory.

  Your research project of limited scope must be completed according to the requirements set by the School of Accountancy. This consists of a research assignment (after writing a compulsory research proposal) as well as a related article publishable in an accredited journal.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

The modules for each option are listed below.

Compulsory modules for the Coursework and Research Assignment option

You must pass Advanced Taxation 871 to be able to continue with the research assignment.

Code	Module	Credits	Module Name	Semester
10492	871	108	Advanced Taxation	Both
10493	872	72	Research Assignment: Advanced Taxation	Both

Compulsory module for the Full Thesis option

Code	Module	Credits	Module Name	Semester
66559	828	180	Thesis: Taxation	Both

4.4 MPhil

4.4.1 MPhil (Development Finance)

Admission requirements

One of the following with an average of at least 50% for the relevant qualification(s):

- An appropriate honours degree (the first postgraduate degree after a bachelor's degree) *or* a four-year in-depth bachelor's degree, with content focussed on business, finance, economics, accounting or commerce;

  or

- A three-year bachelor's degree *and* a postgraduate diploma (120 SAQA credits) from a university or a university of technology, with content focussed on business, finance, economics, accounting or commerce;

  or

- A postgraduate degree in any discipline and appropriate experience in the area of development economics and/or finance.

Please note:

- The bachelor's or honours degree must be on a level that is equivalent to the South African qualification.
- Local and foreign academic qualifications must include a module in research methodology and an individual research paper.

Further requirements

You must have access to a computer and stable internet connection for online learning.

Selection

The number of students selected can be influenced by, for example, staff capacity and the availability of resources within the School, 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 admission requirements exceed the available capacity of the School, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: Two years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: February/March.

Programme's mode of delivery

Full-contact learning (face-to-face).

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Prof Ashenafi Fanta
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in a full-contact and a hybrid learning format.

The **full-contact mode** is delivered over two years, during which you attend three face-to-face contact blocks of two weeks each and complete a research assignment. Two of the on-campus blocks of classes are offered in the first year. These generally take place in March and September. The third block is offered in February of the second year.

The **hybrid learning** mode comprises both compulsory on-campus block contact sessions and synchronous online classes. Detailed schedules are available on the Stellenbosch Business School website. The block in February of the second year is only offered on campus.

Programme content

You must earn a total of at least 180 credits for this programme.

You must earn 150 credits for the compulsory modules, and 30 credits for your elective modules.

Compulsory modules (150 credits)

Code	Module	Credits	Module Name	Semester
12925	861	15	Economic Development Perspectives in Africa	Both
47872	861	15	Entrepreneurship	Both
14482	861	15	Financial Technologies and Innovative Finance	Both
10392	861	15	Issues in Banking and Finance	Both
62189	861	15	Project Finance	Both
11047	861	60	Research Assignment: Development Finance	Both
14263	861	15	Small Business Finance	Both

Elective modules (30 credits)

Choose three elective modules from the list below. If you choose the Capita Selecta option of 20 credits, you only need to choose one further elective.

Code	Module	Credits	Module Name	Semester
13920	863	10	Agricultural Policy and Finance	Both
71049	863	10	Econometrics for Development Finance	Both
13921	863	20	Capita Selecta: Development Finance	Both
65668	863	10	Corporate Finance	Both
12928	863	10	Development Project Management	Both
13916	863	10	Economic Diplomacy	Both
62200	863	10	Environmental Finance	Both
12966	861	10	Financial Sector Regulation and Development	Both
13917	863	10	Food Security in Africa	Both
12927	863	10	Governance and Ethics	Both
11348	863	10	Human Resource Issues in Development Finance	Both
62219	863	10	Infrastructure Finance	Both
11300	863	10	Investment Promotion	Both
14484	861	10	Public Policy and Finance	Both
62197	863	10	Small-scale Enterprise Development	Both
13918	863	10	Structured Finance	Both
14485	863	10	Sustainable Finance	Both
14483	863	10	Trade Policy and Finance	Both

4.4.2 MPhil (Environmental Management)

Admission requirements

One of the following with an average of at least 50%:

- A Postgraduate Diploma in Environmental Management from Stellenbosch University;

  or

- Senate may also consider any other equivalent qualification if you do not have a Postgraduate Diploma in Environmental Management. Such a qualification must be approved by Senate before you will be admitted.

Selection

The number of students selected can be influenced by, for example, staff capacity and the availability of resources within the School, 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 admission requirements exceed the available capacity of the School, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants. Students who obtained an average of 65% or more for the Postgraduate Diploma in Environmental Management will get preference.

Application procedure and closing date

Contact the School of Public Leadership directly at the contact details under "Enquiries" below to find out about the application process and closing date.

Duration, offering type and starting date of programme

Duration:

- **For the Coursework and Thesis option:**

  One year, full-time

- **For the Full Thesis option:**

  Two years, part-time

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: The programme normally starts late January or early February, before the other classes at the University begin.

Programme's mode of delivery

Full-contact learning (face-to-face).

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Jennifer Saunders
Programme administrator
School of Public Leadership
Tel: 021 808 2151
E-mail: jjs3@sun.ac.za

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership

Programme leader

Prof Martin de Wit
School of Public Leadership

Programme structure

You can choose between two possible options:

- **A Coursework and Thesis option:**
  For the Coursework and Thesis option you must complete:
  - one compulsory coursework module (30 credits),
  - three elective modules (at least 60 credits), *and*
  - a thesis that focuses on environmental management (90 credits).
- **A Full Thesis option:**
  For the Full Thesis option, you must attend a compulsory research workshop and colloquium and complete a research thesis that focuses on environmental management to earn the full credit load.

Programme content

You must earn a total of at least 180 credits for one of the options in this programme.

Compulsory modules for the Coursework and Thesis option (120 credits)

Code	Module	Credits	Module Name	Semester
13075	811	30	Collaborative Environmental Governance	1
11247	818	90	Thesis: Environmental Management	1

Elective modules for the Coursework and Thesis option (at least 60 credits)

Choose two of the following modules to add up to 180 credits with the compulsory modules.

Code	Module	Credits	Module Name	Semester
13069	811	30	Community-based Natural Resources Management	1
13070	811	30	Economic Principles and Tools for Conservation Management	1
13071	811	30	Management of Protected Areas	1

Compulsory module for the Full Thesis option (180 credits)

Code	Module	Credits	Module Name	Semester
11247	828	180	Thesis: Environmental Management	Both

4.4.3 MPhil (Futures Studies)

Admission requirements

- Postgraduate Diploma in Futures Studies, with an average of at least 65%.

Further requirements

You must have access to a computer and stable internet connection for online learning.

Selection

The number of students selected can be influenced by, for example, staff capacity and the availability of resources within the School, 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 admission requirements exceed the available capacity of the School, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under “Enquiries” below to find out about the application process and closing date.

Duration of programme and starting date

Duration: Two years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: February.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to one of the following:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Cynthia Lategan-Kriel
Programme administrator
Stellenbosch Business School
Tel: 021 918 4203
E-mail: cs4@StellenboschBusiness.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Dr Doris Viljoen
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in a hybrid mode.

In the hybrid mode student have the option to attend compulsory classes either synchronously online or face-to-face on campus. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

You must earn a total of at least 180 credits for this programme.

All modules are compulsory.

The coursework modules count 100 credits and the research assignment 80 credits.

Code	Module	Credits	Module Name	Semester
13212	874	30	Applied Future Studies	Both
60070	873	10	Demographics	Both
60054	873	20	Qualitative and Quantitative Future Research Methods	Both
60100	875	80	Research Assignment: Future Studies	Both
60046	872	30	Scanning the Environment	Both
60062	872	10	Technology Futures	Both

4.4.4 MPhil (HIV/Aids Management)

Admission requirements

- A Postgraduate Diploma in HIV/Aids Management from Stellenbosch University, or an appropriate similar qualification (NQF level 8) from another education provider, with an average of at least 65%.

Further requirements

In addition to the requirements above, you must also have the following:

- Appropriate managerial experience,
- Computer skills (MS Word, internet and e-mail),
- Access to a computer and stable internet connection for online learning.

Selection

The number of students selected can be influenced by, for example, staff capacity and the availability of resources within the Centre, 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 who meet the admission requirements exceed the available capacity of the Centre, the applicants' average academic performance and academic history will be evaluated on a case-by-case basis and will be used to rank them in order of suitability and to finalise the list of selected applicants.

Application procedure and closing date

South African as well as international students must apply by **30 November** of the year before their intended studies. Application forms are available on the website of the Africa Centre for Inclusive Health Management.

Duration of programme and starting date

Duration: One to two years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: March.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Yolande Barendse
Programme administrator
Africa Centre for Inclusive Health Management
Tel: 021 808 3002
E-mail: ybarendse@sun.ac.za

Website: www.healthmanagement.sun.ac.za

Programme leader

Dr Chioma Ohajunwa
Africa Centre for Inclusive Health Management

Programme structure

This programme consists of four compulsory coursework modules and an assignment. It is presented through hybrid learning. This includes attendance of a summer school in Stellenbosch and interactive online sessions during the year.

Programme content

You must earn a total of at least 180 credits for this programme.

All modules are compulsory.

Code	Module	Credits	Module Name	Semester
56375	846	80	Study Project	Both
47015	846	25	Research Methods	Both
57657	846	25	Social Responsibility Ethics and HIV/Aids	Both
57649	846	25	Strategic Human Resources Management	Both
56081	846	25	The Epidemiology and Problem of HIV/Aids	Both

4.4.5 MPhil (Leadership Coaching)

Admission requirements

One of the following with an average of at least 50% for each qualification:

- An honours degree, *or*
- A four-year professional bachelor's degree, *or*
- A three-year bachelor's degree and a postgraduate diploma

Please note: Your preceding academic qualification should be at least on NQF level 8, which means that it should have entailed a research component.

Further requirements

In addition to the requirements above, you must also:

- have a minimum of four years' work experience in the field of people management.
- submit a comprehensive essay in which you reflect on your work experience and motivate why you should be admitted to the programme.
- have access to a computer and stable internet connection for online learning.

Psychometric testing may be required.

Selection

The number of students selected can be influenced by, for example, staff capacity and the availability of resources within the School, 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 admission requirements exceed the available capacity of the School, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Contact Stellenbosch Business School directly at the details under "Enquiries" below to find out about the application process and closing date.

Duration of programme and starting date

Duration: Two years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: February.

Programme's mode of delivery

Hybrid learning.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
Tel: 021 918 4111
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Prof Nicky Terblanche
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in a hybrid format. The hybrid format comprises both compulsory on-campus contact block sessions and synchronous (in real-time) online classes. Detailed schedules are available on the Stellenbosch Business School website.

Programme content

You must earn a total of at least 180 credits for this programme.

All modules are compulsory

Code	Module	Credits	Module Name	Semester
12306	871	20	Advanced Coaching Approaches	Both
12304	871	20	Business Coaching	Both
12305	871	20	Coaching for Leadership and Organisational Development	Both
12307	872	40	Coaching Practice	Both
12303	871	20	Fundamentals of Coaching	Both
11047	872	60	Research Assignment: Leadership Coaching	Both

4.4.6 MPhil (Sustainable Development)

Admission requirements

One of the following with an average of at least 50%:

- A Postgraduate Diploma (NQF level 8) in Sustainable Development from Stellenbosch University,
  or
- An appropriate qualification equivalent to an honours degree (NQF level 8).

Selection

Matters like staff capacity and the availability of resources within the Centre, as well as academic merit and University transformation objectives, can influence how many students are selected each year. Since staff capacity and resources can fluctuate, the number of students who are selected can also differ from year to year.

If there are more applicants who meet the admission requirements than the Centre has capacity for, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Preference will be given to applicants who have earned an average of 65% or higher in the Postgraduate Diploma in Sustainable Development (NQF level 8) or an equivalent previous qualification at the level of an honours degree (NQF level 8).

Application procedure and closing date

Application procedures and dates are advertised by the Centre in April of every year. For more information, contact the Centre at the details under "Enquiries" below.

Duration of programme and starting date

Duration: Two years, part-time

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: As a new student, you will be registered only by 31 March of your first year of study. However, in February, you must attend the compulsory orientation programme and first foundational module.

Provisions relating to promotion

If you do not successfully complete 60 credits of coursework in your first year of study, you will not be permitted to register for the second year of study.

Programme's mode of delivery

Hybrid. It is compulsory to attend the scheduled contact sessions on campus.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Ms Amanda October
Programme administrative officer
Centre for Sustainability Transitions
Tel: 021 808 9607
E-mail: cstenquiries@sun.ac.za

Website: www0.sun.ac.za/cst

Programme leader

Prof Rika Preiser
Centre for Sustainability Transitions

Programme structure

This programme is presented by the Centre for Sustainability Transitions at teaching venues on Stellenbosch University's Stellenbosch campus. It is a transdisciplinary programme comprising a thesis of 90 credits and coursework, also of 90 credits, all of which focus on sustainability transitions across diverse contexts.

Programme content

You must earn a total of at least 180 credits for this programme.

Your credits accumulate as follows: A thesis component of 90 credits, plus compulsory modules of 60 credits, plus elective modules of 30 credits altogether.

Thesis component (90 credits)

Code	Module	Credits	Module Name	Semester
14947	878	90	Thesis: Sustainability Transitions	Both

Compulsory modules (60 credits)

Code	Module	Credits	Module Name	Semester
14944	872	30	Research Design and Methods	Both
14946	873	30	Sustainability Transitions Foundation Concepts	Both

Elective modules (at least 30 credits)

Code	Module	Credits	Module Name	Semester
14945	873	30	Research Outreach and Reflection	Both
13704	871	15	Capita Selecta: Advanced Studies in Sustainable Development	Both
13703	871	15	Capita Selecta: Transdisciplinary Research in Sustainability Transitions	Both

Please note:

Not all elective modules will necessarily be offered each year. Please contact the Centre for Sustainability Transitions to find out which elective modules will be available. You may select a master's level elective from another programme in consultation with the programme administrator and your supervisor, which must be approved by the programme leader. Contact the programme administrator for further information.

4.5 Master of Business Management and Administration (MBA)

Admission requirements

One of the following with an average of at least 50% for the relevant qualification(s):

- An appropriate four-year bachelor's degree (NQF level 8) and at least three years' relevant full-time working experience;

  or

- An honours degree (NQF level 8), plus three years' relevant full-time working experience;

  or

- An appropriate three-year bachelor's degree (NQF level 7) and a postgraduate diploma (NQF level 8), plus at least three years' relevant working experience.

Please note:

- Your working experience should preferably be on managerial level.
- The Postgraduate Diploma in Business Management and Administration can help you to qualify for admission to the MBA.

Further requirements

In addition to the requirements above, you must also:

- obtain satisfactory results in the SHL or GMAT selection tests.
- submit a comprehensive CV.
- submit two essays, showing your level of motivation and working experience.
- have access to a computer and stable internet connection for online learning.

Selection

The number of students selected can be influenced by, for example, staff capacity, availability of resources within the School 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 admission requirements exceed the available capacity, a selection process is applied by a selection committee. The criteria that are applied by the committee include multiple components supporting the Stellenbosch Business School's drive for inclusivity and upholding our global standard for learning. The Stellenbosch Business School selection committee considers work experience, qualifications, assessment results, writing ability and motivation for further development when choosing suitable candidates. These criteria are used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Even though it is not a requirement, your marks in Mathematics and other related subjects at NSC (Grade 12) level will be an important indicator of whether or not you will be able to complete this programme successfully. This mark will be considered alongside your selection test results, your CV and your prior qualifications to determine your selection.

Selection takes place every year, starting in July. You will also be expected to have a selection interview with a representative from the Stellenbosch Business School.

Application procedure and closing date

The application process is the same for South African and international students: Go to www.stellenboschbusiness.ac.za and complete the online MBA application form. You will be able to complete the form in steps without losing information.

It is advisable to complete the application form as soon as possible in order to register for the programme. The closing date for international and South African applications is **15 November**.

Duration of programme and starting date

Duration: Two years.

In addition to the programme-level stipulations regarding the duration of studies, *please note the general University stipulations for the minimum and maximum enrolment periods at master's level.* See the table in section 1.6 under "Postgraduate Programmes" in this book.

Starting date: January.

Programme's mode of delivery

Full-contact learning (face-to-face).

Hybrid learning.

Assessment

Deadline for submitting the research assignment

The submission date for the research assignment is **1 December**. No extension will be granted. If you fail to submit by 1 December, but do submit by the supplementary date of 15 January, a maximum mark of 50% can be awarded. If you fail to submit the research assignment by 15 January, you will have to re-register for the module.

Provisions relating to promotion

Full-contact and hybrid-learning students

If, towards the end of the first academic year, you have completed the compulsory syllabus and still have more than 35% of your credits for the core modules in arrears, you will not be allowed to continue with the MBA programme.

All groups

You have the minimum period plus one grace year to complete the MBA programme. If you have already used the additional grace year and you still have credits in arrears, it could mean that you will not be allowed to continue with the programme.

Enquiries and programme leader

Enquiries

Please direct your queries to:

Stellenbosch Business School Admissions Office
Stellenbosch Business School
E-mail: academicadminbpc@sun.ac.za

Website: www.stellenboschbusiness.ac.za

Programme leader

Ms Tasneem Motala
Stellenbosch Business School

Programme structure

This programme is presented at the Bellville Park campus and online in a full-contact and a hybrid learning format.

The **full-contact format** comprises nine one-week blocks (with classes from Monday to Saturday) on campus over two years.

The **hybrid learning format** comprises both compulsory on-campus blocks and synchronous (in real-time) online classes. Detailed schedules are available on the Stellenbosch Business School website.

Focal areas

Stellenbosch Business School has three MBA focal areas over and above the current general MBA. These focal areas are presented from the second year in the MBA hybrid learning format:

- Managing International Organisations,
- Health Care Leadership, and
- Project Management.

For more information, please visit www. stellenboschbusiness.ac.za

Programme content

You must earn a total of at least 213 credits for this programme.

4.5.1 Business Management and Administration: General

Compulsory modules (197 credits)

The compulsory modules include the Leadership Development module, which spans the entire MBA, and the International Study module at a foreign business school.

Code	Module	Credits	Module Name	Semester
13385	815	8	Accounting for Decision-making	Both
13386	815	4	Business Communication Skills	Both
58955	815	8	Business in Society	Both
13379	815	12	Contemporary Decision-making	Both
65668	815	12	Corporate Finance	Both
13377	815	8	Digital Enterprise Management	Both
51810	815	8	Economics for Managers	Both
13888	815	8	Organisational Behaviour	Both
13922	815	8	Strategic Analysis	Both
13823	815	8	International Study module	Both
12345	815	16	Leadership Development	Both
13383	815	8	Operational Excellence	Both
13384	815	8	Perspectives on African Frontiers	Both
10812	815	8	Managerial Accounting	Both
13157	815	8	Managerial Statistics	Both
13381	815	45	Research Methodology and Assignment	Both
59587	815	12	Strategic Management	Both
13387	815	8	Strategic Marketing and Branding	Both

Elective modules (16 credits)

You must select two elective modules of 8 credits each or one elective module of 16 credits. See www.stellenboschbusiness.ac.za for electives.

The elective modules are grouped together in specialisation streams. By choosing elective modules from the same speciality, you can acquire areas of expertise in Strategy, Leadership, Finance, Marketing, Operations, Technology and Innovation.

The elective modules change yearly.

4.5.2 Focal areas in the MBA programme

4.5.2.1 Focal area: Health Care Leadership

Compulsory modules (28 credits)

Code	Module	Credits	Module Name	Semester
13930	817	12	Health Care Finance	Both
13928	817	8	Health Care Systems and Policy	Both
14487	817	8	Value-based Healthcare	Both

4.5.2.2 Focal area: Managing International Organisations

Compulsory modules (28 credits)

Code	Module	Credits	Module Name	Semester
14390	814	8	Diplomacy in Complex Systems	Both
13924	828	12	Finance for Development	Both
13923	828	8	International Organisations Leadership	Both

4.5.2.3 Focal area: Project Management

Compulsory modules (28 credits)

Code	Module	Credits	Module Name	Semester
14260	819	8	Project Management Innovations	Both
14261	819	12	Project Portfolio Finance	Both
14262	819	8	Project Portfolio Management	Both

5. Doctoral programmes

5.1 Graduate School of Economic and Management Sciences (GEM)

The Graduate School of Economic and Management Sciences (GEM) is managed as a unit in the Dean's Office and is responsible for the central administration of the PhD programmes of the Faculty of Economic and Management Sciences. GEM provides the following support to the doctoral programmes in the Faculty:

- Administration of scholarships that enable full-time residential doctoral studies across all the departments, centres, and schools of the Faculty.
- Enhancement of the quality of experience for doctorial candidates in the Faculty by providing access to training opportunities (including an annual orientation programme).
- Administration of a progress monitoring platform to manage the flow and progress of the doctoral research projects registered in the Faculty, in collaboration with their academic supervisors.
- Provision of centralised, accessible information on the processes and regulations relevant to doctoral studies to EMS environments, academic supervisors and doctoral candidates.
- Continuous development and provision of effective support structures for PhD studies within the Faculty.

Find out more on the graduate school website: https://www.su.ac.za/faculties/economy/gem.

General enquiries

Dr Jaco Franken
Manager: Graduate School of Economic and Management Sciences (GEM)
Room 1017, AI Perold building
Stellenbosch University
Tel: 021 808 9545
E-mail: franken@sun.ac.za

Website: https://www.su.ac.za/faculties/economy/gem

5.2 PhD programmes

PhD programmes in the Faculty

You can apply for the following PhD programmes:

- 978 (360) Business Management
- 978 (360) Economics
- 978 (360) Industrial Psychology
- 978 (360) Logistics Management
- 978 (360) Operations Research
- 978 (360) Transport Economics
- 978 (360) Statistics
- 978 (360) Mathematical Statistics
- 978 (360) Accounting
- 978 (360) Future Studies
- 978 (360) Business Management and Administration
- 978 (360) Development Finance
- 978 (360) Public and Development Management
- 978 (360) HIV/AIDS Management

Admission requirements

To be admitted to a PhD programme you must have a master's degree from a reputable university, approved by Senate for this purpose.

Individual programmes may have additional criteria. Programme-specific criteria and requirements are provided on the GEM website, https://www.su.ac.za/faculties/economy/gem.

Also consult Part 1 (General Rules) of the University Yearbook and the Faculty's PhD guidelines for more on admission to the PhD, as well as regulations regarding the maximum durations that apply to all PhD programmes at the University.

Faculty PhD Guidelines

All PhD related guidelines and information are provided in the Faculty's PhD guidelines document, which is available on the GEM website, https://www.su.ac.za/faculties/economy/gem . The PhD guidelines document outlines information relevant throughout your PhD studies; that is, from your initial application and proposal preparation to the PhD examination.

Programme-specific Enquiries

Direct your enquiries about a PhD in a specific field to the relevant environment. You can find the necessary contact details in the chapter "General Information" at the beginning of this Yearbook part.

Continuation of registration for doctoral programmes

The following minimum and maximum enrolment durations apply to all new full-time and part-time doctoral students who enrol in the 2027 academic year and thereafter:

Programme Type	Study Mode	Minimum Duration	Maximum Duration
Doctoral	Full-time	2 years	4 years
Doctoral	Part-time	2 years	5 years

Please refer to Part 1 (General Rules) of the Yearbook for more information.

Subjects, Modules and Module Contents

1. Definitions and explanations of important terms

It is important that you take note of the definitions of a few terms to understand and use this chapter fully. The example below shows how these terms will appear later in this chapter.

Example:

10553 Industrial Psychology

114 (12) Industrial Psychology (3L, 1P)

1.1 Explanation of terms in the example

- Five-digit subject number

  10553 **Industrial Psychology**

  Each subject is identified by this five-digit subject number.

- Subject name

  10553 Industrial Psychology

  The number and name of a specific subject appear before the various modules of the subject are presented. To refer to a specific module, the subject name, followed by the module code and the credit value of the specific module, is used; for example, in this case: Industrial Psychology 114 (12).

- Module code –

  114 (12) Industrial Psychology (3L, 1P)

  The module code consists of a three-digit number that is unique to the specific module. The abovementioned module code "114" has the following meaning:

  - The first digit refers to the year of study in which the module is presented, for example:

    *Year 1: **1**14*

    *Year 2: **2**14*

    *Year 3: **3**14*

    Postgraduate modules are indicated with a "7" or an "8" in this position.

  - The second digit "1" refers to the semester that the module will be presented in and also serves as a number to distinguish between various modules offered within the same specific year of study. The University uses different numbers to indicate the particular semester of a module, either the first or the second semester, or modules that are presented in both semesters (which are year modules). The numbers that indicate semesters are as follows:

    - **1**, **2** or **3** – modules are presented in the first semester.

      *Semester 1: 2**1**4, 3**2**4, 3**3**4*

    - **4**, **5** or **6** – modules are presented in the second semester.

      *Semester 2: 3**4**2, 3**5**4, 3**6**4*

    - **7**, **8** or **9** – modules are presented in both semesters, which are year modules.

      *Year module (both semesters): 2**7**8, 2**8**8, 3**9**1*

  - The third digit of the module code, in this case "4", serves as a distinguishing digit between various modules of the same subject in a particular year of study.

- Credit value

  114 (12) Industrial Psychology (3L, 1P)

  The number between brackets after the module code indicates the credit value of the particular module, in this case 12.

  Therefore, Industrial Psychology 114 (12) is a module presented in the first semester of the first year and you earn 12 credits for it.

- Module topic
  114 (12) Industrial Psychology (3L, 1P)

  This indicates the subject that will be dealt with in this specific module.
- Teaching load
  114 (12) Industrial Psychology (3L, 1P)

  The teaching load of a module gives you both the teaching load and the type of teaching per week that you can expect in this particular module. For the module, Industrial Psychology 114 (12) you can expect three lectures and one practical period a week for the duration of the module (that is, one semester). The following abbreviations are used for the teaching load:
  - **L** – Lectures lasting 50 minutes each, for example 3L
  - **P** – Practical periods lasting 50 minutes, for example 1P, 2P, 3P
  - **S** – Seminars lasting 50 minutes, for example 1S
  - **T** – Tutorials lasting 50 minutes, for example 1T, 2T
- Hybrid learning – **(HL)**

  Hybrid learning involves shorter periods (block sessions) of on-campus (face-to-face) teaching and learning, supported by sustained periods of fully online learning. The longer "blocks" of fully online learning will likely consist of mainly asynchronous learning (where you can access materials to learn in your own time) and some synchronous online activities (where you join others online). The abbreviation for hybrid learning is "**HL**".

2. Prerequisite pass, prerequisite and corequisite modules

After the description of the content of a module, the prerequisite pass, prerequisite and corequisite modules, if applicable, are given for that module. The following terms are used:

- Prerequisite pass module
  - A prerequisite pass module is a module that you must **pass** before you can take the module(s) for which it is a prerequisite pass module.
- Prerequisite module
  - A prerequisite module is a module in which you must obtain a **final mark of at least 40**, before you can take the module for which it is a prerequisite module. If you registered for a prerequisite module while it was examined by the "examination" assessment system, your **class mark** for it must be 40 for you to meet the prerequisite.
  - If you have once complied with a prerequisite rule, your compliance will remain valid for the period given in the applicable assessment rules, even if you repeat the prerequisite module and do not meet the minimum level when repeating the module.
  - *Please note:* You must **pass** all the modules you used as prerequisites in the programme before the relevant degree, certificate or diploma can be awarded to you.
- Corequisite module
  - A corequisite module is a module that you must register for either in an **earlier semester** than the module for which it is a corequisite, **or in the same semester.**
  - *Please note:* You must **pass** all the modules you used as corequisites in the programme before the relevant degree, certificate or diploma can be awarded to you.

3. Undergraduate subjects, modules and module contents

The undergraduate subjects with their accompanying modules, credits, module subjects, teaching loads and module content are presented below in **alphabetical order according to subject area within the following groups: departments, schools, centres, faculties**.

Department of African Languages (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

49638 Basic Xhosa

Special provisions for taking Basic Xhosa

1. Students who have passed Xhosa for the matriculation or other equivalent examination may not follow Basic Xhosa for degree purposes.
2. No previous knowledge of Xhosa is required.
3. Basic Xhosa normally does not lead to continuation of Xhosa in the second year, but in exceptional circumstances the Department may grant permission for such study in the second year.
4. Basic Xhosa may not be taken as a separate course in addition to Xhosa 178 for degree purposes.
5. Basic Xhosa 114 is a prerequisite for Basic Xhosa 144.
6. Basic Xhosa 174 is aimed at staff and students from other faculties, as well as the general public, who are unable to attend regular classes but wish to learn Xhosa at a basic level. It is offered after-hours over the course of the full academic year.

114 (12) Introduction to Communication in Xhosa (3L, 1T)

The classification of the African languages of South Africa;

The communication skills of speaking, listening comprehension, reading and writing in a socio-cultural context;

Cultural perspectives and language-related cultural conventions relevant to basic communication in Xhosa;

The grammar of Xhosa relevant to the learning of basic communication skills.

Home department: African Languages

144 (12) Introduction to Communication in Xhosa (3L, 1T)

The communication skills of speaking, listening comprehension, reading and writing in socio-cultural context;

Cultural perspectives and language-related cultural conventions relevant to basic communication in Xhosa;

The grammar of Xhosa relevant to the learning of basic communication skills.

Prerequisite module: Basic Xhosa 114

Home department: African Languages

21687 Xhosa

Special provisions for taking Xhosa

The modules (Xhosa 178, 214, 244, 318, 348) constitute the contents for students who did not pass Xhosa or Zulu first language for the matriculation examination (that is, the non-mother-tongue stream), while the modules that follow below (Xhosa 188, 224, 254, 328 and 358) constitute the contents for students who have a first-language communication proficiency in Xhosa or Zulu.

178 (24) Introduction to Xhosa Language and Culture (3L, 1T)

Classification of the African languages

Language policy and language planning for the African languages;

The communication skills of speaking, listening comprehension, reading and writing in socio-cultural contexts;

Cultural perspectives and language-related cultural conventions relevant to basic communication in Xhosa;

Xhosa grammar relevant to acquiring communication skills in Xhosa

Introduction to the linguistics of Xhosa;

Introduction to communication in authentic prescribed texts from the printed media (newspaper, magazine);

Introduction to the literature of Xhosa.

Notes

1. Students who have passed Xhosa or Zulu First Language for the matriculation examination or an equivalent examination may not take Xhosa 178 for degree purposes but can take Xhosa 188.
2. No previous knowledge of Xhosa is required.

Home department: African Languages

188 (24) Introduction to Xhosa Language, Communication and Culture (3L, 1T)

Classification of the African languages;

Language planning and language policy for the African languages;

Xhosa language and culture with regard to authentic spoken and written texts (e.g. printed media: newspaper, magazine) and visual media (television);

Communication in Xhosa in a range of communication contexts;

Xhosa literature: a choice of genres;

Xhosa linguistics.

Note: Xhosa 188 requires a first-language communicative proficiency in Xhosa or Zulu.

Home department: African Languages

Department of Afrikaans and Dutch (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

39373 Afrikaans and Dutch

178(24) Introductory Studies in Afrikaans Language and Literature (3L, 2P)

The module comprises the following components:

- Afrikaans language proficiency
- Introduction to Afrikaans language studies
- Introduction to Afrikaans literature
- Introduction to Dutch

Home department: Afrikaans and Dutch

Department of Agricultural Economics (Faculty of AgriSciences)

Note: For more information regarding the modules offered by the Faculty of AgriSciences, see the Yearbook part for the Faculty of AgriSciences.

15504 Agricultural Economics

234 (16) South African Agriculture (6L)

An overview of the structure of the agricultural sector with regard to production and resource use; analysing the roles of agriculture, the institutional framework for agriculture, and the international context. History of agricultural policy; marketing and prices.

Home department: Agricultural Economics

242 (8) Agricultural Production Economics and Methods of Financial Analysis (2L, 1T)

Production relations; optimising in factor-product, factor-factor, and product-product relations; cost relations; income, costs and margins in farming; cost accounting; economic and financial criteria; budgets.

Prerequisite module: Economics 114

Home department: Agricultural Economics

262 (8) The Economics of Agricultural Resources (3L)

Basic concepts; determinants of the demand, supply and value of natural resources; resources and technology; the influence of location on land use; industry-specific factors.

Home department: Agricultural Economics

314 (16) Farm Management (4L, 2T)

Approaches to management; entrepreneurship; strategic and operational decision-making; management functions; management information and systems; capital requirements of a farming operation and credit sources; financing policy. Analysis of problems in respect of estate planning, inheritance and taxation (capital transfer tax and income tax) in agriculture. The communication process, communication channels.

Prerequisite module: Agricultural Economics 242

Home department: Agricultural Economics

334 (16) Agricultural and Food Marketing (3L, 3P)

This module is designed to introduce a comprehensive and balanced treatment of food marketing systems. It blends marketing and economic theory with real-world analytical tools in order to assist students in better understanding the food system and making profitable marketing decisions.

Home department: Agricultural Economics

354 (16) Agricultural Policy in the South African Context (3L)

Investigation of priority policy issues in South African agriculture; the influence on South Africa of the Agreement on Agriculture and subsequent attempts to order international trade in agricultural products; changes in the structure of food supply chains and the globalisation of food trade; BEE and transformation in South African agriculture; the linkages of agriculture to the rest of the economy.

Home department: Agricultural Economics

364 (16) Farm Planning and Decision-making (4L, 2T)

Creative problem-solving; framework for analysing farm decision-making; information processing and human judgement; approaches to decision-making under conditions of risk and uncertainty; tools and techniques for farm planning and decision-making; linear programming applications; deficiencies in the linear programming algorithm and the introduction of alternative programming techniques; case studies.

Prerequisite module: Agricultural Economics 242

Home department: Agricultural Economics

Department of Ancient Studies (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

15644 Latin

178 (24) Latin Grammar and Literature for Beginners (3L, 1P, 1T)

Introductory Latin grammar and literature.

Cultural background.

Home department: Ancient Studies

Department of Business Management

48550 Business Management

113 (12) Business Management (3L, 1P)

Procedures for the establishment of a new business, the business environment, business ethics, competition, idea generation and entrepreneurship, choice of form of business, determining break-even levels, resources and people involved in the business, management and managerial resources.

Home department: Business Management

142 (6) The Investment Decision (1.5L, 1P)

The role and functioning of the Johannesburg Stock Exchange (JSE), including listing requirements, trading mechanisms and cost of transactions; corporate actions; fundamental analysis of companies and factors that influence share prices; technical analysis; investment risks.

Home department: Business Management

58335 Entrepreneurship and Innovation Management

214 (16) Introduction to Entrepreneurship (4L)

Introduction to the world of entrepreneurship in South Africa; drivers of entrepreneurship; introduction to the identification of opportunities and development of ideas; the analysis of the entrepreneurial process; feasibility analysis; building a new venture team; assessing a new venture's financial strength and viability; ethics and legal considerations; getting finance; the importance of intellectual property; the importance of growth; growth strategies; buying an existing business.

Home department: Business Management

244 (16) Small Business Management (4L)

The scope and nature of small business development in South Africa; the important role of SMMEs in the South African economy; management of entrepreneurial opportunities; small business marketing management, purchasing, manufacturing and financial management; alternative routes to entrepreneurship; financing of opportunities in the market environment; management of growth of the small business; legal requirements which small businesses must adhere to; E-commerce and the entrepreneur; compilation of the business plan with the emphasis on the layout; different elements of the plan, balance sheet, income statement and cash flow statement; broad-based black economic empowerment and opportunities for SMMEs.

Prerequisite module: Entrepreneurship and Innovation Management 214

Home department: Business Management

318 (24) Creativity and Innovation Management (4L)

The importance of technological innovation; sources of innovation: creativity and organisational creativity; translating creativity into innovation; types and patterns of innovation; standards battles and design dominance; timing of entry; innovation strategies; choosing innovation projects; collaboration strategies; protecting innovation; introduction to the new product development process.

Prerequisite modules: Entrepreneurship and Innovation Management 214 *or* Entrepreneurship and Innovation Management 244

Home department: Business Management

348 (24) Strategic and Corporate Entrepreneurship (Intrapreneurship) (4L)

Driving forces in the "new" economy that necessitate corporate entrepreneurship; link between entrepreneurship and strategic management; framework for entrepreneurial strategy; role of entrepreneurship in a large company and an analysis of the differences between entrepreneurship and intrapreneurship; factors which facilitate and inhibit intrapreneurship; the development of a framework for implementation of corporate entrepreneurship in South Africa; entrepreneurial leadership; link between corporate entrepreneurship and performance.

Prerequisite modules: Entrepreneurship and Innovation Management 214 *or* Entrepreneurship and Innovation Management 244

Home department: Business Management

13353 Exchange Semester

342 (60) Exchange Semester

This module applies only if you are enrolled for a full BCom (International Business) degree programme at Stellenbosch University.

You will take part in a semester at one of Stellenbosch University's partner institutions. The network of partners includes a wide variety of world regions. All modules are pre-selected by the responsible department to fit in with the objectives and outcomes of the programme.

Home department: Business Management

51047 Financial Management

214 (16) Introduction to Financial Management (3L, 1P)

Compiling of the standardised statement of financial position, statement of profit or loss and statement of cash flows; sources of finance; the measurement and evaluation of a company's financial position and performance with reference to the analysis of profitability, liquidity, solvency and investment potential; introduction to corporate taxation; the capital investment decision and the management of working capital with specific reference to cash, trade receivables and inventory control.

Corequisite modules:

- Business Management 113
- Business Management 142 *or* Mathematics 114 *or* Mathematics (Bio) 124

Home department: Business Management

244 (16) Corporate Financial Management (3L, 1P)

The evaluation and interpretation of corporate financial performance by means of detailed ratio analyses and sustainability considerations; share and bond valuation; discussion of the influence of dividend policy on corporate valuations; the influence of financing policy on a firm's value; the effect of behavioural biases and heuristics on investment decisions.

Corequisite module: Financial Management 214

Home department: Business Management

314 (12) Financial Planning and Control (2L)

Standardisation of published financial statements; reclassifying items from financial statements for managerial decision-making; application of financial planning process by means of financial forecasting; calculation of the sustainable growth rate; estimation of an optimal capital structure; the application of free cash flow valuations; the influence of inflation on annual financial statements.

Corequisite modules:

- Financial Management 214
- Financial Management 244 *or* Investment Management 254

Home department: Business Management

332 (12) Capital Investments (2L)

The application of the following financial selection measures on large capital projects: payback period method, method of the equivalent uniform annual cost, net present value method and the internal rate of return method; the impact of inflation when assessing investment projects and the calculation of the cost of capital; priority determination for multiple mutually exclusive projects.

Corequisite modules:

- Financial Management 214
- Financial Management 244 *or* Investment Management 254

Home department: Business Management

352 (12) Financial Management Research (2L)

Identification and formulation of financial management problems and/or opportunities; setting financial research objectives; identifying appropriate research designs; conducting secondary and/or primary research; conducting financial data analysis to achieve research objectives.

Corequisite modules:

- Financial Management 214
- Financial Management 244 *or* Investment Management 254

Home department: Business Management

354 (12) Mergers and Acquisitions (2L)

Processes during mergers and acquisitions; financial and strategic aspects; theories; relevance of competition and other legislation; empirical information; LBOs; MBOs; defensive strategies; joint ventures and alliances; unbundling; management guidelines.

Corequisite modules:

- Financial Management 214
- Financial Management 244 *or* Investment Management 254

Home department: Business Management

59765 Financial Planning

314 (24) Financial Planning (4L)

Principles and practices of financial planning; regulatory environment; personal financial management; the time value of money; risk management; principles of short-term and long-term insurance; healthcare planning; investment vehicles; client risk profiling; the investment planning process; retirement funds; taxation of retirement-fund lump sums; capital needs analysis at retirement; the retirement planning process.

Corequisite module: Financial Management 214

Prerequisite module: Investment Management 254

Home department: Business Management

344 (24) Financial Planning (4L)

Estate duty; matrimonial property law; law of succession; law and taxation of trusts; administration of estates; donations tax; capital gains tax; estate planning strategies and techniques; business entities; business insurance solutions.

Corequisite module:

- Financial Management 214
- Financial Planning 314

Prerequisite module: Investment Management 254

Home department: Business Management

55344 Investment Management

254 (16) Introduction to Investment Theory (3L, 1P)

Portfolio theory and portfolio management; the relationship between risk and return; the efficient market hypothesis; valuation and risk of fixed income securities; evaluation of share investments; properties of derivative instruments; derivative strategies; valuation of options and futures; measurement and evaluation of portfolio returns.

Corequisite module: Business Management 113

Prerequisite modules:

- Business Management 142
- Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Home department: Business Management

314 (12) Equity Analysis (2L)

Theory of valuation; valuation models and techniques; practical implementation of valuation models; valuation variables; stock market analysis; industry analysis; company analysis and stock selection; technical analysis; equity portfolio management strategies.

Prerequisite module: Investment Management 254

Prerequisite pass modules: Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Home department: Business Management

324 (12) Fixed Income Securities (2L)

Features and overview of fixed income securities and sectors; yield measures and spreads; valuations; interest rate risks and returns; credit analysis; term structure and interest rate dynamics; and other selected securities.

Prerequisite module: Investment Management 254

Prerequisite pass modules: Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Home department: Business Management

344 (12) Derivative Instruments (2L)

Exposure to and handling of financial risk; the risk management process; the hedging concept; the functions of the treasury and the management of negotiable value; characteristics of derived financial instruments; strategies for the use of derived financial instruments; valuation of options and futures contracts; basic arbitrage strategies with options and futures contracts; swaps and forward rate agreements.

Prerequisite module: Investment Management 254

Prerequisite pass modules: Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Home department: Business Management

349 (12) Property and Alternative Investments (2L)

This module focuses on preparing you to make investment decisions regarding property and other alternative investments (private equity, hedge funds, commodities etc.). In this regard, the focus falls on themes such as markets and trends; financial and investment analysis in respect of the acquisition, ownership and sale; market valuation approaches; types of investment and financing instruments.

This module also focuses on the ethical management of investment portfolios encompassed by the Code of Ethics and Standards of Professional Conduct of the CFA Institute, which includes themes such as: the liability of investment practitioners towards the profession, employers, clients, possible clients and the broad public; reporting of historical investment returns; responsible risk-taking; risk control.

Prerequisite module:

- Investment Management 254
- Financial Management 214 *or* Financial Accounting 178 *or* Financial Accounting 188

Prerequisite pass modules: Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Home department: Business Management

11286 Management of Corporate Social Responsibility

314 (12) Management of Corporate Social Responsibility (2L)

Frameworks for planning and evaluating the actions of individuals and the organisation in the context of sustainable and socially responsible activities. Key themes covered include: introduction to the concepts business ethics and Corporate Social Responsibility (CSR); strategic management of stakeholder relationships; voluntary and regulatory influences on CSR; CSR in a global environment; managerial implications of specific South African CSR issues; strategic approaches to managing CSR in organisations. The integration of socially responsible behaviour into other management disciplines, for example marketing, innovation, finance and investments.

Prerequisite module: Business Management 113

Home department: Business Management

23795 Marketing Management

214 (16) Marketing Management (3L, 1P)

Modern marketing dynamics in enterprises and the community; marketing and the value creation process; customer satisfaction through quality and service; strategic marketing planning; analysis of the marketing environment; marketing information and research; analysis of consumer markets and other types of markets; measurement and forecasting of demand; market segmentation and target market selection; product decisions; price decisions; channel decisions and place strategy; communication decisions; direct marketing and sales promotion decisions.

Corequisite modules:

- Business Management 113
- Financial Management 214 *or* Financial Accounting 278 *or* Financial Accounting 288 *or* Biometry 212

Home department: Business Management

244 (16) Integrated and Digital Marketing Communication (3L, 1P)

Marketing communication, advertising and the marketing process; the consumer audience; marketing communication research; functioning of marketing communication; marketing communication planning and strategy in traditional and digital environments; media; media planning and buying; traditional, new and digital media; planning and execution of creative advertising aspects; integration of the elements of marketing communication.

Prerequisite module: Marketing Management 214

Home department: Business Management

314 (12) Omnichannel Retail Marketing (2L)

Omnichannel approach to retail strategy and the retailing mix; location decisions; merchandise decisions; price decisions; communication decisions; consumer services and information; technology and systems; franchise agreements.

Prerequisite module: Marketing Management 214

Home department: Business Management

324 (12) Services Management (2L)

Unique characteristics of services; nature and process of service delivery; differences between product and service evaluations; development, communication and delivery of services; service quality and its measurement; the role of service providers and the environment of service delivery; implementation of service-marketing strategies.

Prerequisite module: Marketing Management 214

Home department: Business Management

344 (12) Marketing Research (2L)

Defining of the marketing problem; research design; exploratory research design for secondary data and qualitative research; surveys and observations as part of descriptive research; measurement of perceptions; questionnaire design; sampling; fieldwork and data preparation; formulation of hypotheses and basic statistical tests.

Prerequisite modules:

- Marketing Management 214
- Marketing Management 244
- Probability Theory and Statistics 144 *or* Statistics and Data Science 188

Home department: Business Management

354 (12) Strategic Marketing (2L)

Function and application of marketing in different organisations and conditions; enterprise and marketing strategy; competitive marketing strategies; international marketing strategies; the marketing system; consumer markets and buying behaviour; institutional markets and buying behaviour; marketing planning processes; marketing controls.

Prerequisite modules:

- Marketing Management 214
- Marketing Management 244

Home department: Business Management

59587 Strategic Management

344 (12) Strategic Management (1.5L, 0.5P)

Strategic management challenges in complex environments; business models and strategy; strategic environmental analysis; strategic resources and capability analyses; strategic leadership; strategy development; knowledge, innovation and complexity management; strategy implementation; performance measurement and change management.

Corequisite module: Business Management 113 (not applicable for students in Forest Science.)

Home department: Business Management

Department of Economics

14377 Behavioural Economics

441 (10) Behavioural Economics (2L, 2T)

This module provides an introduction to behavioural economics, which incorporates insights from psychology into standard microeconomic models, like discounted utility and expected utility. Several topics and applications will be discussed (including hyperbolic discounting, social preferences and motivated beliefs) with the objective to provide you with a foundation to apply behavioural economic analysis, both formally and intuitively, in either a business or academic environment. The main focus is theoretical model building and analysis, with reference to and exploration of related empirical issues.

Prerequisite pass modules:

- Economics 318
- Economics 388

Corequisite module: Microeconomics 441

Home department: Economics

14696 Data Science Research in Behavioural Economics

471 (40) Data Science Research Project

The research assignment provides you with a comprehensive learning experience that integrates knowledge from previous modules. You will integrate the knowledge and experiences gained from all previous modules and apply these to a data-rich research topic. You will have the opportunity to synthesise what you have learned and apply that knowledge to new, complex situations. You will engage in the entire process of solving a real-world data science problem, from collecting and processing actual data, and applying suitable and appropriate analytic methods to the problem, to communicating the results clearly and comprehensibly.

Prerequisite pass modules:

- Economics 311
- Economics 388
- Mathematical Statistics 312
- Data Science 346

Home department: Economics

10430 Econometrics

441 (20) Econometrics (2L, 2T)

In part 1 of the module the building blocks of all standard time series models are formally derived and applied to real-world data. This will prepare you for empirical economic research using time series data as well as serving as an introduction to theoretical econometric work.

Part 2 of the module considers a range of more advanced quasi-experimental cross-sectional and panel models. Models will be introduced in the lectures and applied in the tutorials. The module focusses on the identification assumptions behind each model – when these assumptions are likely to hold and when they are unlikely to hold. This will equip you with the skills necessary to determine which of these models will be most appropriate for your own work.

Prerequisite pass modules:

- Economics 318
- Economics 388

Home department: Economics

12084 Economics

114 (12) Economics (3L, 1T)

Problems economists address: inequality, poverty, economic growth, sustainability, scarcity, choice. *Economic decision-making:* incentives, relative prices, economic rent, labour, production, opportunity cost.

Economic relationships and interactions: game theory, equity, efficiency.

Markets: demand and supply, price-taking and competitive markets, elasticity, labour market.

Market dynamics: rent-seeking, market failure, externalities and government policies.

Home department: Economics

144 (12) Economics (3L, 1T)

The module will introduce you to economic application and policy, with a strong focus on South Africa, by exploring contemporary economic issues: inflation, unemployment, economic growth, external stability and a fair distribution of income.

The aggregate economy in the short-run and long-run: measuring the aggregate economy, the multiplier model, unemployment and fiscal policy, inflation and monetary policy, the money market and the South African Reserve Bank (SARB), technological change and income inequality.

Globalisation: international trade, migration and investment.

Corequisite module: Economics 114

Home department: Economics

217(16) Intermediate Microeconomics (3L, 1T)

This module provides an exploration of microeconomic theory and its applications. Key topics include consumer and producer behaviour, market structures, game theory and welfare economics. Emphasis is placed on applications, fostering critical thinking and analytical skills. The framework integrates theoretical foundations with problem-solving exercises and policy discussions to prepare students for more advanced microeconomics analysis in the third year.

Prerequisite pass modules: Economics 114

Home department: Economics

246 (16) Economics (3L, 1T)

South African monetary policy.

International trade and finance: the theory of international trade, barriers to free trade, the World Trade Organisation and regional economic integration, the balance of payments, international financial markets, adjustment mechanisms, policy options, exchange rate determination, the international monetary system and South African exchange rate policy.

Please note: This is an interim module in 2026 and 2027 to accommodate students who failed Economics 214 and/or 244 in 2025 or earlier.

Prerequisite pass modules:

- Economics 114
- Economics 144

Corequisite modules: Economics 214 *or* Economics 217 *or* Economics 271

Home department: Economics

248 (16) Intermediate Macroeconomics (3L, 1T)

This module takes a modern approach to intermediate macroeconomic theory, emphasising microeconomics foundations. It begins with the measurement of macroeconomic variables and contemporary issues, followed by key business cycle facts. A detailed exploration of consumer and firm behaviour leads to the development of one-period and two-period models, enabling analysis of policy questions like consumption-savings decisions and government interventions. These models are applied to real-world scenarios, such as the global financial crisis, alongside a labour market model with a focus on South Africa.

The latter part of the module examines monetary policy and international finance, focusing on money, central banking, balance-of-payments, foreign-exchange markets and international capital mobility. Students explore global trade imbalances, financial crises, exchange rate regimes and the international monetary system. By completing this module, students gain the skills to analyse money, interest rates, exchange rates and open-economy dynamics, and to critically assess economic ideas and interpret global economic developments, particularly in the context of South Africa.

Prerequisite pass modules:

- Economics 114
- Economics 144

Corequisite module: Economics 214 *or* Economics 217 *or* Economics 271

Home department: Economics

271 (16) Economics (3L, 1T)

This module provides an exploration of microeconomic theory and its applications. Key topics include consumer and producer behaviour, market structures, game theory and welfare economics. Emphasis is placed on applications, fostering critical thinking and analytical skills. It also takes a modern approach to intermediate macroeconomic theory, emphasising microeconomic foundations. It begins with the measurement of macroeconomic variables and contemporary issues followed by key business cycle facts. A detailed exploration of consumer and firm behaviour leads to the development of one-period and two-period models, enabling analysis of policy questions like consumption-savings decisions and government interventions.

Please note: This is an interim module in 2026 and 2027 to accommodate students who failed Economics 214 and/or 244 in 2025 or earlier.

Prerequisite pass modules:

- Economics 114
- Economics 144

Home department: Economics

281 (32) Development Economics (3L, 1T)

This module consists of two parts:

Economic development in historical perspective: The economic problem, the emergence of market society, the Industrial Revolution, the Great Depression, modern capitalism, the rise and fall of socialism, globalisation, African underdevelopment and South African economic development.

Economic development and policy: Comparative economic development, theories of economic development, poverty and inequality, population growth, urbanisation and migration, rural development, education, health, the environment, economic policy and the role of the market, state and civil society.

Prerequisite pass module: Economics 114 *or* Economics 144 *or* Economics 288

Home department: Economics

288 (32) Economics (Arts and Social Sciences) (3L, 1T)

The functioning of a mixed economic system and the market mechanism, as well as economic application and policy, with a strong focus on South Africa.

Problems economists address: inequality, poverty, economic growth, sustainability, scarcity, choice.

Economic decision-making: incentives, relative prices, economic rent, labour, production, opportunity cost.

Economic relationships and interactions: game theory, equity, efficiency.

Markets: demand and supply, price-taking and competitive markets, elasticity, labour market.

Market dynamics: rent-seeking, market failure, externalities and government policies.

The aggregate economy in the short-run and long-run: measuring the aggregate economy, unemployment and fiscal policy, inflation and monetary policy, the money market and the South African Reserve Bank (SARB).

Globalisation: international trade, migration and investment.

Home department: Economics

318 (24) Economics (4L, 1T)

Introduction to econometrics: statistical concepts, the classical linear model of regression, multicollinearity, autocorrelation, heteroscedasticity, dummy variables, estimation of regression models.

Macroeconomics: mathematical techniques, economic growth, business cycle, monetary and fiscal policy.

Introduction to game theory: mathematical techniques, different types of games, equilibrium concepts.

Prerequisite pass module: Economics 214

Prerequisite module: Economics 244

Home department: Economics

348 (24) Economics (4L, 1T)

This module focuses on the economic policy debate in a developing country. This includes economic policy criteria, structural characteristics of the South African economy, economic thought and systems, and growth and development policies, which include demand and supply aspects of economic growth, sectoral and spatial development, distribution of income and social expenditure, competition policy, environmental economics, labour policy, education and investment in human capital and the macroeconomic policy debate.

Prerequisite pass module: Economics 214

Prerequisite module: Economics 244

Corequisite module: Economics 318

Home department: Economics

381 (24) Institutional, Public and Environmental Economics (2L, 2T)

The module consists of three parts: institutional economics, public economics and environmental economics.

Institutional economics: the role of formal and informal institutions, and their enforcement. The role of transaction costs and the protection of property rights.

Public economics: the benchmark model of a market economy, market failure, public choice, government failure, taxation, intergovernmental fiscal relations.

Environmental economics: economic explanations for environmental degradation, policy measures, application to a specific environmental issue.

Prerequisite module: Economics 214 *or* Economics 244 *or* Economics 281

Home department: Economics

388 (24) Economics (2L, 2T)

Introduction to data science for economists: data scientific techniques applied to data in economics or finance. Topics include: programming, visualisation and elementary machine learning methods.

Labour economics and labour econometrics: labour market, demand and supply, demographic tendencies, trade unions, the South African labour market.

Prerequisite pass module: Economics 214

Prerequisite module: Economics 244

Corequisite module: Economics 318

Home department: Economics

10595 Macroeconomics

441 (12) Macroeconomics (2L, 2T)

This module covers the principal approaches used in modern macroeconomics to investigate the long-term growth performance (part 1) and business cycles (part 2) of market economies. While topics are similar to those studied in preceding modules, this advanced module is distinct in that all results are derived using fully formal methods that form the core of modern theoretical and empirical macroeconomic research. The module provides the necessary skills that you will need to access the modern macroeconomic literature and prepares you for master's level studies.

Prerequisite pass modules:

- Economics 318
- Economics 388

Home department: Economics

10605 Microeconomics

441 (12) Microeconomics (2L, 2T)

This module introduces the standard framework for the analysis of decision-making by individual economic agents and their interaction in market and strategic environments. Topics include game theory, decision-making under uncertainty, consumer theory, producer theory and markets. The emphasis in this module is on a formal understanding of foundational concepts and more advanced mathematical formulations of standard models and results that form the basis of modern economics research in many fields.

Prerequisite pass modules:

- Economics 318
- Economics 388

Home department: Economics

Department of English (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

53880 English Studies

178 (24) Literature and Language in Context (2L, 1T)

The module is designed to develop the student's ability to analyse a wide variety of texts and to communicate effectively in written and spoken English. The focus is on cultural and literary studies and on the development of an appropriate academic discourse. A description of the components listed below and the list of texts are provided in the Course Prospectus.

All students take the following lecture components:

- Text and Context
- Film Studies
- Prose
- Drama

Notes:

Full details about the module are available on the Department's website at: www.su.ac.za/en/faculties/arts/departments/english

Department of Geography and Environmental Studies (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

64165 Geo-environmental Science

Please note: Geo-environmental Science 124 and 154 are corequisite modules for Geography and Environmental Studies 2 and 3.

124 (16) Introduction to Human-environmental Systems (3L, 3P)

Nature of human geography; demography of world population; food resources; urbanisation: models of urban structure, functional areas in cities, cities in developing countries; politico-geographical organisation: nations and states in conflict, regions in the news; environmental systems on a global scale: fluvial, arid, karst, coastal and glacial environments; ecosystems and humans; utilisation of environmental resources: global occurrence, use and depletion of non-renewable energy, water and soil resources; practical mapping and graphics.

Home department: Geography and Environmental Studies

154 (16) Introduction to Earth Systems Science (3L, 3P)

Introduction to earth systems science; internal earth processes; mineral- and rock-forming processes; origin of magma and igneous rocks; external structure of the earth; formation of continents; plate tectonics; sedimentary rocks and the geological record; geological time scale; metamorphic rocks and mountain building; geology of South Africa; energy and mineral resources; humans and tectonics: earthquakes and volcanoes; the hydrosphere; surface-water processes; groundwater processes; theory of the origin and evolution of life.

Home department: Geography and Environmental Studies

Department of Industrial Psychology

14221 Human Capital Metrics

344 (12) Human Capital Metrics (3L)

This module will develop your data-driven, evidence-based decision-making skills to prepare you for measuring human capital as one of the six capitals of business. Human capital analytics and metrics is one of the emerging fields of competence for all board members and managers required to manage people and to report on human capital in integrated reports. Human capital metrics can show connections, correlations and causality between human capital analytics and demonstrate the tangible link between people strategy and organisational performance.

Home department: Industrial Psychology

10553 Industrial Psychology

114 (12) Industrial Psychology (3L, 1P)

The nature of Industrial Psychology and its historical development in South Africa; the determinants of work performance and well-being; the different components of and directions within Industrial Psychology; the different roles of Industrial Psychologists; and the nature and role of research within the subject. The nature of organisational health and well-being, with reference to its determinants, its management and its enhancement, and the development of positive organisational behaviour. The role of work stress and coping with it; the management of performance dysfunctions; and the management of HIV/Aids in the workplace.

Home department: Industrial Psychology

144 (12) Human Resource Management (3L, 1P)

The field and context of personnel/human resource management, organisational positioning of the human resource management department, strategic human resource management, human resource planning, job analysis, recruiting, selection, induction, training and development, performance appraisal, basic remuneration, job evaluation, incentive payment, indirect compensation, labour turnover, absenteeism, human resource management information systems, safety and health, human resource accounting, flexitime, quality of work life, social responsibility, issues in and challenges to human resource management, human resource management audit, the role of human resource management in die economic and labour situation in South Africa – present and future.

Home department: Industrial Psychology

214 (16) Psychometrics (3L, 1P)

Introduction to psychometrics, introduction to and overview of the scientific research process, implications of Industrial Psychology's commitment to the scientific method. Measurement, measurement procedures and measuring instruments, psychological tests, types of psychological tests, psychological tests and decision-making. Basic concepts in measurement and statistical analysis, psychological measurement, evaluation of psychological measuring instruments, statistical concepts. Scales of measurement, transformations and norms, expectancy tables. Reliability of psychological measures, sources of consistency and inconsistency in measures, general model of reliability, reliability estimation, reliability coefficients and the standard error of measurement, the generalisability of test scores. The use and interpretation of information on the reliability of measurements, the use of the reliability coefficient, factors that affect the reliability coefficient, special issues in measurement reliability. The validity of measurements – content and construct validity, types of validity, determining the validity of measurements, content validity, construct validity. The validity of measurements – criterion-related validity, decision-making and prediction, criteria, criterion-related validity, interpretation of validity coefficients. Issues in the assessment of ability, bias and fairness in psychological assessment, culture-free measuring instruments, the nature-nurture debate on IQ. Psychological assessment in industry – predictor issues, extent and impact of psychological assessment in industry, different types of predictors, comparative evaluation of different types of predictors, a social and legal perspective on psychological assessment. Psychological assessment in industry – criterion problems, objective and subjective performance measures, selection utility.

Home department: Industrial Psychology

224 (16) Consumer Behaviour (3L, 1P)

Introduction to consumer behaviour: diversity of consumer behaviour, consumer research, market segmentation. The consumer as an individual: consumer needs and motivation, personality, perception, learning and consumer involvement, attitudes and communication. The consumer in their social and cultural setting: group dynamics and family, social class, culture, sub-culture and cross-culture; Consumer decision-making process: consumer influence and the diffusion of innovations, consumer decision-making.

Exposure to the application of theory in practice will take place through the studying of advertising.

Home department: Industrial Psychology

252 (8) Occupational Psychology (1.5L, 0.5P)

Domain demarcation, core concepts and fundamentals of Occupational Psychology, individual differences, developmental psychology. Career models, career development, career choice, entry into the world of work, early, mid and late career years, stress, diversity management, entrepreneurial careers, management and support systems.

Home department: Industrial Psychology

262 (8) Ergonomics (1.5L, 0.5P)

Nature and history of Ergonomics, Context of Ergonomics (general and environment effects, legislation, management and productivity, built environment), perception and sensation (senses, observation, conscious and unconscious, memory and attention), work environment (space and shape, lighting, noise and vibration, temperature, atmospheric and chemical, processing information and design guidelines), input (displays), output (activities and rest), controls and tools, systems malfunction (errors, safety and health), introduction to Information Ergonomics (mental maps and usability), summary.

Home department: Industrial Psychology

314 (12) Labour Relations (2L, 1P)

Introduction and overview of field of study, historical development of labour relations, environmental influences of labour relations, trade unions, employers, state, labour relations in the workplace (grievances, discipline and dismissal). Introduction to labour legislation: Labour Relations Act, Basic Conditions of Employment Act.

Corequisite module: Industrial Psychology 144

Home department: Industrial Psychology

324 (12) Human Resource Development (2L, 1P)

Introduction to training, education and development: an overview of the macro-factors that affect training and development in South Africa, the national training strategy of South Africa. Aspects of managing training in an enterprise: the place and role of the training function in the organisation, training models. The administration of training: training records and information systems, training costs and budgets. The theoretical aspects of learning: basic learning principles, adult learning, learning styles. Determining training needs: training needs assessment, models for determining training needs. Programme design: formulating training objectives, factors that affect course development, competency-based training. The evaluation of training.

Corequisite module: Industrial Psychology 144

Home department: Industrial Psychology

348 (24) Organisational Psychology (4L, 1P)

Individual behaviour: perceptions, personality, attitudes, values, cultural diversity, work motivation, behaviour modification, job design; group and intergroup behaviour; leadership, power and politics, managerial development, decision-making, communication, organisational theory structure and design, organisational culture, organisational change and development.

Home department: Industrial Psychology

Special modules presented by the Department of Industrial Psychology

36846 Industrial Psychology (Occupational Therapy)

132 (6) Industrial Psychology (Occupational Therapy) (2L)

The human being as employee; human resource planning; recruitment; selection; placement and induction; communication; motivation; leadership in organisations; overview of labour relations. The module is designed for students in Occupational Therapy and these perspectives will be highlighted throughout.

Home department: Industrial Psychology

44776 Industrial Psychology (Special)

244 (12) Industrial Psychology (Special) (3L)

Lectures are attended by BCom (Management Accounting) students.

Human resource management: human resource planning, recruitment, selection, induction, training and development, performance appraisal, compensation management, labour turnover, absenteeism, health and safety.

Labour relations: field of study, organised labour, role of employers; labour legislation.

Organisational behaviour: introduction and orientation, organisational design, the individual, groups and teamwork, motivation, leadership, organisational effectiveness.

Home department: Industrial Psychology

354 (12) Industrial Psychology (Special) (3L)

Human resource management: human resource planning, recruitment, selection, induction, training and development, performance appraisal, compensation management, labour turnover, absenteeism, health and safety.

Labour relations: field of study, organised labour, role of employers; labour legislation.

Organisational behaviour: introduction and orientation, organisational design, the individual, groups and teamwork, motivation, leadership, organisational effectiveness.

Home department: Industrial Psychology

13351 Introduction to Intercultural Communication

312 (12) Introduction to Intercultural Communication (4L)

Fundamentals of linguistic communication, including the general nature of language and communication, and the functions and use of language in various types of discourse; fundamentals of intercultural (linguistic) communication, including the linguistically relevant components and functions of culture, and potential barriers to intercultural communication; pragmatic and sociolinguistic aspects of intercultural communication; general and culture-specific patterns in the use of language across cultures, and the management of culture-specific features of discourse in intercultural communication; mechanics of intercultural communication, including the characteristics of/conditions for successful communication, the characteristics and causes of failure of intercultural communication in various kinds of linguistic interaction, and strategies for avoiding and repairing failure of intercultural communication.

Home department: Industrial Psychology

344 (12) Introduction to Intercultural Communication (4L)

Fundamentals of linguistic communication, including the general nature of language and communication, and the functions and use of language in various types of discourse; fundamentals of intercultural (linguistic) communication, including the linguistically relevant components and functions of culture, and potential barriers to intercultural communication; pragmatic and sociolinguistic aspects of intercultural communication; general and culture-specific patterns in the use of language across cultures, and the management of culture-specific features of discourse in intercultural communication; mechanics of intercultural communication, including the characteristics of/conditions for successful communication, the characteristics and causes of failure of intercultural communication in various kinds of linguistic interaction, and strategies for avoiding and repairing failure of intercultural communication.

Home department Industrial Psychology

Department of Information Science (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

14689 Organisational Informatics

214 (16) Principles of Information Systems (3L, 1T)

This is a theoretical module that covers the core principles of information systems and how they are developed, used and managed in contemporary practice. Students will cover themes such as technological infrastructure of information systems, the role of information systems in business operation and the management of information systems development projects.

Home department: Information Science

244 (16) Introduction to Application Design (2L, 1P)

This module introduces students to computer application development on both a theoretical and a practical level. The module does not require students to have any prior computer programming experience. An understanding of fundamental concepts in programming, such as data types, variables, input, output, flow control (including iteration and decision structures), modules and functions is established. Students implement these principles through the use of a contemporary programming language. Additionally, students will learn about key development standards such as HTML and CSS.

Please note: This module may not be taken alongside or following Computer Science 114.

Home department: Information Science

318 (24) Systems Analysis and Design (3L, 3P)

This module addressed systems analysis and design in the context of information systems projects. It adopts a practical orientation and aims, firstly, to expose students to the key principles of information systems analysis and design from the perspective of a systems analyst. Systems analysis activities and the associated documentation and the modelling standards are presented. This is followed by the essential aspects of systems design, including the relevant techniques and standards. Students apply these principles through practical, case-based assignments.

Prerequisite pass modules:

- Organisational Informatics 214
- Organisational Informatics 244 *or* Computer Science 114

Home department: Information Science

348 (24) Systems Development (2L, 4P)

This module integrates and extends knowledge and skills from prior modules in Socio- and Organisational Informatics. The module covers systems development approaches and project management, as well as advanced design and deployment concepts.

Students execute a group-based project to design and develop a fully functional information system, using appropriate modern development technologies, design approaches and project management methodologies.

Prerequisite module: Organisational Informatics 318

Prerequisite pass module: Organisational Informatics 244 *or* Computer Science 114

Home department: Information Science

58173 Socio-informatics

214 (16) Interaction Design (2L, 2P)

This module concerns the design of interfaces for computer applications (e.g., web and mobile applications, business information systems). Students will be introduced to current approaches to information architecture and applications structure and the key elements of interface design. The module has a practical orientation in which a modern design platform is used to perform practical assignments.

Home department: Information Science

244 (16) Information Society (3L, 1T)

Pervasive digital media, expanding information occupations and the development of the internet have combined to give rise to the global information society. In this module students will study this information explosion by critically examining the major theoretical approaches to informational development through the work of prominent theorists including Castells, Schiller, Habermas and Giddens.

Home department: Information Science

348 (24) Computational Social Science (3L, 3P)

This module introduces students to the interdisciplinary field of computational social science, which combines insights from computer and information science, sociology and social network analysis, economics, political science and public health in order to quip students to answer social science questions using computational methods.

Students are not expected to have any prior computer programming knowledge. Students will learn to ask social science questions and answer these questions by collecting and analysing data from digital sources. Students will acquire skills in data analysis programming languages and in data analysis techniques for working with digital trace data.

Home department: Information Science

Department of Logistics

10906 Advanced Linear Programming

441 (15) Advanced Linear Programming (2L)

Advanced linear programming (LP) solution techniques are studied in this module. These techniques include the product form of the inverse, primal-dual algorithms, primal and dual upper bounded algorithms, column generation methods, decomposition and interior point methods

Prerequisite pass modules: Operations Research 244

Home department: Logistics

14692 Agent-based Modelling

471 (15) Agent-based Modelling (2L)

The module will provide students with an introduction to agent-based simulation modelling. Important simulation topics, such as model design, model building, verification, calibration, validation and analysis within the context of agent-based modelling will be covered. Students will implement models in suitable computer programming software and analyse simulation data in suitable statistical software. Examples of agent-based models from different subject fields, such as operations research, biology, sociology, healthcare and epidemiology, logistics and transport economics, economics and finance, will be analysed and discussed

Prerequisite modules:

- Computer Science 144 or Computer Science 143 or Computer Science 214 or Socio-Informatics 224
- Statistics 244 or Mathematical Statistics 246

Home department: Logistics

14023 Business Analytics

214 (16) Business Analytics (3L, 2T)

Introduction to optimisation and modelling: Modelling with linear programming, graphical methods, spreadsheet solutions, sensitivity, goal programming and applications using spreadsheets.

Decision modelling: Basic concepts, multi-criterion decision analysis, decision trees, utility theory, analytical hierarchy process. Case studies and spreadsheet applications.

Prerequisite pass module: Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 *or* Statistics and Data Science 188

Home department: Logistics

244 (16) Business Analytics (3L, 2T)

Social network analytics. Introduction to R types of social networks (friend, user-generated content, affiliation), graph visualisation (nodes, edges, paths, centrality, cliques), network relationships (ties, social capital, structural holes, structural balance, equivalence, homophily, clustering, small world), network evolution (random graphs, preferential attachment, reciprocity), marketing research (network data collection, sampling, hypothesis testing).

Prerequisite pass module: Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 *or* Statistics and Data Science 188

Home department: Logistics

318 (24) Business Analytics (3L, 2T)

Basic web page scripting, measures and analysis of web page usage, web page usage pattern variation for improvement, introduction to and technologies required for large-data-set analytics, analysis of extracted data with SQL, NoSQL and a selection of machine-learning methods, considerations in data warehousing and data stream processing and analytics.

Prerequisite pass module: Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 *or* Statistics and Data Science 188

Home department: Logistics

348 (24) Business Analytics (3L, 3P)

Data and information visualisation: identifying data types; metadata descriptions; applying appropriate charts, graphs or mapping techniques.

Quality control, performance measurement and performance management: control cards, dashboards, balanced scorecards, Six Sigma.

Business report writing: Using applicable software.

(You can register for this module only if you are a final-year student.)

Prerequisite pass module: Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Home department: Logistics

71047 Capita Selecta: Advanced Topics in Optimisation

471 (15) Capita Selecta: Advanced Topics in Optimisation (2L)

This module is reserved for advanced topics in optimisation. The content is determined on a capita selecta basis. The module is presented on an ad hoc basis when (visiting) expertise is available to present it, and its content may differ from year to year.

Home department: Logistics

14695 Data Science Research in Analytics and Optimisation

471 (40) Data Science Research Project

The research assignment will provide you with a comprehensive learning experience that integrates knowledge from previous modules. You will integrate knowledge and experiences gained from all previous modules and apply these to a data-rich research topic. You will have the opportunity to synthesise what you have learned and apply that knowledge to new, complex situations. You will engage in the entire process of solving a real-world data science problem, from collecting and processing actual data, and applying suitable and appropriate analytic methods to the problem, to communicating the results clearly and comprehensibly.

Prerequisite pass modules:

- Operations Research 314
- Operations Research 344
- Operations Research 352
- Mathematical Statistics 312
- Data Science 346

Home department: Logistics

10931 Game Theory

415 (15) Game Theory (2L)

The module will provide students with an introduction to modelling independent decision-makers as players in a game. Important game theory modelling topics, such as different representations of a game, modelling "nature" as a player in a game, strategy sets and the outcome space will be covered. Students will implement certain games in suitable computer programming software. A variety of different types of games are analysed to determine best strategies for each game type.

Prerequisite module: Operations Research 352

Home department: Logistics

48062 Information Systems

112 (6) Information Systems in a Business Environment (1L, 1P)

Practical ability to use information systems technology in a business environment. Understanding and ability to use institutional applications, word processors, presentation software, spreadsheets and macros.

Note:

Information Systems 144 and Information Systems 112 may not be presented together for degree purposes.

Home department: Logistics

13350 Introduction to Transport and Logistics Systems

144 (12) Introduction to Transport and Logistics Systems (3L, 1P)

Introduction to the unique purpose of the transport system; the components of the system; the economic significance of the transport system; the organisation and regulation of transport; concepts of demand and supply; and transport from a management perspective.

The scope of product supply chains; aspects of utility and value creation; aspects of materials management, including resource and inventory acquisition; aspects of production and operations management; aspects of physical distribution management; conforming to customer requirements with respect to product supply and delivery.

Home department: Logistics

14219 Logistics and Supply Chain Management

214 (16) Logistics and Supply Chain Management (3L, 1P)

Introduction to Logistics and Supply Chain Management: Supply chain overview, the role of logistics in the firm, the elements of logistics, integrated logistics management, organisation for effective logistics, international logistics, new trends.

Demand Management: Balancing supply and demand, demand forecasting, sales and operations planning, collaborative planning, forecasting and replenishment.

Order Management and Customer Service: Order management, customer service and relationship management.

Supply chain technology and information flows: Role of information and data in the supply chain, the implementation and use of software and technology in the supply chain.

Logistics Research: literature review, how to find and read academic sources.

Prerequisite module: Business Management 113

Home department: Logistics

244 (16) Logistics and Supply Chain Management (3L, 1P)

Supply Management / Procurement: Impact on the firm's bottom line, progression from tactical to strategic role, cross-functional impact and process; procurement cycle, public sector procurement.

Portfolio of relationships: Tactical, collaborative, strategic alliance, logistics relationships, 3PL industry overview.

Sourcing materials and services: Managing procurement, strategic sourcing, global sourcing, outsourcing, total cost of ownership (TCO), negotiation.

Producing goods and services: Role of production operations in the supply chain, operations strategy and planning, decisions in production, production technology, packaging in the supply chain.

Inventory in the supply chain: Role of inventory in the economy and organisations, inventory costs, inventory management approaches, inventory classification.

Logistics research: Identifying and defining the logistics research problem.

Prerequisite pass modules: Business Management 113

Prerequisite module: Logistics and Supply Chain Management 214 *or* Introduction to Transport and Logistics Systems 144

Home department: Logistics

314 (12) Logistics and Supply Chain Management (2L)

Transport: Role of transportation; challenges faced in transportation; modes of transportation; transportation planning and strategy; execution and control; transportation technology; vehicle costing and fleet management.

Distribution: Role of distribution; distribution planning and strategy; distribution execution; distribution technology.

Supply chain sustainability: logistics and the environment, supply chain sustainability framework.

Reverse logistics: reverse logistics systems, reverse flows, closed loop supply chains, customer returns, environmental challenges and technology application to improve reverse flows.

Prerequisite pass module: Business Management 113

Please note: You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.

Home department: Logistics

324 (12) Logistics and Supply Chain Management (2L)

Supply chain network analysis and design: Network design as a part of supply chain planning; logistics/supply chain network design; modelling approaches.

Logistics performance measurement and financial analysis: Performance measurement; logistics/supply chain performance metrics; benchmarking the supply chain; impact of logistics on financial performance.

Supply chain strategy: strategic supply chain resource requirements, supply chain strategy implementation, change management, stakeholder management, integrated metrics.

Supply chain risk: managing risk in supply chains and business continuity planning.

Prerequisite module: Logistics and Supply Chain Management 214 *or* Logistics and Supply Chain Management 244 *or* Introduction to Transport and Logistics Systems 114

Please note: You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.

Home department: Logistics

344 (12) Logistics and Supply Chain Management (2L, 1P)

Logistics analysis: For both functional excellence and integrative excellence, a variety of analytical techniques and enabling technology can be employed to support decisions on the short, medium and longer timeframes. Analytical techniques (descriptive and normative) and enabling technology (transactional vs. analytical information technology) form an integral part of the support decision-makers require.

Logistics research: getting data (qualitative and quantitative), data preparation, formulation of hypotheses and basic statistical tests, with applications in the fields of logistics and supply chain management.

P*rerequisite pass module:* Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Please note: You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.

Home department: Logistics

354 (12) Logistics and Supply Chain Management (2L)

Logistics research: research design; exploratory research design for secondary data and qualitative research; surveys and observations as part of descriptive research; measurement of perceptions; questionnaire design; sampling; fieldwork.

Prerequisite modules:

- Logistics and Supply Chain Management 314
- Logistics and Supply Chain Management 324

Please note: You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.

Home department: Logistics

12318 Metaheuristics

441 (15) Metaheuristics (2L)

Practical operations research problems are often computationally too complex to solve via classical solution methods. This module explores methods that can determine good and not necessarily the best solutions in these circumstances. This module has a practical problem-solving approach. The theory and solution techniques (tabu search, evolutionary metaheuristics, simulated annealing, ant colony algorithms and hybrid methods) are discovered, handled and applied from the perspective of different problem formulations.

To register for this module you must be able to programme in Python.

Prerequisite pass module: Operations Research 314

Home department: Logistics

11907 Methods of Operations Research

441 (15) Methods of Operations Research (2L)

This project-driven module is offered in collaboration with a number of partners in industry, in order to give you practical experience in operations research modelling. The module is offered in the form of project-driven cycles, in which site visits to industry, mathematical modelling and an oral presentation of the model and findings, as well as written reporting of results play an important role.

Prerequisite pass modules:

- Operations Research 314
- Operations Research 352
- Operations Research 344

Home department: Logistics

55336 Operations Research

214 (16) Network Optimisation (3L, 3P)

Introduction to network modelling. Heuristics vs. exact methods, connectedness of directed and undirected networks, shortest paths (algorithms of Dijkstra and Floyd), longest paths (project scheduling), shortest spanning trees (algorithms of Kruskal and Prim), location problems (generalised centres and medians), maximum flow problems. Applications using suitable software.

Prerequisite modules:

- Mathematics 114
- Mathematics 144

Home department: Logistics

244 (16) Linear Programming (3L, 3P)

Modelling by means of linear programming. Geometry of LP, properties of solutions, fundamental theorem of LP, simplex algorithm, big M and two-phase methods, sensitivity analysis, duality and complementary slackness, matrix games. Zero-sum games. Special cases of the simplex algorithm (transport, transhipment, assignment and minimum cost flow). Applications using suitable software.

Prerequisite module: Mathematics 114

Prerequisite pass module: Mathematics 144

Home department: Logistics

314 (16) Combinatorial Optimisation (3L, 3P)

Binary and integer programming (branch-and-bound methods and cutting plane methods), heuristics (n-Opt procedures). Applications with respect to assignment problems, colouring problems, covering problems and domination problems, Hamiltonian graphs (the travelling salesperson problem). Knapsack problems. Deterministic dynamic programming. Applications using suitable software.

Prerequisite module: Operations Research 244

or

Prerequisite pass modules: Business Analytics 214 *and* Business Analytics 244, with an average final mark of at least 80% for the two together

Corequisite modules:

- Mathematics 114
- Mathematics 144

Home department: Logistics

322 (16) Stochastic Methods of Operations Research (3L, 3P)

Queuing theory (modelling of arrival and service processes, birth-death processes, single and multiple server queues, finite population, constant service time, open queue networks, priorities, chi-squared test), Markov analysis, simulation (random numbers, continuous random variables, Monte Carlo simulation, discrete random event simulation, analysis of output). Stochastic dynamic programming. Applications using suitable software.

Prerequisite pass module: Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

or

Prerequisite pass modules: Business Analytics 214 *and* Business Analytics 244, with an average final mark of at least 80% for the two together

Corequisite modules:

- Mathematics 114
- Mathematics 144

Home department: Logistics

344 (16) Optimisation (3L, 3P)

Introduction to optimisation and functions in R*n*, unconstrained optimisation (search methods and gradient methods), constrained optimisation (Lagrange multipliers, quadratic programming, separable optimisation). Goal Programming. Applications by means of suitable software.

Corequisite module: Operations Research 244

or

Prerequisite pass modules: Business Analytics 214 *and* Business Analytics 244, with an average final mark of at least 80% for the two together

Corequisite modules:

- Mathematics 114
- Mathematics 144

Home department: Logistics

352 (16) Decision Modelling (3L, 3P)

Decision analysis cycle, problem structuring, decision criteria, decision trees, influence diagrams, multi-criteria decision analysis, utility theory, multi-attribute utility theory, analytical network process, fuzzy modelling and optimisation, decision-making software, decision support systems.

Prerequisite pass module: Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

or

Prerequisite pass modules: Business Analytics 214 *and* Business Analytics 244, with an average final mark of at least 80% for the two together

Corequisite modules:

- Mathematics 114
- Mathematics 144

Home department: Logistics

51993 Project Management

314 (24) Project Management (3L, 1P)

Project management principles and methodologies. Alignment between corporate strategies and projects. Scheduling of projects and tasks, resource allocation, communication and cost management. Management of risk and stakeholders and monitoring of projects and teams. Understanding change management and measuring and evaluating progress on activities on time and cost basis.

(You can enrol for this module only from your third year of study in Economic and Management Sciences).

Home department: Logistics

14372 Systems Dynamics

441 (15) Systems Dynamics (2L)

Systems dynamics is a simulation technique with which the nonlinear behaviour of complex systems can be analysed by using stocks, flows and internal feedback loops. In this module you will be introduced to systems thinking and systems modelling. There will also be focussed on the modelling of change, positive and negative feedback, S-shaped growth and oscillation, delays and smoothing, model calibration as well as the important component of validation and verification.

Prerequisite pass modules:

- Operations Research 314
- Operations Research 352
- Operations Research 344

Home department: Logistics

21008 Transport Economics

214 (16) Introduction to Transport Economics (3L)

This module will introduce you to the role and functions of transportation in the local, national and international contexts. Supply and demand characteristics of each mode are explored, including the use of new transportation technologies in modern supply chains. Furthermore, the role of government in establishing, maintaining and expanding transportation systems to improve the sustainability and liveability of modern cities is discussed. The relationship between transport investment and economic development will also be discussed, including the impact on land use.

Prerequisite modules:

- Economics 114
- Economics 144

Home department: Logistics

244 (16) Transport and Land Economics (3L)

This module introduces the concept of land economics and the relationship between transportation and land use within an urban context. It will provide you with a greater understanding of the impact of transport on land use, land prices, product prices and industrial location. The economic characteristics of passenger and freight demand, as well as the pricing and cost structure of urban transport modes, are covered. Different transport policy instruments and subsidisation of urban passenger transport modes are discussed.

Prerequisite modules:

- Economics 114
- Economics 144
- Transport Economics 214

Home department: Logistics

318 (24) Transport Planning and Evaluation (4L)

This module is an applied subject and its aim is to introduce you to land and transport systems analysis and modelling. This includes land and transport demand analysis and forecasting of passenger and goods transport demand using the four-step transport model. You will be introduced to economic evaluation techniques of land and transport infrastructure projects. The relationship between transport and economic development is discussed. The spatial relationship between transport and land values is presented.

Prerequisite pass modules:

- Economics 114
- Economics 144
- Transport Economics 214
- Transport Economics 244

Home department: Logistics

348 (24) Transport Modal Economics and Management (4L)

This module comprehensively discusses the operational environment for shipping, air and rail. Modal cost and market structures for shipping, air and rail transport are thoroughly studied. Supply, demand and rates for shipping, air and rail transport are discussed. Particular attention is paid to the demand for these transport modes and the factors that determine demand. Government interest in and the regulation of transport infrastructure and operations for the various modes are presented. The importance of shipping, air and rail transport for international trade and economic growth is discussed in the last section of the module.

Prerequisite pass modules:

- Economics 114
- Economics 144

Home department: Logistics

Department of Mathematical Sciences (Mathematics, Applied Mathematics, Computer Science) (Faculty of Science)

Note: For more information regarding the modules offered by the Faculty of Science, see the Yearbook part for the Faculty of Science.

20710 Applied Mathematics

144 (16) Modelling in Mechanics (3L, 3T)

Development of the skilled use of vector, differential and integral calculus in the modelling of dynamics of simple physical systems, including the analysis of force fields, motion and modelling assumptions.

Prerequisite module: Mathematics 114

Corequisite module: Mathematics 144

Home department: Mathematical Sciences, Division Applied Mathematics

18139 Computer Science

113 (16) Computer Science for Actuarial Studies (3L, 3P)

Introduction to computer programming from a financial perspective. Basic financial problems are rephrased in terms of analytical problem solving. Standard imperative programming constructs including types of variables, assignments, if-then-else and loops, and recursive approaches are covered as needed in financial programming. Static data structures (in particular arrays) and declarative programming models such as spreadsheets are also covered.

Corequisite modules:

- Actuarial Science 112
- Mathematics 114

Home Department: Mathematical Sciences, Division Computer Science

114 (16) Introductory Computer Science (3L, 3P)

Introduction to basic computer programming; formulation and solution of problems by means of computer programming; data representation and variable types (including character strings, integers, floating point numbers and Boolean variables); assignment statements; conditional execution and iteration; static data structures (arrays and records); input and output (including graphics and sound); modular programming; recursion; testing and debugging; introduction to object-oriented programming (including abstraction, encapsulation and use of existing object implementations).

Corequisite module: Mathematics 114

Home department: Mathematical Sciences, Division Computer Science

144 (16) Introductory Computer Science (3L, 3P)

Further formulation and solution of problems by means of computer programming; introductory data structures and algorithms in an object-oriented set-up; key concepts in object orientation: inheritance and polymorphism; design patterns as abstractions for the creation of reusable object-oriented designs; searching and sorting algorithms; complexity theory for the analysis of algorithms; fundamental methods in the design of algorithms; dynamic data structures; regular expressions and finite automata.

Prerequisite module: Computer Science 113 *or* Computer Science 114

Home department: Mathematical Sciences, Division Computer Science

214 (16) Data Structures and Algorithms (3L, 3T)

The classical data structures and algorithms in an object-oriented set-up. Advanced techniques for the analysis of algorithms.

Prerequisite pass module: Computer Science 144

Prerequisite module: Mathematics 114

Home department: Mathematical Sciences, Division Computer Science

244 (16) Computer Architecture (3L, 3P)

Basic computer architecture. Programming in machine language and assembly language. Assemblers, binders and loaders. Basic concepts of operating systems; memory management, process management and files systems.

Prerequisite module: Computer Science 214

Home department: Mathematical Sciences, Division Computer Science

313 (16) Computer Networks (3L, 3P)

Introduction to networks in general and the internet in particular. Architecture and protocols. Allocation of resources and congestion control. Network security. Applications.

Prerequisite modules:

- Computer Science 214
- Computer Science 244

Home department: Mathematical Sciences, Division Computer Science

314 (16) Concurrency (3L, 3P)

Introduction to programming techniques and principles of concurrent systems, from operating systems to application programs. This includes communication, synchronisation, scheduling and load balancing. Several parallel and distributed architectures will be covered.

Prerequisite modules:

- Computer Science 214
- Computer Science 244

Prerequisite modules for programmes in Engineering:

- Computer Science E 214
- Computer Systems 245

Home department: Mathematical Sciences, Division Computer Science

315 (16) Machine Learning (3L, 3T)

Dimension reduction techniques; machine-learning techniques based on maximum-likelihood, maximum-posterior and expectation-maximisation estimates; modelling using logistic regression, Gaussian mixtures and hidden Markov models.

Prerequisite modules:

- Computer Science 144 *or* Computer Science E 214
- Mathematical Statistics 245 and Mathematical Statistics 246
- Mathematics 214 *or* Applied Mathematics 214 *or* Engineering Mathematics 214

Corequisite module: Statistics 318

Home department: Mathematical Sciences, Division Computer Science

343 (16) Databases and Web Centric Programming (3L, 3P)

Introduction to relational databases. Mapping relational model onto object model. Implementing a database application in the context of the web. Web services. Server-side scalability. Virtualization. Cloud Computing.

Prerequisite module: Computer Science 214

Prerequisite modules for programmes in Engineering:

- Computer Science E 214
- Computer Systems 245

Home department: Mathematical Sciences, Division Computer Science

344 (16) Program Design (3L, 3P)

Program specifications as guidelines for program design; reusable frameworks for program design; testability of program designs; development of a medium-sized system to illustrate the practical application of the principles of program design.

Prerequisite module(s): Computer Science 214 *or* Computer Science E 214 and Computer Systems 245

Home department: Mathematical Sciences, Division Computer Science

56847 Financial Mathematics

378 (32) Financial Mathematics (3L, 3T)

Matrix algebra and matrix differentiation. Taylor's theorem for functions of more than one variable, differential equations and numerical methods, Riemann-Stieltjes integrals, introduction to measure and probability spaces, Radon-Nikodym derivatives, L2 spaces and Hilbert spaces, mathematical modelling of financial markets, the Black-Scholes model.

Prerequisite pass modules:

- Mathematics 214
- Mathematics 244

Prerequisite modules:

- Mathematical Statistics 214
- Mathematical Statistics 245
- Mathematical Statistics 246

Home department: Mathematical Sciences, Division Mathematics

11788 Machine Learning

441 (16) Machine Learning (2L)

This module is an introduction to selected topics in machine learning.

Prerequisite pass modules:

- Computer Science 144
- Mathematical Statistics 245
- Mathematical Statistics 246

Home department: Mathematical Sciences, Division Computer Science

21539 Mathematics

114 (16) Calculus (5L, 2T)

Any student who wishes to take this module must have achieved a mark of at least 6 (or 70%) for Mathematics in the NSC or the IEB's school-leaving certificate.

Induction and the binomial theorem. Functions, limits and continuity; derivatives and rules of differentiation; applications of differentiation; the definite and indefinite integral; integration of elementary functions.

Home department: Mathematical Sciences, Division Mathematics

144 (16) Calculus and Linear Algebra (5L, 2T)

Complex numbers; transcendental functions; techniques of integration; improper integrals; conic sections; polar co-ordinates; partial derivatives; introduction to matrices and determinants.

Prerequisite module: Mathematics 114

Home department: Mathematical Sciences, Division Mathematics

214 (16) Advanced Calculus and Linear Algebra (4L, 2T)

Advanced Calculus: Functions of more than one real variable, multiple integrals, line integrals, surface integrals, the divergence theorem.

Linear algebra: Vectors in n dimensions: linear transformations of real vector spaces and their matrices; geometric transformations: rotation, reflection, dilation, projection; composition of transformations. General real vector spaces: subspaces, linear independence, basis, dimension; rank and nullity of a matrix. General inner-product matrices; orthogonality, orthonormal bases, projections, the Gram-Schmidt process; QR factorisation of a matrix; least squares approximations; orthogonal matrices.

Prerequisite pass modules:

- Mathematics 114
- Mathematics 144

Home department: Mathematical Sciences, Division Mathematics

244 (16) Analysis and Linear Algebra (4L, 2T)

Analysis: Improper integrals, sequences and series, power series and Taylor's theorem, second-order linear differential equations.

Linear algebra: Eigenvalues and eigenvectors, diagonalisation of a real matrix; orthogonal diagonalisation; linear transformations of general real vector spaces; matrix representation of linear transformations between general finite dimensional vector spaces; change of basis; systems of first-order differential equations and other applications.

Prerequisite module: Mathematics 214

Home department: Mathematical Sciences, Division Mathematics

314 (16) Algebra (3L, 3T)

This module is an introduction to the basic axiomatic structures of algebra. These structures provide the natural surroundings for the discussion of many of the most important results in number theory, algebraic geometry and computational algebra. Among others, the following are studied: groups, rings, residue classes modulo n, quotient rings and fields, rings of polynomials, Euclidean domains, unique factorisation domains, extensions of fields, applications to straight-edge and compass constructions, finite fields and their applications.

Prerequisite pass modules:

- Mathematics 214
- Mathematics 244

Home department: Mathematical Sciences, Division Mathematics

324 (16) Complex Analysis (3L, 3T)

Types of sets in **C**, convergence of series, point wise and uniform convergence of sequences and series of functions, paths, Cauchy-Riemann equations, determination of the radius of convergence and coefficients of a power series, the complex exponential and trigonometric functions, arguments, complex logarithms and exponentiation, integration of continuous functions along piecewise smooth paths, Cauchy's theorem and formula, Taylor series expansion of differentiable functions, analytic functions, zeros, Liouville's theorem, proof of the Fundamental Theorem of Algebra, Laurent series, identification and classification of isolated singularities, calculation of residues, the Residue theorem, applications.

Prerequisite pass modules:

- Mathematics 214
- Mathematics 244

Home department: Mathematical Sciences, Division Mathematics

344 (16) Discrete Mathematics (3L, 3T)

Discrete Mathematics, or "Concrete Mathematics", as it is called in a famous book, deals with concrete objects that are inherently discrete, such as permutations, sets, trees and words. Emphasis will be placed on enumeration techniques. An introduction to elementary number theory will also be presented. In this part of the module, classical topics such as Fermat's theorem, Wilson's theorem or Lagrange's theorem on sums of four squares are treated.

Prerequisite pass modules:

- Mathematics 214
- Mathematics 244

or equivalent modules

Home department: Mathematical Sciences, Division Mathematics

345 (16) Logic (2L, 4T)

Out of the four tutorial periods, two are scheduled tutorials and two are for independent work on assignments

This module gives an introduction to mathematical logic and formal mathematical languages, with a special emphasis on those languages that can be used for foundation of mathematics.

Prerequisite pass modules:

- Mathematics 114
- Mathematics 144

or equivalent modules

Home department: Mathematical Sciences, Division Mathematics

365 (16) Real Analysis (3L, 3T)

The aim of this module is to introduce and investigate the concepts, spaces, examples and results that provide the foundation for wide-ranging developments in analysis. Typical topics studied are real numbers and their properties, basic theorems about the real numbers (including the fundamental results about sequences, functions, sequences of functions, etc.), introduction to metric spaces.

Prerequisite pass modules:

- Mathematics 214
- Mathematics 244

Home department: Mathematical Sciences, Division Mathematics

56820 Probability Theory and Statistics

114 (16) Probability Theory and Statistics (3L, 3T)

Combinatorial analysis; the basic counting principles; permutations and combinations. Random phenomena; sample spaces and events; the probability axioms; the probability of an event; random selection; probability rules; conditional probability; the rule of Bayes; stochastic independence. Discrete and continuous stochastic variables; expected value and variance of a stochastic variable; important discrete distributions: binomial, Poisson, geometric, hypergeometric, negative binomial; important continuous distributions, uniform, normal

Home department: Mathematical Sciences, Division Applied Mathematics

Department of Mercantile Law (Faculty of Law)

Note: For more information regarding the modules offered by the Faculty of Law, see the Yearbook part for the Faculty of Law.

35998 Mercantile Law (Commerce)

253 (8) Mercantile Law (Commerce) (3L, 1T)

Basic principles of law of insolvency and entrepreneurial law.

Prerequisite pass module: Mercantile Law (Acc) 193

Home department: Mercantile Law

285 (32) Mercantile Law (Commerce) (3L, 1T)

Sources of South African Law and fundamental concepts; law of obligations (law of contracts; law of delict; agency); law of insolvency; employment law; basic principles of entrepreneurial law.

Notes:

If you who have passed Mercantile Law (Acc) 193, do not register for Mercantile Law (Commerce) 285, but register for Mercantile Law (Commerce) 253.

Home department: Mercantile Law

Special modules in Mercantile Law for BCom (International Business)

13352 Legal Aspects of International Transactions

314 (12) Legal Aspects of International Transactions (2L)

This module provides a general introduction to law for commerce students and includes an overview of the South African law of contract. It explains how the law regulates international business transactions. Emphasis is placed on the risks of doing business internationally and how the law can address these risks. A capita selecta of legal aspects pertaining to international business transactions will be discussed, such as the law relating to the international sale of goods; international carriage of goods and insurance; international partnership agreements; intellectual property law; environmental protection and the regulation of global trade; as well as labour and human rights implications of international business transactions.

Home department: Mercantile Law

Special modules in Mercantile Law for BAcc Students

58432 Mercantile Law (Acc)

193 (24) Mercantile Law (Accounting) (3L, 1T)

Sources of South African law and fundamental concepts; general principles of contract law, agency, specific contracts (sale, lease and credit agreements) and an introduction to consumer protection; labour law and economic empowerment; access to information and protection of personal information; legal principles in respect of money and payment (security; electronic instruments of payment, cryptocurrencies and money laundering).

Home department: Mercantile Law

292 (21) Mercantile Law (Accounting) (3L)

The legal principles regarding companies, close corporations, trusts and partnerships.

Prerequisite module: Mercantile Law (Acc) 193

Home department: Mercantile Law

Department of Modern Foreign Languages (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

11302 Chinese

178 (24) Introduction to the Chinese Language and Culture (3L, 1P, 1T)

Introductory language study, including phonetics.

Introduction to contemporary China based on a selection of topics.

Note:

Chinese 178 is a module for beginners. No previous knowledge of Chinese is required. The module is designed to provide basic intercultural communication skills. It enables students to understand, speak, read and, to a lesser degree, write contemporary Chinese in everyday situations, which includes a basic knowledge of the present-day situation in China.

Home department: Modern Foreign Languages

13145 French

178 (24) Introduction to the French Language and Culture (3L, 1P, 1T)

For students without French in Grade 12.

Introductory language studies.

Introduction to contemporary French culture and French-speaking societies on the basis of selected topics.

Study of elementary literary texts.

Home department: Modern Foreign Languages

188 (24) Intermediate Study of the French Language, Literature and Culture (4L)

For students with French in Grade 12.

Intermediate language studies with particular emphasis on vocabulary.

French and Francophone literary texts.

Home department: Modern Foreign Languages

26107 German

178 (24) Introduction to the German Language and Culture (3L, 1P, 1T)

For students without German in Grade 12.

Introductory language study.

Introduction to contemporary culture on the basis of selected topics.

Analysis of texts related to these topics.

Home department: Modern Foreign Languages

188 (24) German Language, Literature and Culture of the 20th and 21st Centuries (3L, 1T)

For students with German in Grade 12.

A cultural-historical overview of the period on the basis of selected topics.

Analysis of texts related to these topics.

Intermediate language studies.

Home department: Modern Foreign Languages

Department of Philosophy (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

12882 Philosophy

114 (12) Introduction to Systematic Philosophy (3L, 1T)

Systematic study of the nature, methods and aims of philosophy as a distinctive discipline.

Basic concepts of logic (truth, validity, soundness, deductive and inductive argumentation, the principle of non-contradiction, logical form and basic patterns in argumentation, etc.).

Meaning and language use; disputes and definitions; recognising fallacies; the manipulation of language and meaning; rhetorical strategies.

Exercises in the analysis of reasoning.

Home department: Philosophy

144 (12) Introduction to Moral Reasoning (3L, 1T)

The Greek Enlightenment and the most prominent Ancient Greek philosophers, most notably Socrates, Plato and Aristotle.

The intersection of Greek and Judeo-Christian thought in Late Antiquity.

The nature of moral problems and an overview of important approaches to moral reasoning (e.g. consequentialism, rule morality, human rights, virtue ethics).

Home department: Philosophy

214 (16) Subdisciplines in Philosophy I (3L, 1T)

Systematic study of questions relating to specific philosophical disciplines, namely epistemology, philosophy of science and/or aesthetics.

Note:

Two of the three disciplines are taught in any given year.

Home department: Philosophy

244 (16) Subdisciplines in Philosophy II (3L, 1T)

Systematic study of questions relating to specific philosophical disciplines, namely philosophy of religion, philosophy of mind and/or applied ethics.

Note:

Two of the three disciplines are taught in any given year.

Home department: Philosophy

Department of Political Science (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

44687 Political Science

114 (12) Introduction to Political Science and South African Politics (2L, 0.5T)

The module is an introduction to the academic discipline of Political Science. It covers key concepts, theories, models and debates in the discipline. Following the conceptual and theoretical introduction it moves on to discuss the political development of, as well as politics in contemporary South Africa.

Home department: Political Science

144 (12) Introduction to International Relations and African Politics (2L, 0.5T)

An overview of the most important actors, structures and processes in the global system. Students will be familiarised with some practical as well as theoretical challenges related to the study and analysis of International Relations (IR), with particular attention to the African context.

Home department: Political Science

212 (8) Political Behaviour (1.5L, 0.5T)

A study of the way that figures and institutions with authority transfer political values and the way that these values eventually become part of the political culture. In some cases certain people question the existing values and become involved in political protest and violence. The latter phenomena, as well as tolerance and conventional political participation, are studied.

Home department: Political Science

222 (8) The Global Political Economy (1.5L, 0.5T)

A study of the dynamic interaction between politics and economics, with specific focus on the structures of the global political economy (trade, finance, production, knowledge and security), global governance institutions and on the tension between state and market institutions; perspectives adopted in the study of this field; South Africa in the global political economy.

Home department: Political Science

242 (8) Political Development (1.5L, 0.5T)

The analysis of the state, economy and development in Asia, Africa and/or Latin America based on case studies and comparative themes.

Home department: Political Science

252 (8) Foreign Policy Analysis (1.5L, 0.5T)

Offers an introduction and survey of the purpose and development of foreign policy, foreign policy analysis, the interaction with domestic policy questions, the role of different actors in foreign policy and the impact that issues at regional and global levels have, with specific reference to South Africa and/or other countries or regions.

Home department: Political Science

324 (12) Comparative Politics (2L, 0.5T)

Theories related to the comparison of political economic systems. Contemporary tendencies in Africa and other regions. Patterns of democratisation and electoral politics.

Home department: Political Science

Department of Private Law (Faculty of Law)

Note: For more information regarding the modules offered by the Faculty of Law, see the Yearbook part for the Faculty of Law.

Department of Psychology (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

18414 Psychology

114 (12) Psychology as a Science (2L, 1T)

This module is an introduction to psychology both as a science and a profession, with specific emphasis on psychological issues that are relevant in the South African context. Psychology is positioned at the convergence of a number of traditions of research and practice, including biological, philosophical and pragmatic traditions. This introductory module gives students a basis from which to approach further study of the discipline.

Home department: Psychology

144 (12) Psychology in Context (2L, 1T)

In this module the basic principles in psychology are applied in order to understand the person in context, with particular reference to core social issues and challenges facing South African society.

Home department: Psychology

213 (8) Approaches to Psychological Theories of the Person (1.5L)

This module addresses psychological theories and understandings of the person with reference to major contemporary approaches. Theories to be considered may include systemic, psychodynamic, behavioural, cognitive and existential components, with consideration of the applicability of psychological theories to African contexts.

Prerequisite pass modules:

- Psychology 114
- Psychology 144

Home department: Psychology

223 (8) Human Development in Context (1.5L)

In this module human development is studied, with specific reference to the South African context.

Prerequisite pass modules:

- Psychology 114
- Psychology 144

Home department: Psychology

243 (8) Research Design in Psychology (1.5L)

This module will equip students with knowledge and skills to evaluate the scientific literature in psychology. The module covers the core theoretical elements of both quantitative and qualitative research methodology using examples of current psychosocial issues.

Prerequisite pass modules:

- Psychology 114
- Psychology 144

Home department: Psychology

253 (8) Data Analysis in Psychology (1.5L)

This module focuses on the statistical procedures that are commonly used in psychological research. The module will equip students with knowledge and skills to analyse quantitative data and to interpret statistical results.

Prerequisite pass modules:

- Psychology 114
- Psychology 144

Home department: Psychology

314 (12) Psychopathology (4L)

In this module abnormal behaviour is studied, from different perspectives and classification systems, with specific reference to the mental health context in South Africa.

Three of the following prerequisite pass modules: Psychology 213, Psychology 223, Psychology 243, Psychology 253

Home department: Psychology

324 (12) Social Psychology (4L)

In this module, theoretical and methodological developments in contemporary social psychology are presented. Social relationships and identity are investigated with reference to social categories like sex, race, ethnicity and sexual orientation, with emphasis on the South African context.

Three of the following prerequisite pass modules: Psychology 213, Psychology 223, Psychology 243, Psychology 253

Home department: Psychology

348 (24) Psychological Interventions (4L)

Psychologists operate in a range of contexts, from individual psychotherapies to community interventions. This module critically discusses the principles behind the contributions psychologists make to human health, development and individual and collective well-being, with specific reference to the health and mental health context in contemporary South Africa.

Three of the following prerequisite pass modules: Psychology 213, Psychology 223, Psychology 243, Psychology 253

Home department: Psychology

Department of Public Law (Faculty of Law)

Note: For more information regarding the modules offered by the Faculty of Law, see the Yearbook part for the Faculty of Law.

Department of Sociology and Social Anthropology (Faculty of Arts and Social Sciences)

Note: For more information regarding the modules offered by the Faculty of Arts and Social Sciences, see the Yearbook part for the Faculty of Arts and Social Sciences.

54186 Social Anthropology

343 (12) Culture, Power and Identity (2L, 0.5T)

Nation-building and ethnicity. Assimilation, pluralism, multiculturalism in comparative perspective. Global inequalities and human rights. Difference and diversity in civil society.

Corequisite modules: Sociology 1 and Social Anthropology 2, should Social Anthropology 3 be your major subject

Home department: Sociology and Social Anthropology

19003 Sociology

114 (12) Introduction to Sociology and Social Anthropology (3L)

Introduction to conceptual and theoretical themes in sociology and social anthropology, including discussions on social inequality, social stratification, culture, identity (including gender, "race" and ethnicity), socialisation and age in the context of a life course perspective. Discussion themes are grounded in social theory and methodological approaches in the social sciences.

Home department: Sociology and Social Anthropology

144 (12) Social Issues in South Africa (3L)

A selection of social issues that reflect the complexity of contemporary South African society. Examples of themes include: social change; poverty and development; social institutions such as the family, education and religion; crime and security; health, the body and HIV/Aids; political and economic relationships.

Home department: Sociology and Social Anthropology

212 (8) Poverty, Development and the Environment (1.5L, 0.5T)

Debates on the causes and meaning of poverty, inequality and development; critical thinking on underdevelopment and "sustainable development"; and the environment.

Home department: Sociology and Social Anthropology

222 (8) Social Identity and Inequality (1.5L, 0.5T)

Sociological understandings of the intersection of race, gender, sexuality, class and age as sources of identification, dimensions of power and inequality in South Africa and elsewhere.

Home department: Sociology and Social Anthropology

242 (8) Sociology of Communication (1.5L, 0.5T)

An introduction to communication and media as a broad domain of enquiry; the social implications of information and communication technologies; the internet and networked societies; the particular role that digital technologies play in the mediation of ideas about social organization, from the local to the global.

Home department: Sociology and Social Anthropology

252 (8) Industrial Sociology (1.5L, 0.5T)

Central concepts, themes and debates within the field of industrial sociology, including an assessment of how work has changed through different eras; different interpretations of work and the impact of globalisation on the transformation of work; workplace restructuring, employment practices; trade unions and the management of conflict within the workplace in South Africa.

Home department: Sociology and Social Anthropology

333 (12) Environmental Sociology (2L, 0.5T)

An introduction to the field of environmental sociology, sociological approaches to contemporary environmental issues and problems, particularly as they pertain to South Africa and the Global South.

Home department: Sociology and Social Anthropology

Department of Statistics and Actuarial Science

43214 Actuarial Science

112 (8) Theory of Interest (2L, 1T)

Simple and compound interest. Force of interest. Future value, present value and discount. Accumulation and discounting of amounts of money. Various types of annuities and applications.

Notes:

- This module is more intensive than Theory of Interest 142.
- For admission to the module you must have passed Grade 12 Mathematics with a mark of at least 70% (symbol 6 or Higher Grade B).
- You are required to complete at least 80% of all assigned classwork/tutorials. If this requirement is not met, you will fail the module.

Home department: Statistics and Actuarial Science

142 (16) Introduction to Actuarial Science (3L, 1T)

Actuarial mathematical methods and models, principles of life contingencies, life insurance, general insurance, investments, employee benefits, healthcare financing and new trends with specific reference to the South African insurance industry. Actuarial professionalism and ethics.

Note:

You are required to complete at least 80% of all assigned classwork/tutorials. In cases where this requirement is not met, you will fail the module.

Prerequisite pass modules:

- Mathematics 114 with a final mark of at least 60% *or* Mathematics 114 and Mathematics 144, with an average final mark of at least 60% for the two modules together
- Actuarial Science 112

Corequisite module: Probability Theory and Statistics 144

Home department: Statistics and Actuarial Science

211 (18) Financial Mathematics (4L)

Basic concepts of financial mathematics, compound interest functions, discounted cash flows, pricing of loans and other securities, annuities, as well as the use of MS Excel to perform calculations.

Prerequisite pass modules:

- Actuarial Science 112
- Probability Theory and Statistics 144 with a final mark of at least 65%
- Mathematics 114 and Mathematics 144, with an average final mark of at least 60% for the two together, *or* Mathematics 214 with a final mark of at least 55%

Corequisite modules:

- Mathematical Statistics 214
- Mathematics 214

Home department: Statistics and Actuarial Science

241 (22) Actuarial Models (5L)

Survival models and their application to actuarial work, including the use of computer software to perform calculations.

Prerequisite pass modules:

- Actuarial Science 112
- Actuarial Science 211
- Mathematical Statistics 214
- Probability Theory and Statistics 144 with a final mark of at least 65%
- Mathematics 114 *and* Mathematics 144, with an average final mark of at least 60% for the two together, *or* Mathematics 214 with a final mark of at least 55%
- Mathematics 214

Corequisite modules:

- Actuarial Science 142
- Mathematical Statistics 245
- Mathematical Statistics 246
- Mathematics 244

Home department: Statistics and Actuarial Science

311 (24) Actuarial Statistics (5L)

Mathematical and statistical techniques of particular relevance to actuarial work, including the use of computer software to perform calculations.

Prerequisite pass modules:

- Actuarial Science 112
- Actuarial Science 142
- Actuarial Science 211
- Actuarial Science 241
- Mathematical Statistics 214
- Mathematical Statistics 245
- Mathematical Statistics 246
- Mathematics 214
- Mathematics 244

Home department: Statistics and Actuarial Science

341 (24) Contingencies (5L)

Mathematical techniques used to model and value cash flows dependent on death, survival or other uncertain risks, including the use of computer software to perform calculations.

Prerequisite pass modules:

- Actuarial Science 112
- Actuarial Science 142
- Actuarial Science 211
- Actuarial Science 241
- Mathematical Statistics 214
- Mathematical Statistics 245
- Mathematical Statistics 246
- Mathematics 214
- Mathematics 244

Home department: Statistics and Actuarial Science

371 (32) Financial Engineering (4L)

Stochastic asset-liability modelling and the valuation of financial derivatives, including the use of computer software to perform calculations.

Prerequisite pass modules:

- Actuarial Science 112
- Actuarial Science 142
- Actuarial Science 211
- Actuarial Science 241
- Mathematical Statistics 214
- Mathematical Statistics 245
- Mathematical Statistics 246
- Mathematics 214
- Mathematics 244

Corequisite modules:

- Actuarial Science 311
- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364

Home department: Statistics and Actuarial Science

10394 Bayesian Statistics

441 (16) Bayesian Statistics (2L)

For this course, the objective is to offer a Bayesian approach to statistical modelling. The basic principles of Bayesian statistics will be introduced as well as the use of Monte Carlo methods to estimate posterior distributions and their associated quantities. Several statistical learning topics on both regression and classification (including logistic regression, naive classification, linear regression, model selection and variable selection techniques such as ridge and lasso) will be approached from a Bayesian perspective and compared with their frequentist counterparts. The course will thereby aim to illustrate some of the benefits of the Bayesian approach.

Prerequisite pass modules:

- Mathematical Statistics 312,
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364

Home department: Statistics and Actuarial Science

14026 Data Science

141 (16) Data Science (4L; 2P)

Fundamental data science concepts; data-analytic thinking; types of data; the data cycle; CRISP data mining process; describing a dataset numerically; describing a dataset graphically; organising data; file formats; data manipulation in R software; introduction to predictive modelling; overfitting; data leakage; model evaluation; other data science tasks and techniques; data ethics; communicating results.

Home department: Statistics and Actuarial Science

241 (16) Data Science (4L, 2P)

Introduction to Python; Python commands and file systems; programming structures; data sources; data collection; vector calculus; optimisation; resampling; regression and classification; application of linear models; data ethics.

Prerequisite pass modules:

- Data Science 141
- Mathematical Statistics 214 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 with a final mark of at least 60%

Prerequisite module: Mathematical Statistics 214

Home department: Statistics and Actuarial Science

316 (16) Data Science (4L, 2P)

In this module approaches to supervised and unsupervised machine learning are discussed.

Supervised learning uses labelled datasets and can be separated into two types of problems, namely classification and regression. Classification problems can be solved by a multivariate technique, namely discriminant analysis that separates two or more groups of observations based on variables measured on each sample unit. The naïve Bayes classifier is another effective classification algorithm for discriminating between two or more groups. To measure the classification accuracy of these techniques, cross validation and bootstrap resampling procedures are also discussed. In regression problems the relationship between dependent and independent variables is investigated. Popular regression algorithms are regularized regression, principal component regression and partial least squares regression. For classification and regression problems, tree-based methods, such as random forests and boosting, can also be applied as modelling techniques.

Unsupervised learning uses unlabelled datasets and is associated with tasks in clustering and dimensionality reduction. Clustering is done according to a similarity measure for grouping data objects together. Modern clustering techniques such as k-means, Gaussian mixture models and spectral clustering are discussed. Dimensionality reduction is the statistical technique of reducing the number of random variables in a problem by obtaining a set of principal variables. Specifically, principal component analysis and independent component analysis are discussed.

Prerequisite pass module: Data Science 241

Corequisite module: Mathematical Statistics 312

Home department: Statistics and Actuarial Science

346 (16) Data Science (4L, 2P)

In this module big data and deep learning are discussed.

Big data refers to data that is so large, fast or complex that it is difficult or impossible to process using traditional methods. The challenges of big data analysis include capturing, storing, searching, sharing, transferring, visualising, querying and updating of data sources.

Cloud computing services are also used to manage big data. Cloud computing is the on-demand availability of computer system resources, especially data storage and computing power, without direct active management by the user.

Natural language processing, a subfield of linguistics, computer science and artificial intelligence, is also applied to big data. Natural language processing is concerned with the interactions between computers and human language, in particular how to program computers to process and analyse large amounts of natural language data so that the computer can automatically perform repetitive tasks.

Neural networks are a subset of machine learning and are at the heart of deep learning algorithms. Neural networks rely on training data to learn and improve the accuracy of the network over time. Once the network is fine-tuned for accuracy, using backpropagation, it is utilised as a powerful tool to classify and cluster data at a high velocity.

Prerequisite modules:

- Data Science 316 *or* Data Science 344
- Mathematical Statistics 312

Home department: Statistics and Actuarial Science

14697 Data Science Research in Statistical Learning

471 (40) Data Science Research Assignment

The research assignment provides you with a comprehensive learning experience that integrates knowledge from previous courses. You will integrate knowledge and experiences gained from all previous modules and apply these to a data-rich research topic. You will have the opportunity to synthesise what you have learned and apply that knowledge to new, complex situations. You will engage in the entire process of solving a real-world data science problem, from collecting and processing actual data, and applying suitable and appropriate analytic methods to the problem, to communicating the results clearly and comprehensibly.

Prerequisite pass modules:

- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364
- Data Science 346

Home department: Statistics and Actuarial Science

59498 Engineering Statistics

314 (15) Engineering Statistics (3L, 2.5T)

Applied probability theory; applications based on discrete and continuous random variables and their probability distributions, such as the normal, gamma, lognormal, log-Pearson type 3 (LP3), Gumbel (EV1) distributions; queuing processes; joint distributions; descriptive statistics and graphical presentations; moments, averages, median and standard deviations; moment generating functions; variation coefficient; skewness coefficient; peaking coefficient; sampling theory; point and interval estimation; hypothesis testing; μ2 and K-S testing; simple linear and non-linear regression and correlation analyses; introduction to multiple linear regression; introduction to analysis of variance and experimental design.

Prerequisite pass modules:

- Engineering Mathematics 115
- Engineering Mathematics 145

Home department: Statistics and Actuarial Science

54690 Financial Risk Management

Financial Risk Management 274(24) has since 2020 been replaced by Actuarial Science 211(18) in the first semester and Financial Risk Management 252(6) in the second semester.

212 (8) Institutional Investment Management (3L, 2P)

Evaluating of the investment properties and the study of the mathematical methodology underlying the following financial asset classes: Government bonds, corporate debt, equity, properties, index linked government bonds, Foreign investments. South African financial market. Liabilities and risk profile of the following Institutional Investors: Banks, pension funds, medical aid schemes, unit trusts, investment trusts.

Corporate finance: Financial instruments to raise finance and manage financial risk.

Prerequisite pass modules:

- Actuarial Science 112
- Mathematics 114
- Mathematics 144
- Probability Theory and Statistics 144

Corequisite module:

- Mathematical Statistics 214

Home department: Statistics and Actuarial Science

242 (8) Derivatives (3L, 2P)

Introduction to derivatives with emphasis on mathematical methodology; Mechanics of futures and option markets; Pricing of Futures and Forwards; Hedging strategies using derivatives; Interest Rate Markets; Swaps; Properties of stock options; Trading strategies involving options.

Prerequisite pass modules:

- Actuarial Science 112
- Mathematics 114
- Mathematics 144
- Probability Theory and Statistics 144

Prerequisite module: Financial Risk Management 212

Corequisite modules:

- Mathematical Statistics 214
- Mathematical Statistics 245
- Mathematical Statistics 246

Home department: Statistics and Actuarial Science

252 (6) Financial Mathematical Statistics (3L)

Analyses of financial returns, Principal components, Risk factor sensitivities and cash flow mapping. Introduction to programming.

Prerequisite pass modules:

- Actuarial Science 112
- Mathematics 114
- Mathematics 144
- Probability Theory and Statistics 144

Corequisite modules:

- Financial Risk Management 242
- Mathematics 214
- Mathematical Statistics 214

Home department: Statistics and Actuarial Science

314 (24) Financial Mathematical Statistics 4L, 2T

Binomial trees; statistical modelling of stock prices, mathematical statistical derivation of Black-Scholes model and its applications; options on stock indices, currencies and futures; Greek letters; value at risk; numerical procedures to value derivatives; exotic options.

Prerequisite pass modules:

- Financial Risk Management 212
- Financial Risk Management 242
- Mathematics 214
- Mathematical Statistics 214

Home department: Statistics and Actuarial Science

344 (24) Modern Portfolio Theory (4L, 2T)

Mean variance portfolio theory: Risk of a portfolio, delineating efficient portfolios, techniques for calculating the efficient frontier. The portfolio selection process, single and multi-index models, utility analysis. Models of equilibrium in the capital market: Standard capital asset pricing model, non-standard forms of capital asset pricing models, empirical tests of equilibrium models.

Corequisite module: Financial Risk Management 314

Home department: Statistics and Actuarial Science

14289 Introduction to Statistical Learning

441 (12) Introduction to Statistical Learning (2L)

Objectives and content: Statistical Learning is a collective noun for a variety of techniques that can be used to identify, describe and model patterns and trends in data sets. Some of these techniques are well established in traditional statistics, for example regression analysis and discriminant analysis, while others have become feasible because of the ready availability of computing power. Examples of the latter are support vector machines, neural networks and recommender systems, all of which are discussed in the module. The module strikes a balance between a study of these and other specific methods on the one hand and the underlying fundamentals on the other. Regularisation, optimisation and the curse-of-dimensionality and ways of combatting it, are important concepts that are emphasised throughout the module.

Prerequisite pass modules:

- Mathematical Statistics 312
- Data Science 314 *or* Data Science 346

Home department: Statistics and Actuarial Science

22853 Mathematical Statistics

214 (16) Distribution Theory and Introduction to Statistical Inference (4L, 2P)

Continuous stochastic variables; expected value and variance of a continuous stochastic variable; important continuous distributions; uniform, normal, exponential, gamma, beta. Moments and moment generating functions for discrete and continuous distributions. Bivariate probability distributions; marginal and conditional distributions; the multinomial and bivariate normal distribution; determining the distribution of functions of variables. The central limit theorem (without proof). Samples and sampling distributions: the standard parametric cases. Interval estimation and hypothesis testing: applying these principles in the standard cases of parametric inference. Data representation and description, calculating and interpreting sample measures.

Prerequisite pass modules:

- Probability Theory and Statistics 114 or Probability Theory and Statistics 144
- Mathematics 114 *and* Mathematics 144, with an average final mark of at least 60% for the two together, *or* Mathematics 214 with a final mark of at least 55%. (If you passed Engineering Mathematics 115 *and* Engineering Mathematics 145 with an average mark of at least 60% for the two together, *or* Engineering Mathematics 214 with a final mark of at least 55%, you are exempt from this prerequisite pass.)

Home department: Statistics and Actuarial Science

245 (8) Statistical Inference (2L, 1P)

Introduction to statistical inference. Principles of point estimation: efficiency, minimum variance unbiased estimators, consistency. Method of moments estimators. Maximum likelihood estimators. The Neyman-Pearson lemma: proof and applications. Likelihood ratio tests. Parametric estimation theory and hypothesis testing. Bayesian inferential statistics.

Prerequisite pass module: Mathematical Statistics 214

Home department: Statistics and Actuarial Science

246 (8) Linear Models in Statistics (2L, 1P)

Advanced matrix algebra. Stochastic vectors and matrices. The multivariate normal distribution. Maximum likelihood estimation of parameters in the multivariate normal distribution. Distributions of quadratic forms. The simple linear regression model. The method of least squares. Inference in the simple linear regression model. Introduction to R software.

Prerequisite pass module: Mathematical Statistics 214

Home department: Statistics and Actuarial Science

312 (16) Statistical Inference and Probability Theory (3L, 1P)

Advanced distribution theory, sequences of random variables, limit theory for sequences, generating functions, sampling distributions and approximations. Sufficiency. Different approaches to inference. Goodness-of-fit methods. Bayes inference: Decision theory and Bayes risk using loss functions, Bayesian belief networks and Bayesian classification. Markov Chain Monte Carlo simulation techniques: Gibbs sampling and Metropolis-Hasting algorithms.

Prerequisite pass module: Mathematical Statistics 245

Prerequisite modules:

- Mathematical Statistics 246 with a final mark of at least 40%
- Mathematics 214 *or* Engineering Mathematics 214

Home department: Statistics and Actuarial Science

316 (16) Regression and Predictive Modelling (3L, 1P)

Fitting regression models by means of matrices. The multiple linear regression model. Inference in the multiple linear regression model. Residual analysis. Variable selection techniques. Ridge regression. Lasso regression. Linear methods for classification. The use of R software to fit models in practice.

Prerequisite pass module: Mathematical Statistics 246

Prerequisite modules:

- Mathematical Statistics 245 with a final mark of at least 40%
- Mathematics 214 *or* Engineering Mathematics 214

Home department: Statistics and Actuarial Science

344 (16) Stochastic Processes and Statistical Learning (3L, 1P)

Introduction to stochastic processes. Markov processes and their applications. Introduction to martingale theory and applications. Introduction to statistical learning.

Prerequisite modules:

- Mathematical Statistics 312
- Mathematical Statistics 316

Home department: Statistics and Actuarial Science

364 (16) Time Series (3L, 1P)

Stationarity, filters for time series, autoregressive, moving average, autoregressive moving average and autoregressive integrated moving average time series, shift operators for time series, model identification and estimation and diagnostic testing of time series, non-stationarity of time series. Applications of time series.

Prerequisite module:

- Mathematical Statistics 312
- Mathematical Statistics 316

Home department: Statistics and Actuarial Science

13361 Mathematical Statistics for Data Science

442 (16) Mathematical Statistics for Data Science

This content is reserved for specialised topics in mathematical statistics that are related to modern data science and statistical learning. Content is determined on a capita selecta basis, which is the result of the rapid rate at which data science topics are advancing and the importance of the field remaining relevant over time.

Prerequisite pass modules:

- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364

Home department: Statistics and Actuarial Science

14373 Multivariate Statistical Analysis A

441 (16) Multivariate Statistical Analysis A (3L)

The objective of the module is to teach you the theoretical basis and practical application of multivariate statistics. Various aspects of multivariate statistics are discussed. You will learn mathematical theory supporting multivariate statistics, and the application of these statistics. The consequences of the assumptions made on multivariate statistics are also considered. In particular, the following topics are studied: the characterisation and display of multivariate data; matrix algebra and random vectors; the multivariate normal distribution; inferences about the multivariate population mean vector.

Prerequisite pass modules:

- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364

Home department: Statistics and Actuarial Science

14374 Multivariate Statistical Analysis B

441 (16) Multivariate Statistical Analysis B (3L)

The objective of the module is to provide you with the expertise to confidently come to the right conclusions when analysing multivariate data. You will study the theory and applications of the following multivariate statistical techniques: multivariate analysis of variance (MANOVA), multivariate multiple regression analysis, principal component analysis, factor analysis, canonical correlation analysis, discriminant and classification analysis, cluster analysis, distance and ordination methods.

Application to multivariate datasets will be performed using the SAS and R software.

Prerequisite pass modules:

- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364
- Multivariate Statistical Analysis A 441

Home department: Statistics and Actuarial Science

56820 Probability Theory and Statistics

144 (16) Probability Theory and Statistics (3L, 3T)

Combinatorial analysis; the basic counting principles; permutations and combinations. Random phenomena; sample spaces and events; the probability axioms; the probability of an event; random selection; probability rules; conditional probability; the rule of Bayes; stochastic independence. Discrete and continuous stochastic variables; expected value and variance of a stochastic variable; important discrete distributions: binomial, Poisson, geometric, hypergeometric, negative binomial; important continuous distributions, uniform, normal

Home department: Statistics and Actuarial Science

19658 Statistics

Note:

To major in Statistics for a BCom degree, the modules Statistics and Data Science 188, Statistics 214, 224, 244 and Statistics 318, 348 are required.

214 (16) Applied Statistics (3L, 2T)

Descriptive statistics: Various data types; frequency distributions; contingency tables; graphical representation of different data types; measures of location and spread; box-and-whisker plot.

Discrete stochastic variables and probability distributions: Expected value, variance and standard deviation of a discrete stochastic variable; correlation between discrete stochastic variables; joint, marginal and conditional distributions; distribution of the sum of variables; binomial and Poisson distributions.

Continuous stochastic variables and probability distributions: Expected value, variance and standard deviation of a continuous stochastic variable.

Distributions: Uniform, normal, exponential, gamma, t, F, chi square and beta.

Sampling distributions: The central limit theorem; sampling distributions of one mean; one proportion and one variance; sampling distributions of the difference between two means and the difference between two proportions; sampling distributions of the ratio of two variances.

Inferential statistics: Interval estimation and hypothesis testing for one mean, one proportion and one variance; Interval estimation and hypothesis testing for the difference between two means, the difference between two proportions and the ratio of two variances; concept and calculation of p values in above cases; determining sample sizes; calculation of power and the effect of sample size on it.

Categorical data analysis: Hypothesis testing for the difference between two or more proportions; tests for independence; the goodness of fit test.

Note:

Application of statistical techniques using Microsoft® Excel is emphasised throughout.

Prerequisite pass modules: Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Corequisite module: Statistics 224 (If you passed Mathematics 114 *or* Mathematics 144 *or* Engineering Mathematics 115 *or* Engineering Mathematics 145, you are exempt from this module.)

Home department: Statistics and Actuarial Science

224 (16) Statistical Theory and Practice (3L, 2T)

Handling data sets: Data vectors and data matrices; different types of data and its influence on the choice of applicable statistical techniques; manipulations with data vectors and data matrices; calculating simple statistical measures with the use of vectors and matrices; the R programming language; importing data into R; vector and matrix operations in R to calculate statistical measures; determinant and eigenvalues of a square matrix with applications in statistics.

Moment generating functions and their applications: Moments of a random variable; calculation and interpretation of discrete and continuous moments with summation and integration; the exponential function and some of its basic properties; the moment generating function; moment generating functions of important distributions; obtaining moments from moment generating functions using differentiation and a series expansion; graphical displays of probability distributions in R (the *denstrip* package).

Transformations: The logarithmic and square root transformations and their usage and effect in the analysis of data.

Optimisation in statistics: Obtaining the maximum and minimum of a function of a single variable using differentiation; the least squares method; the maximum likelihood method (in general); Lagrange multipliers.

Transformations: The logarithmic and square root transformations and their usage and effect in the analysis of data.

Prerequisite pass module: Statistics and Data Science 188

Home department: Statistics and Actuarial Science

244 (16) Statistical Inference (3L, 2T)

Sampling techniques: Simple random sampling; stratified sampling; systematic sampling; cluster sampling; probability proportional to size sampling.

Properties of estimators: Unbiasedness; efficiency; consistency; sufficiency; robustness.

Estimation methods: Maximum likelihood and optimisation of linear models.

Simple linear regression analysis: The simple linear regression model; method of least squares estimation; Inference on the model parameters and the correlation coefficient; residual analysis; prediction intervals and confidence intervals.

Multiple linear regression analysis: The multiple linear regression model; residual analysis; inference on the parameters of the model; regression models with dummy variables and interaction terms; polynomial regression; transformations; collinearity; variable selection.

Linear models for classification: Methods of estimation; inference on the model parameters; evaluation of model performance; prediction intervals and confidence intervals.

Analysis of variance: One- and two-factor ANOVA; multiple comparisons testing.

Non-parametric techniques for analysis of variance: Wilcoxon's rank sum test; the sign test; Wilcoxon's signed-rank test; Kruskal-Wallis test.

Note:

Application of statistical techniques using Microsoft® Excel and R are emphasised throughout.

Prerequisite pass module: Statistics 214

Prerequisite module: Statistics 224 (If you passed Mathematics 114 *or* Mathematics 144 *or* Engineering Mathematics 115 *or* Engineering Mathematics 145, you are exempt from this module.)

Home department: Statistics and Actuarial Science

318 (24) Linear and Econometric Models (4L, 2T)

Regression analysis: The multiple linear regression model. Maximum likelihood estimators; residual analysis; outliers and influential observations; unequal variances; multicollinearity; power transformations; variable selection; weighted least squares; logistic regression; ridge regression; robust regression; principal component regression; dummy variables and ANOVA; log-linear model; econometric models.

Multivariate methods: Presentation of multivariate data; the multivariate normal distribution; tests for normality; hypothesis testing for one and two population mean vectors; confidence regions and simultaneous confidence intervals; multivariate control charts; multivariate analysis of variance; linear discriminant analysis; The use of the software R, STATISTICA and SAS to apply regression analysis and multivariate methods to datasets.

Prerequisite pass modules:

- Statistics 214
- Statistics 224 (If you passed Mathematics 114 *or* Mathematics 144 *or* Engineering Mathematics 115 *or* Engineering Mathematics 145, you are exempt from this module.)
- Statistics 244

or

Prerequisite pass modules:

- Mathematical Statistics 214
- Mathematical Statistics 245
- Mathematical Statistics 246

Home department: Statistics and Actuarial Science

348 (24) Statistical Practice (4L, 2T)

Probability theory: Discrete probability distributions (the binomial, geometric, negative binomial, hypergeometric and Poisson distributions); moments and moment generating functions; continuous probability distributions (the normal, gamma and beta distributions); functions of random variables (the method of transformations, the method of moment generating functions, and order statistics).

Advanced statistical inference: Properties of estimators (unbiasedness, efficiency, consistency, sufficiency, robustness); method-of-moments estimation; maximum likelihood estimation; likelihood ratio tests.

Time series analysis: Time series decomposition methods; single exponential smoothing; Holt's method; Holt-Winter's method; multiple regression in time series analysis; Box-Jenkins methodology for ARIMA models; Using the R and STATISTICA software to apply time series models.

Stochastic simulation: Generating random numbers from different distributions using R; inverse transform method; acceptance-rejection method; practical applications of simulation using R.

Bayesian inference: Bayes' theorem; Bayesian priors, posteriors and estimators; Bayesian credibility intervals; Bayes hypothesis testing.

Prerequisite module: Statistics 318

Home department: Statistics and Actuarial Science

14223 Statistics and Data Science

188 (18) Statistics and Data Science (3L) (2P)

Linear programming: graphical techniques to solve problems with two variables; shadow prices; sensitivity analyses. (Only applies if you are registered for BAcc).

Data science: fundamental concepts; the data cycle; data ethics.

Descriptive statistics: various data types; graphical representation of data; descriptive measures of location, spread and association; box plots.

Sampling techniques: simple random; stratified; systematic; cluster; probability proportional to size.

Probability theory: basic probability concepts; Bayes' theorem; counting rules.

Discrete random variables and probability distributions: expected value, variance and standard deviation of a discrete random variable; covariance between discrete random variables; binomial, hypergeometric and Poisson distributions.

Continuous random variables and probability distributions: expected value, variance and standard deviation of a continuous random variable; the uniform, normal and exponential distributions.

Sampling distributions: central limit theorem; sampling distributions of the mean and a proportion; sampling distribution of the difference between two means and two proportions.

Inferential statistics: interval estimation and hypothesis testing for the mean, a proportion, the variance and the standard deviation; interval estimation and hypothesis testing for the difference between two means, two proportions and the ratio of two variances.

Regression analysis: the simple and multiple linear regression model; the method of least squares estimation; inference on the model parameters and coefficient of correlation; residual analysis.

Home department: Statistics and Actuarial Science

65250 Stochastics Simulation

441 (12) Stochastic Simulation (3L)

The module is concerned with the study of the theory and applications of important probability models and stochastic processes and their application to simulation. The simulation of random variables from well-known distributions using techniques in mathematical statistics is followed by applications thereof. These are studied theoretically/analytically and are then illustrated by means of computer-based simulation. In particular, the following topics are studied: methods for generating random variables from statistical distributions, Monte Carlo integration, Markov chains and Markov chain Monte Carlo methods (including applications to Metropolis-Hastings and Gibbs sampling methods), homogeneous and non-homogeneous Poisson processes and variance reduction techniques for Monte Carlo integration.

Prerequisite pass modules:

- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364

Home department: Statistics and Actuarial Science

38784 Theory of Interest

142 (6) Theory of Interest (2L, 1T) (HL)

Interest plays a critical role in most of today's financial transactions. Understanding how to work with interest is critical when working with credit cards, home loans, car purchases, saving for retirement or investing on the stock exchange.

In this module the principles for working with interest and doing calculations with interest in its various forms (simple or compound interest, interest paid in advance, paid in arrears, or compounded continuously) are explained. Examples of working with interest when calculating the future value of an investment, the amount to invest today if a specific value is needed in the future, the monthly repayment amount of a car or home loan or how much should be invested for a comfortable retirement, are some of the types of questions solved in this module.

Students are introduced to timelines that allow us to visually represent complex financial problems spread out over time. These timelines are then used to solve the financial problems using a prescribed financial calculator.

Home department: Statistics and Actuarial Science

14309 Time Series Analysis

441 (12) Time Series Analysis (3L)

Data observed sequentially over time are very common. In time series analysis, the stochastic method that gives rise to an observed series is modelled and then used to forecast future values. This module is a continuation of previous time series coursework and concentrates on more advanced time series techniques.

Prerequisite pass modules:

- Mathematical Statistics 312
- Mathematical Statistics 316
- Mathematical Statistics 344
- Mathematical Statistics 364

Home department: Statistics and Actuarial Science

School of Accountancy

17426 Auditing

288 (23) Auditing (2.5L)

Introduction and background to auditing; ethics and legislation relating to the accountancy profession; the audit process (pre-engagement and planning activities); basic principles of internal control; internal control cycles and the design thereof.

Prerequisite module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179

Home department: School of Accountancy

378 (23) Auditing (2.5L)

Continuation of Auditing 288(24)/Auditing 388(24).

Auditing in a computerised environment; the audit process (audit procedures, completion and reporting); audit sampling.

Prerequisite module: Auditing 288

Corequisite module: Financial Accounting 278 *or* Financial Accounting 288

Home department: School of Accountancy

388 (23) Auditing (2.5L)

(Content the same as Auditing 288)

Introduction and background to auditing; ethics and legislation relating to the accountancy profession; the audit process (pre-engagement and planning activities); basic principles of internal control; internal control cycles and the design thereof.

Prerequisite module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179

Home department: School of Accountancy

59277 Business Ethics

214 (8) Business Ethics (2L)

Introduction to ethics, applied ethics and ethical decision-making; macro-ethical issues in business ethics; contemporary approaches to corporate social responsibility and corporate governance; professionalism and ethics in accountancy; the nature and functioning of professional codes; ethical challenges associated with the accountancy functions (i.e. auditing, management and tax); management and organisational ethics; writing skills, research and case study analysis in applied ethics.

Note:

Business Ethics 214 is an exclusion subject with Business Ethics 314.

Home department: School of Accountancy

14523 Digital- and Leadership Acumen for Accountants

The full subject name is “Digital- and Leadership Acumen for Accountants”, but “Digital- and Leadership Acumen” is being used in the rest of this Yearbook part

112 (6) Introduction to Digital Acumen for Accountants (2L)

General information technology concepts for business systems that include general systems theory; infrastructure; networks and electronic communication; introduction to the development, management and control of information systems.

Note:

If you failed Information Systems 114 in 2022, you must register for both Digital- and Leadership Acumen 112 *and* 142 in 2023 or thereafter.

Home department: School of Accountancy

122 (6) Spreadsheet Software for Accountants (1L, 1P)

The practical use of spreadsheet software in a business environment.

Note:

If you failed Information Systems 144 in 2022, you must register for both Digital- and Leadership Acumen 122 *and* 152 in 2023 or thereafter.

Home department: School of Accountancy

142 (6) Introduction to Accounting Software for Accountants (1L, 1P)

Practical use of general accounting software in a business environment.

Note:

If you failed Information Systems 114 in 2022, you must register for both Digital- and Leadership Acumen 112 *and* 142 in 2023 or thereafter.

Home department: School of Accountancy

152 (6) Introductory Spreadsheet Automation for Accountants (1L, 1P)

The practical use of spreadsheet automation in a business environment.

Note:

If you failed Information Systems 144 in 2022, you must register for both Digital- and Leadership Acumen 122 *and* 152 in 2023 or thereafter.

Prerequisite pass module: Information Systems 144 *or* Digital- and Leadership Acumen 122.

Home department: School of Accountancy

162 (6) Ethics, Finance and Operations in Digital Business Environments for Accountants (1L, 1P)

The interaction of finance and business operations in a digital world. Ethics and dealing with ethical conflicts in a business environment.

Note:

If you failed Information Systems 152 in 2022, you must register for Digital- and Leadership Acumen 162 in 2023 or thereafter.

Home department: School of Accountancy

212 (6) Sustainable Business Models and Integrated Reporting for Accountants (1L, 1P)

The module uses a case study methodology to develop a practical understanding of business model building blocks and integrated reporting. The role of responsible leadership in value creation is also explored.

Note:

If you failed Information Systems 214 in 2022, you must register for Digital- and Leadership Acumen 212 in 2023 or thereafter.

Home department: School of Accountancy

245 (8) Automation for Accountants (1L, 2P)

This practical module is designed to introduce you, as an accounting student, to the fundamental principles of computer programming, with a focus on automating repetitive tasks commonly encountered by accountants when working with data in spreadsheets. The module will cover key concepts including variables, conditional statements, scopes and loops, which will be explained and applied in the context of solving real-world problems in finance and accounting.

Throughout the module, you will be presented with a variety of use-cases demonstrating the practical applications of programming, including the automation of repetitive tasks within larger projects, as well as the creation of standalone programs designed to be re-executed periodically. These examples will be drawn from the field of finance and accounting, enabling you to develop practical skills relevant to your future career as a chartered accountant.

In addition to learning programming fundamentals, the module will emphasize problem-solving and program design, helping you develop the skills necessary to break down complex tasks into manageable components, and to create efficient, effective solutions to common problems.

Prerequisite pass module: Information Systems 144

or

Prerequisite pass modules:

- Digital- and Leadership Acumen 122
- Digital- and Leadership Acumen 152

Home department: School of Accountancy

246 (6) Integrated Business Applications for Accountants (1L, 1P)

This is a practical undergraduate module building on the transaction processing knowledge of accounting information systems gained in Digital- and Leadership Acumen 142, and the application of spreadsheet software, visualisations and automation developed in Digital- and Leadership Acumen 122 and 152.

In this module, you will process business transactions in an accounting information system, including identifying and correcting incorrect accounting entries, to finalise a company's financial information.

You will be exposed to business and accounting scenarios that require you to utilise business applications, such as spreadsheet software, to transform the data available in the accounting information system and elsewhere into information suitable for management decision-making purposes. You will use the information to solve business and accounting problems that you might encounter during your employment as future accountant. You will also learn to use appropriate communication tools and methods to effectively communicate your findings and solutions to a broad range of stakeholders by using, for example, visualisations, dashboards, written reports and presentation slide decks.

Note:

If you failed Digital- and Leadership Acumen 242 in 2024, you must register for Digital- and Leadership Acumen 246 in 2025 or thereafter.

Prerequisite modules:

- Information Systems 114 or Digital- and Leadership Acumen 142
- Information Systems 144 or Digital- and Leadership Acumen 122
- Digital- and Leadership Acumen 152

Prerequisite pass module: Financial Accounting 178 *or* Financial Accounting 179 *or* Financial Accounting 188

Home department: School of Accountancy

312 (8) Introduction to Data Analytics for Accountants (1L, 2P)

A practical undergraduate introduction to the use of data analysis technology. You will be provided with relevant business and accounting scenarios and complex data that you must validate and use to perform data analysis to solve business and accounting problems relevant to chartered accountants. This core module complements and builds on Digital- and Leadership Acumen 152 and 245 to create a basic understanding of business and accounting challenges and scenarios you will encounter in the course of your employment as future chartered accountant.

Corequisite module: Management Accounting 278

Prerequisite module: Auditing 288

Prerequisite pass module: Information Systems 144 on its own *or* Digital- and Leadership Acumen 122 and Digital- and Leadership Acumen 152 together.

Home department: School of Accountancy

352 (8) Data Analytics for Accountants (1L, 2P)

This is a practical undergraduate module building on data analytic skills required in Digital- and Leadership Acumen 312. You will be provided with more complex business and accounting scenarios and the accompanying data that you must validate and use for data analysis. This core module complements and builds on Digital- and Leadership Acumen 312 by equipping you to use your basic knowledge of data analytics and the use of more advanced data analytic tools to perform and interpret more complex data analysis to solve business and accounting problems encountered in the course of your employment as future chartered accountant.

Prerequisite pass module: Information Systems 312 *or* Digital- and Leadership Acumen 312 *or* Digital- and Leadership Acumen 324

Prerequisite module: Management Accounting 278

Home department: School of Accountancy

26883 Financial Accounting

178 (24) Financial Accounting (4L)

The accounting cycle; conceptual framework for financial reporting; value added tax; selected International Financial Reporting Standards; accounting treatment of consignments; preparation and presentation of financial statements of companies; and introduction to group statements.

Home department: School of Accountancy

188 (24) Financial Accounting (4L, 1T)

Theoretical principles of International Financial Reporting Standards; accounting systems; preparation and presentation of financial statements for different enterprises.

Home department: School of Accountancy

179 (26) Financial Accounting (5L, 2T)

This module focusses on the theoretical principles of International Financial Reporting Standards and accounting systems as well as the preparation and presentation of financial statements for different enterprises. This module is equivalent to Financial Accounting 188 (it covers all the same material, but some lectures and tutorials are taught separately). The focus on the separately taught lectures and tutorials will be supplementary conceptual development specifically if you are part of the Faculty's BCom (Management Sciences) Extended Curriculum Programme.

Home department: School of Accountancy

278 (30) Financial Accounting (4L)

Continuation of International Financial Reporting Standards; continuation of group statements; treatment of intergroup transactions; and introduction to foreign operations.

Prerequisite pass module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179 (For Financial Accounting 188 and 179, you must pass an internal Financial Accounting 178 test as required by the School.)

Home department: School of Accountancy

288 (32) Financial Accounting (4L, 1T)

Continuation of International Financial Reporting Standards; introduction to group statements and treatment of intergroup transactions.

Prerequisite pass module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179

Home department: School of Accountancy

379 (45) Financial Accounting (4.5L)

Continuation of International Financial Reporting Standards; continuation of group statements; complex groups; acquisition and sale of subsidiaries; change in degree of control; continuation of foreign operations; equity accounting of associates and joint ventures; and consolidated cash flow statements.

Prerequisite pass module: Financial Accounting 278 *or* Financial Accounting 389 (In the case of Financial Accounting 389, you must achieve a final mark of 60%.)

Home department: School of Accountancy

389 (48) Financial Accounting (4L)

Advanced aspects of International Financial Reporting Standards; continuation of group statements and consolidated cash flow statements.

Prerequisite pass module: Financial Accounting 278 *or* Financial Accounting 288 (You may *not* take any third-year Logistic Management modules in combination with Financial Accounting 389.)

Home department: School of Accountancy

10812 Management Accounting

278 (30) Management Accounting (4L)

Concepts of strategy and business risk. Time value of money; risk and return; valuations; working capital management; financing decision; cost of capital and investment decision. Cost elements and concepts; cost assignment and behaviour; costing systems including job costing, standard costing and process costing; joint and by-products; budgets; and absorption and variable costing.

Prerequisite pass module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179 (For Financial Accounting 188 and 179 you must pass an internal Financial Accounting 178 test as required by the School.)

Corequisite module: Financial Accounting 278 *or* Financial Accounting 288

Home department: School of Accountancy

288 (24) Management Accounting (3L)

Introduction to strategy. Time value of money; risk and return; valuation of preference shares and bonds; working capital management; financing decision and cost of capital. Fundamental concepts of cost and management accounting; cost assignment and behaviour; job costing; standard costing; process costing; joint and by-products; budgeting and control.

Prerequisite pass module: Financial Accounting 188 *or* Financial Accounting 179

or

Prerequisite module: Financial Accounting 178

Home department: School of Accountancy

378 (36) Management Accounting (3L)

Valuations and takeovers; analysis of financial information in the integrated report; dividend policy; businesses in financial stress and financial risk. Standard costing; optimisation; performance management; cost-volume-profit analysis; risk and uncertainty; activity-based costing; relevant information and transfer pricing.

Prerequisite pass module: Financial Accounting 278 *or* Management Accounting 388 (In the case of Management Accounting 388, you must achieve a final mark of 60%.)

Prerequisite module: Management Accounting 278 (This prerequisite module does not apply if you passed Management Accounting 388.)

Home department: School of Accountancy

388 (48) Management Accounting (4L)

Valuations of businesses; takeovers, analysis of financial information in the integrated report; division of profit and financial risk. Budgeting and control; standard costing; absorption and variable costing; cost-volume-profit analysis; risk and uncertainty; activity-based costing; relevant information; throughput accounting and cost management techniques.

Prerequisite module: Management Accounting 278 *or* Management Accounting 288

Home department: School of Accountancy

14927 Portfolio of Evidence: Accountancy

378 (2) Portfolio of Evidence: Accountancy

This module will equip you for life-long learning as Chartered Accountant (CA), as it requires you to reflect on and document your competency development pertaining to the values and acumens of the CA of the Future competency framework (ethics, citizenship, life-long learning, business acumen, decision-making acumen, relational acumen and digital acumen). Although the competencies themselves would have been developed in other modules in the programme, in this module you will be guided to construct a portfolio of evidence where you reflect on your proficiency relating to each value and acumen and provide either evidence of your proficiency or remedial actions (plans to improve).

Corequisite module: Financial Accounting 379

Home department: School of Accountancy

18287 Taxation

298 (24) Taxation (2L)

The taxation structure of the Republic of South Africa with reference to the Income Tax Act; determining the normal tax liability (taking into account capital gains tax) and withholding tax liability of natural persons and the calculation of employees' tax.

Prerequisite pass module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179 (For Financial Accounting 188 and 179 you must pass an internal Financial Accounting 178 test as required by the School.)

Corequisite module: Financial Accounting 278

Home department: School of Accountancy

388 (24) Taxation (2L)

The taxation structure of the Republic of South Africa with reference to the Income Tax Act; determining the normal tax liability of natural persons and companies (taking into account capital gains tax); tax returns, assessments and sundry administrative aspects regarding taxation. VAT in terms of the Value Added Tax Act.

Prerequisite pass module: Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179

Home department: School of Accountancy

399 (36) Taxation (3L)

Tax legislation in the Republic of South Africa, with specific reference to companies, Value Added Tax, capital gains tax, provisional tax and the tax of natural persons.

Prerequisite pass module: Financial Accounting 278

Prerequisite module: Taxation 298

Home department: School of Accountancy

School of Public Leadership

14130 Applied Compliance and Control

176 (20) Applied Compliance and Control (HL)

Managing monitoring and evaluation prescripts; reporting; financial regulatory and value-for-money controls; contracting; enterprise risk management and oversight.

Home department: School of Public Leadership

14124 Applied Institutional Capacity Management

173 (20) Applied Managing Institutional Capacity (HL)

The enhancement of institutional capacity through good people management and leadership skills, individual performance management, computer skills, research methods and written communication skills, goal setting and conflict management.

Home department: School of Public Leadership

14127 Applied Institutional Collaboration

175 (20) Applied Managing Institutional Collaboration (HL)

This module focuses on the management of institutional collaboration and building alliances through negotiation skills, conflict resolution and lobbying and building of public private partnerships.

Home department: School of Public Leadership

14126 Applied Managing Institutional Performance

172 (20) Applied Managing Institutional Performance (HL)

This module focuses on enhancing and leading institutional performance through sound financial management, programme management skills, the setting of institutional performance standards and strategic management and leadership.

Home department: School of Public Leadership

14128 Applied Public Accountability

171 (20) Applied Public Accountability (HL)

Theories and practices of leadership and good governance and a customer- centric ethos that supports accountability for public service delivery. Theories and practices to engage with political-administrative leadership on matters of public accountability.

Home department: School of Public Leadership

14129 Applied Public Financial Accounting

177 (20) Applied Public Financial Accounting (HL)

Applied practices of financial accounting including recording of public sector financial transactions and financial reporting.

Home department: School of Public Leadership

14526 Business Plans and Strategies

121 (15) Business Plans and Strategies (HL)

Formulate business plans for start-up enterprises; practical methods and tools needed to formulate business plans aimed at the market for "responsible" and "impact" investing. This module is presented online with one compulsory face-to-face teaching block.

Home department: School of Public Leadership

13205 Compliance and Control

251 (20) Compliance and Control (HL)

This module is aimed at developing conceptual insight, contextual and practical skills to implement an integrated risk management system, considering international best practices.

Home department: School of Public Leadership

13777 Compliance and Control: Asset and Procurement Management

122 (15) Compliance and Control: Asset and Procurement Management (HL)

This module will introduce you to the basic principles and techniques for compliance and control in public sector organisations, relating to the legal framework for asset – and supply chain management.

Home department: School of Public Leadership

13776 Compliance and Control: Budgeting

121 (15) Compliance and Control: Budgeting (HL)

This module will introduce you to the basic principles and techniques for compliance and control in public sector organisations, including budgeting and financial reporting.

Home department: School of Public Leadership

14513 Ecoliteracy

177 (20) Ecoliteracy

The module explores the complex interplay between elements of socio-ecological systems. You will be introduced to ecological intelligence, environmental ethics and ecoliteracy. You will learn how to describe complex systems and interpret the interconnections between natural and human-made worlds.

Home department: School of Public Leadership

14528 Entrepreneurship Incubator

148 (30) Entrepreneurship Incubator (HL)

This module will prepare you to formulate a business plan for an enterprise that is regarded as a worthwhile investment by a responsible/impact investor. You will design your own innovative business project by engaging in experiments, simulations, debates and scenario plans to explore the ways in which sustainable technology can be used for significant change.

Prerequisite modules:

- Research Approaches 131
- Business Plans and Strategies 121

Home department: School of Public Leadership

14519 Green Economy

278 (15) Green Economy

This module provides a broad overview of the green economy and its related concepts. It highlights the need for a green economy against the backdrop of sustainable development and climate change. A range of green activities and green jobs, from micro to macro scale will be explored to build a comprehensive case for a green economy in the South African context.

Home department: School of Public Leadership

13209 Institutional Conduct

142 (15) Institutional Conduct I (HL)

This module will introduce you to legislation, regulations and codes relating to governance ethics in the municipal sphere by applying principles that underpin professional code of ethics for government officials.

Home department: School of Public Leadership

241 (20) Institutional Conduct II (HL)

This module will introduce you to the principles of critical thinking to solve problems and applies these principles to a customer-centric organisation. This module specifically outlines application of the Batho Pele principles, as well as organisational integrity and the value of professional ethical standards in the work environment.

Home department: School of Public Leadership

14521 Internship

379 (40) Internship

This module will prepare you for the move from student to working professional. You must complete a 200-hour internship at an organization/company whose work is aligned with sustainable development goals. The module allows you to develop general professional skills and take responsibility for your own development. You will be supported in identifying suitable internships and completing the application and interview processes. The internship will allow you to learn in a relevant environment, add experience to your CV, build valuable networks and refine your career aspirations.

Home department: School of Public Leadership

13206 Managing Institutional Capacity

171 (20) Managing Institutional Capacity I (HL)

This module will introduce you to the basic principles regarding the use of cost management for the purpose of management reporting, and the principles of information systems within a public finance and administration context.

Home department: School of Public Leadership

271 (20) Managing Institutional Capacity II (HL)

The aim of this module is to equip you with the knowledge, skills and capability to apply the principles and techniques of costing; cash management and capital planning; and to make financing and investment decisions in a public sector context.

Home department: School of Public Leadership

13207 Managing Institutional Collaboration

182 (15) Managing Institutional Collaboration I (HL)

This module will introduce you to the legislation and practices of public collaboration between various levels of government and other stakeholders for improved service delivery and creation of public value.

Home department: School of Public Leadership

281 (20) Managing Institutional Collaboration II (HL)

This module will introduce you to alternative service delivery mechanisms. The focus is specifically on public-private cooperation, and public-private partnerships (PPPs). The module therefore provides you with a conceptual and practical insight on how to design and implement PPPs for improved service delivery.

Home department: School of Public Leadership

13208 Managing Institutional Performance

191 (20) Managing Institutional Performance I (HL)

This module will introduce you to the basic techniques and principles for improving institutional performance through strategic planning, performance management, project management and cash management.

Home department: School of Public Leadership

291 (20) Managing Institutional Performance II (HL)

The module aims to equip you with the knowledge, insight, skills and attitudes to enable you to contribute to the design of fit for purpose and effective organizational performance management systems and organizational structures.

Home department: School of Public Leadership

14123 Personal Conduct and Integrity

174 (20) Applied Personal Conduct and Integrity (HL)

This module focuses on the ability to shape the personal conduct of public officials through an understanding and application of the codes of good practice related to customer service, ethics and integrity in the workplace, the Batho Pele principles and general professionalism.

Home department: School of Public Leadership

13210 Public Accountability

161 (20) Public Accountability I (HL)

This module will introduce you to the fundamental constructs of public service delivery and accountability for service delivery within the context of a developing society.

Home department: School of Public Leadership

261 (20) Public Accountability II (HL)

The aim of this module is to convey understanding to you around the major changes in the world in recent decades as a result of globalisation and the implications of these changes with respect to good governance and the creation of a capable well performing state.

Home department: School of Public Leadership

48003 Public and Development Management

114 (12) Orientation to Development, Society and State (3L)

Introduction to development, society and state as foci of development management. Themes include: contextualising development (evolution of development thinking, interdisciplinary nature, theories); institutional role players; development management and practices.

Home department: School of Public Leadership

144 (12) Public Management and Policy (3L)

This module will equip you with the knowledge and expertise required to deal with managerial tasks of the public manager within the public policy management and development environment. The module covers the nature of public policy, governance, development, sustainability and good policy practices (environmental, social, economic and political development).

Home department: School of Public Leadership

212 (8) Development Theory and Paradigms (1.5L)

Critical assessment of development theories and paradigms, including modernisation, modernity, dependency, post-development, post-modernism, sustainable development, feminism and critical modernism.

Home department: School of Public Leadership

222 (8) Governance (1.5L)

This module will focus on the contemporary governance arrangements and the role and macro-organisation of the State. This includes theories of the State, the moral and ethical bases of the State and multi-level governance at and between levels of the State.

Home department: School of Public Leadership

242 (8) Development Frameworks (1.5L)

As developing countries struggle to keep pace with the progress of technology and globalisation, they encounter many new challenges. These include increasing complexity and uncertainty; more individualisation and social diversity; expanding economic and cultural uniformity; degradation of ecosystem services, upon which economic and social development depends; and a greater vulnerability and exposure to technological and natural hazards. In light of this, sustainability-and-sustainable-development thinking provides you with the necessary conceptual understanding, values and skills required to adapt to these wicked problems.

Home department: School of Public Leadership

252 (8) The Public Policy Process (1.5L)

Studies public policy and developmental policy by analysing the process through which public policy is formulated, policy agenda setting, policy option generation, policy implementation, policy evaluation, policy impact assessment and policy change.

Home department: School of Public Leadership

314 (12) Development Management (1.5L)

Critical interrogation of contemporary development; introduction to development management; appraisal of the foundations and components of development management (community development, participation, empowerment and citizenship); alternatives to development proposed by social movements; reconsidering development and development management.

Prerequisite pass modules:

- Public and Development Management 114
- Public and Development Management 144
- Public and Development Management 212
- Public and Development Management 222
- Public and Development Management 242
- Public and Development Management 252

Home department: School of Public Leadership

324 (12) Public Management Strategies (1.5L)

This module explores the strategic nature and integrity of whatever is planned, executed and evaluated to achieve good governance, through a focus on:

- *Strategic function:* definition, planning, execution and evaluation of the purpose of an initiative by means of strategic planning as well as programme and project management techniques.
- *Resources:* strategies for utilisation of financial, human and information resources in serving the purpose; and
- *Structure:* The utilisation of organisational development (OD) techniques to acquire the appropriate organisational framework by which the purpose is served.

Prerequisite pass modules:

- Public and Development Management 114
- Public and Development Management 144
- Public and Development Management 212
- Public and Development Management 222
- Public and Development Management 242
- Public and Development Management 252

Home department: School of Public Leadership

348 (24) Integrated Development, Policy and Management Theory and Practice Capstone (1.5L)

The study of topical issues in public and development management and integrated governance like, for example, issues concerning ethics, housing, public and private partnerships, alternative service delivery, organisational change, performance management and transformation and regulatory and environmental governance (capita selecta).

Prerequisite pass modules:

- Public and Development Management 114
- Public and Development Management 144
- Public and Development Management 212
- Public and Development Management 222
- Public and Development Management 242
- Public and Development Management 252

Home department: School of Public Leadership

13211 Public Financial Accounting

231 (20) Public Financial Accounting (HL)

This module will introduce you to the fundamental constructs of public financial accounting and auditing, including the conceptual framework of Accounting; Generally Recognized Accounting Practices (GRAP); the accounting process; the preparation of public financial reports and audit planning and implementation.

Home department: School of Public Leadership

14515 Regenerative Leadership

177 (10) Regenerative Leadership

This module focuses on Personal Leadership Development. The module is guided by the question, "What have I learnt about myself, and what do I do with this information?" The content centres on the emotional intelligence principles of self-awareness and self-management. You will have opportunities to critically examine your own individual behaviour as it relates to both your academic and non-academic environments.

You will become competent in professional communication through exploring verbal, non-verbal and written communication skills.

You will improve your academic language proficiency by completing an online reading programme. You will participate in a peer-to-peer mentorship programme to help you navigate the academic environment.

Home department: School of Public Leadership

278 (15) Regenerative Leadership

This module focuses on facilitation skills and leadership. The module is guided by the questions, "What am I seeing in other people?" and "What do I do with these observations?" The module content centres on the emotional intelligence principles of social awareness and relationship management.

You will apply the theory of facilitation and develop your facilitation skills through the practical facilitation of group processes. You will critically reflect on your own emotional intelligence and your skills as facilitator.

Home department: School of Public Leadership

379 (10) Regenerative Leadership

This module focuses on Mentorship and Leadership. The module is guided by the questions "What do people/communities want and need?" and, as such, "How can I help them achieve this?" The content centres on the emotional intelligence principles of self-performance, people performance and motivation.

You will explore the concept of leadership and consolidate various leadership theories to ultimately identify your own personal leadership style that considers your values and personality traits.

In this module, you will have the opportunity to mentor first and/or second year students through a peer-to-peer mentorship programme.

Prerequisite pass modules:

- Regenerative Leadership 177
- Regenerative Leadership 278

Home department: School of Public Leadership

14527 Research Approaches

131 (15) Research Approaches (HL)

This module prepares you to undertake rigorous and credible research. It provides you with a practical understanding of academic tools and encompasses literature reviews, research approaches and data capturing. This module is presented online with one compulsory face-to-face teaching block

Home department: School of Public Leadership

14518 Social Change

278 (15) Social Change

This module focuses on collective behaviour, group dynamics, social movements, revolutions and other types of social change that shape the developmental agenda of the future. You will investigate the changing role of state, civil society and business and how informality, incrementalism and social entrepreneurship contribute to social change, using case studies like Black Lives Matter and #FeesMustFall. Throughout, you will develop your abilities to facilitate positive social change.

Home department: School of Public Leadership

13786 Social Entrepreneurship

149 (30) Social Entrepreneurship (HL)

This module will introduce you to personal development, brand building and responsible and ethical leadership in the area of social and sustainable business management. Building on the practice, purpose and process of the entrepreneurial mindset, you will explore the creation of a consultancy service as a social entrepreneur.

Prerequisite module: Sustainability in the Digital Age 111

Home department: School of Public Leadership

177 (20) Social Entrepreneurship

You will be introduced to Social Entrepreneurship as both a practice and a process. As a practice, Social Entrepreneurship involves thought leadership that is focused on transformational change. Core concepts and principles that underpin the ethics of Social Entrepreneurship are introduced to help you build your self-understanding of passion and purpose towards change-agency in business and society.

Social Entrepreneurship is also a solution-orientated process. You will develop a set of skills and competencies that are informed by the entrepreneurial mindset, specifically self-efficacy and the creative competencies that form the basis for ideation.

Home department: School of Public Leadership

278 (40) Social Entrepreneurship

In this module, you will be introduced to social entrepreneurship business tools such as the Lean Canvas business model and basic financial management. Building on the practice, purpose and process of the entrepreneurial mindset, you will explore group ideation processes that promote experimentation, iteration and adaptation.

Prerequisite pass module: Social Entrepreneurship 177

Home department: School of Public Leadership

379 (40) Social Entrepreneurship

In this module, you will be introduced to funding strategies and governance models for social enterprise and sustainable business. Building on the practice, purpose and process on the entrepreneurial mindset you will explore intrapreneurial thinking and professional development as a social entrepreneur.

Prerequisite pass modules:

- Social Entrepreneurship 177
- Social Entrepreneurship 278

Home department: School of Public Leadership

60771 Strategic Communication

177 (20) Strategic Communication

This module will introduce you to different ways of communicating (written, oral, visual expression). It introduces communication theories, builds critical reading and writing skills, improves presentation ability and encourages reflective thinking.

Home department: School of Public Leadership

278 (15) Strategic Communication

This module puts into action knowledge concerning communication skills, framing messages, knowledge concerning target markets, and developing communication outputs. You will develop a communication strategy focused on a sustainability challenge and produce communication outputs related to the strategy.

Prerequisite pass module: Strategic Communication 177

Home department: School of Public Leadership

379 (15) Strategic Communication

This module will prepare you for working life by undertaking a real-life communications project for a social enterprise. You will deepen your critical and creative thinking abilities to develop a communications output (includes a publication component, basic website and video) to a client brief. You will conceptualise a communication strategy and incorporate client feedback in the corresponding communication output.

Prerequisite pass modules:

- Strategic Communication 177
- Strategic Communication 278

Home department: School of Public Leadership

14525 Sustainability in the Digital Age

111 (30) Sustainability in the Digital Age (HL)

This module will introduce you to the role information and communication technologies can play to either achieve or subvert the global commitment to sustainable development. Within this context, the emergence and consolidation of principles and codes for responsible investing and impact investing are explored. The practical component of this module focuses on strategies and techniques deployed by “tech-entrepreneurs”. This module is presented online with two compulsory face-to-face teaching blocks.

Home department: School of Public Leadership

14514 Sustainability Perspectives

177 (15) Sustainability Perspectives

This module introduces sustainable development by exploring the narratives and paradigms that have shaped the concept of sustainability. You will be able to describe various interpretations of sustainable development, with a focus on Afrocentric perspectives.

Environmental, social and economic nexus points will be used to explore the interconnectedness of local and global crises. This will allow you to develop a comprehensive understanding of sustainability that can inform individual action for change.

Home department: School of Public Leadership

14520 Sustainability Reporting

379 (15) Sustainability Reporting

Sustainability reporting facilitates the social and environmental impact of organisations. In this module, sustainability reporting is presented as a tool for risk identification, increasing transparency and accountability where traditional financial reporting is insufficient. Theory of Change is introduced as a process for planning, participation and evaluation to promote social change within organisations.

Home department: School of Public Leadership

13763 Sustainable Design

177 (20) Sustainable Design

This module explores various aspects of design, and the impact design has on socio-ecological systems. You will be introduced to different design disciplines relating to sustainable design. Permaculture design, biomimicry and design thinking methodologies will be used to generate ideas for sustainable solutions.

Home department: School of Public Leadership

278 (20) Sustainable Design

This module investigates complex networks within urban systems. You will use a design thinking approach to investigate urban sustainability challenges in your context before prototyping and testing simple solutions.

An urban sustainability approach is used to investigate strategies for building sustainable cities. Innovations in waste, energy, transport and water systems will be reviewed.

Prerequisite pass module: Sustainable Design 177

Home department: School of Public Leadership

14517 Worldviews

177 (15) Worldviews

This module introduces different worldviews, belief systems and ethics as "ways of knowing" and then explores how these "ways of knowing" affect different understandings of, and practices in, global development. This includes topics like environmental ethics, decolonisation and feminism. This will allow you to explore similarities and differences in how people make meaning, assign value and arrange themselves in social and political units. These explorations provide perspective and global self-awareness that will allow you to navigate developmental agendas meaningfully across differences in a South African and global context.
Home department: School of Public Leadership

SU Language Centre

14220 Professional Communication for EMS

144 (6) Professional Communication for EMS (2L)

This module will focus on effective professional communication for business. The overarching themes informing the development of faculty and industry relevant skills incorporate ethical communication, collaborative writing and a foundational argumentative methodology. Academic and professional writing skills will be developed by focusing on industry-specific documents such as reports, correspondence and presentations. Appropriate tone, style and authoritative referencing will underpin the documents produced.

Home department: Language Centre

Faculty of Economic and Management Sciences

11569 Academic Literacy for Economic and Management Sciences

111 (12) Academic Literacy for Economic and Management Sciences (4L, 2T)

The focus of this module is to promote academic literacy for economics with an economic thought approach (to think like economists). You will be provided with the opportunity:

- to use economics to solve meaningful problems and understand the art of the logic of economics;
- to practise the skills and analysis that are fundamental to participating in economics debate and decision-making;
- to apply basic critical thinking skills through critical listening, reading and writing of economics texts (i.e. deductive reasoning, analyse economic policies, construct arguments and support them, interpret different kinds of economic text (i.e. Adam Smith; Popper, Malthus)); understand academic vocabulary, interpret the use of analogies and metaphors in the context of social coordination, individualism, self-interest; understand the market as a system; understand voluntary exchange,

profit, process and incentives, to read and interpret information presented in graphic or visual format (demand and supply curves);

- to explain your thinking and constructively critique the thinking of others;
- to focus on organising information logically; select important information and reduce it to a form that is easy to study and review.

You will further acquire the basic knowledge, skills and attitudes to become successful EMS students by understanding the university ethos, by developing academic readiness and personal management skills such as study, time and stress management.

Home Faculty: Faculty of Economic and Management Sciences

12298 Introduction to Economics

141 (12) Introduction to Economics (4L, 2T)

The focus of this module is to provide a comprehensive introduction to microeconomics in general, set against a contemporary South African background. You will learn how to apply microeconomic principles to a wide variety of real-world situations in both your personal and professional life. Deeper understanding and working knowledge of the following basic fundamental microeconomic concepts will be provided: what economics is about; the three central economic questions; how different economies answer these questions; how the economy functions as a whole; what drives the economy.

Home Faculty: Faculty of Economic and Management Sciences

11580 Mathematics for EMS

171 (18) Mathematics for EMS (3L, 2T)

The focus of this module is to provide a foundation and promote deeper understanding and working knowledge of the following basic fundamental Mathematics concepts: pre-calculus review; straight lines, linear functions and linear programming with an emphasis on shadow prices and sensitivity analysis; financial mathematics that extensively covers simple interest, compound interest involving time-lines, interest-discount rate conversions and annuities; sets and counting techniques; probability; functions, limits and the derivative; differentiation; applications of the derivative with an emphasis on the optimisation of cost, revenue and profit functions; antiderivatives (integrals) of power functions only in relation to areas under curves.

Home Faculty: Faculty of Economic and Management Sciences

Research and Service Bodies

1. Africa Centre for Inclusive Health Management

The Africa Centre for Inclusive Health Management focusses on the fast-emerging research area of inclusive health management towards the strengthening of health systems. At the same time, the Centre maintains ongoing attention on HIV/Aids management. The Centre offers transdisciplinary postgraduate programmes and short courses on inclusive health management and HIV/Aids management in communities and the broader health ecosystem.

Website: www.healthmanagement.sun.ac.za
Contact person: Ms Bianca Jacobs
E-mail address: bianca@sun.ac.za

2. African Centre for Development Finance (ACDF)

ACDF is a research, education and service centre. It conducts theoretical and empirical research, as well as policy-oriented investigations responding to current challenges in financial development and economic policy. It also undertakes projects and consultancy services commissioned by clients in the private and public sectors; provides non-degree programs in development finance areas for public and private financial institutions as part of capacity building in Africa; and liaises with international financial institutions, development banks, microfinance institutions and consulting companies operating in the development finance milieu. The Centre is situated at the Stellenbosch Business School and is aligned with Stellenbosch Business School's Development Finance programme.

Website: www.stellenboschbusiness.ac.za
Contact person: Dr Elizabeth Nanziri
E-mail address: elizabethn@stellenboschbusiness.ac.za

3. Allan Gray Centre for Africa Entrepreneurship (AGCAE)

The Allan Gray Centre for Africa Entrepreneurship (AGCAE) is a new flagship research project within the School of Public Leadership. The Centre's mission, vision, strategic priorities and values are inspired by the mission of Allan & Gill Gray Philanthropies (AGGP) to develop responsible entrepreneurs across the African continent in service of the common good and a long-term strategy to ultimately contribute to job creation and poverty alleviation, hence leading to social change. The Centre's mission, vision, strategic priorities and values are also in line with Stellenbosch University's mission to be a research-intensive university that attracts outstanding students, employs talented staff and provides a world-class environment; a place connected to the world while enriching and transforming local, continental and global communities. The Centre plans to achieve its strategic priorities through a triad of specialist services: research, ecosystem building and a data hub of hubs.

Website: www.agcae.africa
Contact person: Ms Tyra Cole
E-mail address: tyracole@sun.ac.za

4. Anti-Corruption Centre for Education and Research of Stellenbosch University (ACCERUS)

ACCERUS specialises in anti-corruption education and training and has developed a number of educational and skills training courses that are accredited by the Higher Education Quality Committee (HEQC). These courses offer knowledge, awareness, skills and the strategies necessary to introduce and enforce effective anti-corruption programmes in typical public sector organisations, and are also relevant to the private sector.

Website: https://www.su.ac.za/faculties/economy/accerus
Contact person: Prof Pregala Pillay
E-mail address: pregala@spl.sun.ac.za

5. Bureau for Economic Research (BER)

The Bureau for Economic Research is an economic research institution. It monitors and forecasts economic trends and identifies and analyses factors, both locally and internationally, that affect South African businesses. The BER's respected economic analysis and forecasting services are used by a wide range of clients – from small- and medium-sized firms to very large JSE-listed companies – as well as public sector bodies and non-governmental organisations.

Website: www.ber.ac.za
Contact person: Ms Celeste Booysen
E-mail address: cbooysen@sun.ac.za

6. Centre for Competition Law and Economics

The Centre for Competition Law and Economics is a research unit in the Department of Economics. It is tasked with advancing research and training in relation to competition policy. The Centre hosts a variety of postgraduate students, international academic affiliates and local law and economics scholars with shared research interests in industrial organisation and competition policy. The Centre regularly hosts research events and provides public commentary on developments relating to competition policy in South Africa and beyond. It also provides inputs into processes in this area.

Website: https://ccle.sun.ac.za
Contact person: Prof Willem Boshoff
E-mail address: wimpie2@sun.ac.za

7. Centre on Conflict and Collaboration

The Centre on Conflict and Collaboration at Stellenbosch Business School is a hub for research and reflection on conflict prevention and conflict resolution. It develops tools, data, analysis and frameworks for better understanding of the nexus between private sector development, conflict and human security. It partners with business, government, labour and local communities to reduce the costs associated with conflict and increase opportunities for collaboration. It aims to achieve transformation in the next generation of dispute resolution practitioners and scholars.

Website: www.stellenboschbusiness.ac.za/our-expertise/conflict-and-collaboration
Contact person: Ms Surita Basson
E-mail address: sbasson@stellenboschbusiness.ac.za

8. Centre for Household Finance

The Centre for Household Finance is a research group within the Department of Economics. Our goal is to advance knowledge about consumer financial markets in developing countries: how they work, and which policies may make them work more efficiently and more equitably. The Centre's mission is to produce original and high-quality research in household finance that is relevant to multiple audiences. These include academics, both within and beyond South Africa, local policymakers and the local financial services industry. We use tools from applied microeconomics and causal inference to study how people make financial decisions and what influences their choices. We focus on South African survey and administrative data in a variety of domains, including retirement, insurance and credit.

Website: https://householdfinance.org.za/
Contact person: Dr Jesse Naidoo
E-mail address: jnaidoo@sun.ac.za

9. Centre for Corporate Governance in Africa

The Centre for Corporate Governance conducts multi-disciplinary research and offers educational and development activities to improve the effectiveness of corporate governance in African organisations. The Centre focuses on the development of the compliance and performance aspects of directors' attitudes, knowledge and skills, as well as on the link between corporate governance, business ethics and total organisational performance.

The Centre is situated at the Stellenbosch Business School.

Website: www.stellenboschbusiness.ac.za/research/centre-corporate-governance-africa
Contact person: Surita Basson
E-mail address: sbasson@stellenboschbusiness.ac.za

10. Centre for Local Governance (CLG)

The Centre for Local Governance (CLG) at Stellenbosch University facilitates teaching, research and development, and renders advisory services in the broad field of good governance, leadership and general management, for the purpose of enhancing local government service delivery in South Africa. The work of the Centre included research, community interaction and training in matters relating to local government to support performance of local government through research, innovation, training and community interaction.

The Centre is situated at the School of Public Leadership.

Website: https://www.su.ac.za/en/faculties/economy/departments/public-leadership
Contact person: Johnny Douglas
E-mail address: johnnyd@spl.sun.ac.za

11. Centre for Multi-dimensional Data Visualisation (MuViSU)

The Centre for Multi-dimensional Data Visualisation (MuViSU) aims to:

- extend multi-dimensional visualisation methodology and related techniques, such as biplots, through theoretical developments
- better apply newly derived techniques to data sets originating from various fields and
- develop, maintain and improve software for constructing all necessary graphical displays and for performing various multi-dimensional visualisation-based techniques.

The Centre is situated in the Department of Statistics and Actuarial Science.

Website: https://www.su.ac.za/faculties/economy/muvisu
Contact person: Prof Sugnet Lubbe
E-mail address: slubbe@sun.ac.za

12. Centre for Responsible Leadership Studies (Africa)

The Centre is rooted in Africa, with a service offering that has practical relevance and stature in both African and global contexts.

Based on research, it is leadership that makes a difference in organisational performance. Responsible leadership is acknowledged as the prime driver of a culture of high performance. The qualifying term "responsible" attached to "leadership" describes a generic quality of all leadership forms and styles, and does not refer to a specific kind of leadership. Hence, it is inclusive of all leadership styles. It refers to the leadership and management of oneself, others, organisations and institutions, and their interactions with one another and with society. This is done in a way that responds to all stakeholders' concerns, and does so in a morally accountable manner.

This Centre promotes knowledge of responsible leadership in order to enhance leadership for sustainable organisational and institutional effectiveness, especially in Africa. This includes:

- Generating knowledge in the field of leadership, especially responsible leadership
- Developing and delivering need-specific leadership offerings
- Developing responsible leaders and responsible leadership
- Expanding networks and disseminating knowledge about responsible leadership.

Website: www.stellenboschbusiness.ac.za

Contact person: Prof Mias de Klerk
E-mail address: mias@stellenboschbusiness.ac.za

13. Centre for Statistical Consultation

This Centre for Statistical Consultation assists researchers and postgraduate students with statistical aspects of their research, including the calculation and interpretation of results.

Website: https://www.su.ac.za/en/research/statistical-consultation
Contact person: Vacant

14. Centre for Sustainability Transitions (CST)

The Centre for Sustainability Transitions conducts inter- and transdisciplinary research on sustainability transitions, specifically from an African perspective. The Centre co-produces transformational knowledge on the dynamics of multi-scale social-ecological change in partnership with key stakeholders. The Centre provides strategic insights into new modes of research and governance that can bring about a just transition to a more equitable and sustainable society, in southern Africa and globally. A national, regional and continental hub, the Centre is recognised internationally for supporting sustainability transitions on the African continent, drawing on core expertise in the areas of complexity, sustainability, resilience and social-ecological systems.

Website: www0.sun.ac.za/cst
Contact person: Ms Nina Callaghan
E-mail address: cstenquiries@sun.ac.za

15. Institute for Futures Research (IFR)

The Institute for Futures Research is a research institution uniquely positioned to assist decision-makers and strategic planners in initiating and managing medium- to long-term change. It prepares and supports organisations to implement effective strategic planning and lead them to envision and realise their future. The Institute is internationally recognised for its research and teaching in futures studies.

The Centre is situated at the Stellenbosch Business School.

Website: www.ifr.sun.ac.za
Contact person: Ms Heilet Bertrand
E-mail address: heilet@ifr.ac.za

16. Laboratory for the Economics of Africa's Past (LEAP)

The Laboratory for the Economics of Africa's Past (LEAP) is dedicated to the quantitative study of African economic and social history. It brings together scholars and students interested in understanding and explaining the long-term economic development of Africa's diverse societies.

Website: www.leapstellenbosch.org.za
Contact person: Prof Johan Fourie
E-mail address: leap@sun.ac.za

Appendix A

Undergraduate prerequisite, corequisite and prerequisite pass modules

PP - Prerequisite pass module

- A prerequisite pass module is a module that you must **pass** before you can take the module(s) for which it is a prerequisite pass module.

P - Prerequisite module

- A prerequisite module is a module in which you must obtain a **final mark of at least 40**, before you can take the module for which it is a prerequisite module. If you registered for a prerequisite module while it was examined by the "examination" assessment system, your **class mark** for it must be 40 for you to meet the prerequisite.
- If you have once complied with a prerequisite rule, your compliance will remain valid for the period given in the applicable assessment rules, even if you repeat the prerequisite module and do not meet the minimum level when repeating the module.
- *Please note:* You must **pass** all the modules you used as prerequisites in the programme before the relevant degree, certificate or diploma can be awarded to you.

C - Corequisite module

- A corequisite module is a module that you must register for in an **earlier semester** than the module for which it is a corequisite, **or in the same semester.**
- *Please note:* You must **pass** all the modules you used as corequisites in the programme before the relevant degree, certificate or diploma can be awarded to you.

Please note:

If (with or without permission) you enrol for a specific module in any academic year, while you do not meet its prerequisite, corequisite and prerequisite pass requirements, it does not necessarily follow that you will be allowed to do so again in a following academic year.

The tables below list, on the right, the prerequisite, corequisite and prerequisite pass modules for the modules on the left. The tables appear in **the same alphabetical order as in the chapter "Subjects, Modules and Module Contents"**, first by department and then by school or other unit.

Department of African Languages

Basic Xhosa 144	**P** Basic Xhosa 114

Department of Agricultural Economics

Agricultural Economics 242	**P** Economics 114
Agricultural Economics 314	**P** Agricultural Economics 242
Agricultural Economics 364	**P** Agricultural Economics 242

Department of Business Management

Entrepreneurship and Innovation Management 244	**P** Entrepreneurship and Innovation Management 214
Entrepreneurship and Innovation Management 318	**P** Entrepreneurship and Innovation Management 214 *or* Entrepreneurship and Innovation Management 244
Entrepreneurship and Innovation Management 348	**P** Entrepreneurship and Innovation Management 214 *or* Entrepreneurship and Innovation Management 244
Financial Management 214	**C** Business Management 113 **C** Business Management 142 *or* Mathematics 114 *or* Mathematics (Bio) 124
Financial Management 244	**C** Financial Management 214
Financial Management 314	**C** Financial Management 214 **C** Financial Management 244 *or* Investment Management 254
Financial Management 332	**C** Financial Management 214 **C** Financial Management 244 *or* Investment Management 254

Financial Management 352	**C** Financial Management 214 **C** Financial Management 244 *or* Investment Management 254
Financial Management 354	**C** Financial Management 214 **C** Financial Management 244 *or* Investment Management 254
Financial Planning 314	**C** Financial Management 214 **P** Investment Management 254
Financial Planning 344	**C** Financial Management 214 **C** Financial Planning 314 **P** Investment Management 254
Investment Management 254	**C** Business Management 113 **P** Business Management 142 **P** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Investment Management 314	**P** Investment Management 254 **PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Investment Management 324	**P** Investment Management 254 **PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Investment Management 344	**P** Investment Management 254 **PP** Statistics and Data Science 188 *or* **PP** Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Investment Management 349	**P** Investment Management 254 **P** Financial Management 214 *or* Financial Accounting 178 *or* Financial Accounting 188 **PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Management of Corporate Social Responsibility 314*	**P** Business Management 113
Marketing Management 214	**C** Business Management 113 **C** Financial Management 214 *or* Financial Accounting 278 *or* Financial Accounting 288 *or* Biometry 212
Marketing Management 244	**P** Marketing Management 214
Marketing Management 314	**P** Marketing Management 214
Marketing Management 324	**P** Marketing Management 214
Marketing Management 344	**P** Marketing Management 214 **P** Marketing Management 244 **P** Probability Theory and Statistics 144 *or* Statistics and Data Science 188
Marketing Management 354	**P** Marketing Management 214 **P** Marketing Management 244
Strategic Management 344*	**C** Business Management 113 *(not applicable if you are a Forest Science student)*

* If you are an international student and want to register for this module you need to present evidence of having successfully completed a sufficient number of Business Management-related modules at first, second and third-year levels.

Department of Economics

Behavioural Economics 441	**PP** Economics 318 **PP** Economics 388 **C** Microeconomics 441
Data Science Research in Behavioural Economics 471	**PP** Economics 311 **PP** Economics 388 **PP** Mathematical Statistics 312 **PP** Data Science 346
Econometrics 441	**PP** Economics 318 **PP** Economics 388
Economics 144	**C** Economics 114
Economics 217	**PP** Economics 114
Economics 271	**PP** Economics 114 **PP** Economics 144
Economics 246	**PP** Economics 114 **PP** Economics 144 **C** Economics 214 *or* Economics 217 *or* Economics 271
Economics 248	**PP** Economics 114 **PP** Economics 144 **C** Economics 214
Economics 281	**PP** Economics 114 *or* Economics 144 *or* Economics 288
Economics 318	**PP** Economics 214 **P** Economics 244
Economics 348	**PP** Economics 214 **P** Economics 244 **C** Economics 318
Economics 381	**P** Economics 214 *or* Economics 244 *or* Economics 281
Economics 388	**PP** Economics 214 **P** Economics 244 **C** Economics 318
Macroeconomics 441	**PP** Economics 318 **PP** Economics 388
Microeconomics 441	**PP** Economics 318 **PP** Economics 388

Department of Industrial Psychology

Industrial Psychology 314	**C** Industrial Psychology 144
Industrial Psychology 324	**C** Industrial Psychology 144

Department of Information Science

Organisational Informatics 318	**PP** Organisational Informatics 214 **PP** Organisational Informatics 244 *or* Computer Science 114
Organisational Informatics 348	**P** Organisational Informatics 318 **PP** Organisational Informatics 244 *or* Computer Science 114 *(If the prerequisite pass is met with Computer Science 144, then Computer Science 344 must be done alongside it)*

Department of Logistics

Advanced Linear Programming 441	**PP** Operations Research 244
Agent-based Modelling 471	**P** Computer Science 144 *or* Computer Science 143 *or* Computer Science 214 *or* Socio-Informatics 224 **P** Statistics 244 *or* Mathematical Statistics 246
Business Analytics 214	**PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Business Analytics 244	**PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144

Business Analytics 318	**PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Business Analytics 348	**PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144
Data Science Research in Analytics and Optimisation 471	**PP** Operations Research 314 **PP** Operations Research 344 **PP** Operations Research 352 **PP** Mathematical Statistics 312 **PP** Data Science 346
Game Theory 415	**P** Operations Research 352
Logistics and Supply Chain Management 214	**P** Business Management 113
Logistics and Supply Chain Management 244	**PP** Business Management 113 **P** Logistics and Supply Chain Management 214 *or* Introduction to Transport and Logistics Systems 144
Logistics and Supply Chain Management 314	**PP** Business Management 113 *(You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.)*
Logistics and Supply Chain Management 324	**P** Logistics and Supply Chain Management 214 *or* Logistics and Supply Chain Management 244 *or* Introduction to Transport and Logistics Systems 144 *(You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.)*
Logistics and Supply Chain Management 344	**PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 *(You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.)*
Logistics and Supply Chain Management 354	**P** Logistics and Supply Chain Management 314 **P** Logistics and Supply Chain Management 324 *(You may not take any third-year Logistics and Supply Chain Management modules in combination with Financial Accounting 389.)*
Metaheuristics 441	**PP** Operations Research 314
Methods of Operations Research 441	**PP** Operations Research 314 **PP** Operations Research 352 **PP** Operations Research 344
Operations Research 214	**P** Mathematics 114 **P** Mathematics 144
Operations Research 244	**P** Mathematics 114 **PP** Mathematics 144
Operations Research 314	**P** Operations Research 244 *or* **PP** Business Analytics 214 *and* Business Analytics 244 *(with an average final mark of at least 80% for the two together)* **C** Mathematics 114 **C** Mathematics 144
Operations Research 322	**PP** Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 *or* **PP** Business Analytics 214 *and* Business Analytics 244 *(with an average of at least 80% for the two together)* **C** Mathematics 114 **C** Mathematics 144
Operations Research 344	**C** Operations Research 244 *or* **PP** Business Analytics 214 *and* Business Analytics 244 *(with an average final mark of at least 80% for the two together)* **C** Mathematics 114 **C** Mathematics 144

Operations Research 352	**PP** Probability Theory *and* Statistics 114 *or* Probability Theory and Statistics 144 *or* **PP** Business Analytics 214 *and* Business Analytics 244 *(with an average final mark of at least 80% for the two together)* **C** Mathematics 114 **C** Mathematics 144
Project Management 314	*(You can enrol for this module only from your third year of study in Economic and Management Sciences).*
Systems Dynamics 441	**PP** Operations Research 314 **PP** Operations Research 352 **PP** Operations Research 344
Transport Economics 214	**P** Economics 114 **P** Economics 144
Transport Economics 244	**P** Transport Economics 214 **P** Economics 114 **P** Economics 144
Transport Economics 318	**PP** Economics 114 **PP** Economics 144 **PP** Transport Economics 214 **PP** Transport Economics 244
Transport Economics 348	**PP** Economics 114 **PP** Economics 144

Department of Mathematical Sciences, Computer Science Division

Computer Science 113	**C** Actuarial Science 112 **C** Mathematics 114
Computer Science 114	**C** Mathematics 114
Computer Science 144	**P** Computer Science 113 *or* Computer Science 114
Computer Science 214	**PP** Computer Science 144 **P** Mathematics 114
Computer Science 244	**P** Computer Science 214
Computer Science 313	**P** Computer Science 214 **P** Computer Science 244
Computer Science 314	**P** Computer Science 214 **P** Computer Science 244 *For programmes in Engineering:* **P** Computer Science E 214 **P** Computer Systems 245
Computer Science 315	**P** Computer Science 144 *or* Computer Science E 214 **P** Mathematical Statistics 245 and Mathematical Statistics 246 *or* Systems and Signals 344 **P** Mathematics 214 *or* Applied Mathematics 214 *or* Engineering Mathematics 214
Computer Science 343	**P** Computer Science 214 *For programmes in Engineering:* **P** Computer Science E 214 **P** Computer Systems 245
Computer Science 344	**P** Computer Science 214
Machine Learning 441	**PP** Computer Science 144 **PP** Mathematical Statistics 245 **PP** Mathematical Statistics 246

Department of Mathematical Sciences, Applied Mathematics Division

Applied Mathematics 144	**P** Mathematics 114 **C** Mathematics 144

Departement of Mathematical Sciences, Mathematics Division

Financial Mathematics 378	**PP** Mathematics 214 **PP** Mathematics 244 **P** Mathematical Statistics 214 **P** Mathematical Statistics 245 **P** Mathematical Statistics 246
Mathematics 114	*If you wish to take this module, you must have achieved a mark of at least 6 (or 70%) for Mathematics in the NSC or the IEB's school-leaving certificate.*
Mathematics 144	**P** Mathematics 114
Mathematics 214	**PP** Mathematics 114 **PP** Mathematics 144
Mathematics 244	**P** Mathematics 214
Mathematics 314	**PP** Mathematics 214 **PP** Mathematics 244
Mathematics 324	**PP** Mathematics 214 **PP** Mathematics 244
Mathematics 344	**PP** Mathematics 214 **PP** Mathematics 244 *or equivalent modules*
Mathematics 345	**PP** Mathematics 114 **PP** Mathematics 144 *or equivalent modules*
Mathematics 365	**PP** Mathematics 214 **PP** Mathematics 244

Department of Mercantile Law

Mercantile Law (Acc) 292	**P** Mercantile Law (Acc) 193
Mercantile Law (Commerce) 253	**PP** Mercantile Law (Acc) 193

Note: For more information on the modules offered by the Faculty of Law, see the Yearbook part for the Faculty of Law.

Department of Psychology

Psychology 213	**PP** Psychology 114 **PP** Psychology 144
Psychology 223	**PP** Psychology 114 **PP** Psychology 144
Psychology 243	**PP** Psychology 114 **PP** Psychology 144
Psychology 253	**PP** Psychology 114 **PP** Psychology 144
Psychology 314	Three of the prerequisite pass modules listed below: **PP** Psychology 213 **PP** Psychology 223 **PP** Psychology 243 **PP** Psychology 253
Psychology 324	Three of the prerequisite pass modules listed below: **PP** Psychology 213 **PP** Psychology 223 **PP** Psychology 243 **PP** Psychology 253
Psychology 348	Three of the prerequisite pass modules listed below: **PP** Psychology 213 **PP** Psychology 223 **PP** Psychology 243 **PP** Psychology 253

Department of Statistics and Actuarial Science

Actuarial Science 142	**PP** Mathematics 114 with a final mark of at least 60% *or* Mathematics 114 and Mathematics 144, with an average final mark of at least 60% for the two modules together **PP** Actuarial Science 112 **C** Probability Theory and Statistics 144
Actuarial Science 211	**PP** Actuarial Science 112 **PP** Probability Theory and Statistics 144 with a final mark of at least 65% **PP** Mathematics 114 *and* Mathematics 144, with an average final mark of at least 60% for the two modules together, *or* Mathematics 214 with a final mark of at least 55% **C** Mathematics 214 **C** Mathematical Statistics 214
Actuarial Science 241	**PP** Actuarial Science 112 **PP** Actuarial Science 211 **PP** Mathematical Statistics 214 **PP** Probability Theory and Statistics 144 with a final mark of at least 65% **PP** Mathematics 114 *and* Mathematics 144, with an average final mark of at least 60% for the two modules together, *or* Mathematics 214 with a final mark of at least 55% **PP** Mathematics 214 **C** Actuarial Science 142 **C** Mathematics 244 **C** Mathematical Statistics 245 **C** Mathematical Statistics 246
Actuarial Science 311	**PP** Actuarial Science 112 **PP** Actuarial Science 142 **PP** Actuarial Science 211 **PP** Actuarial Science 241 **PP** Mathematical Statistics 214 **PP** Mathematical Statistics 245 **PP** Mathematical Statistics 246 **PP** Mathematics 214 **PP** Mathematics 244
Actuarial Science 341	**PP** Actuarial Science 112 **PP** Actuarial Science 142 **PP** Actuarial Science 211 **PP** Actuarial Science 241 **PP** Mathematical Statistics 214 **PP** Mathematical Statistics 245 **PP** Mathematical Statistics 246 **PP** Mathematics 214 **PP** Mathematics 244
Actuarial Science 371	**PP** Actuarial Science 112 **PP** Actuarial Science 142 **PP** Actuarial Science 211 **PP** Actuarial Science 241 **PP** Mathematical Statistics 214 **PP** Mathematical Statistics 245 **PP** Mathematical Statistics 246 **PP** Mathematics 214 **PP** Mathematics 244 **C** Actuarial Science 311 **C** Mathematical Statistics 312 **C** Mathematical Statistics 316 **C** Mathematical Statistics 344 **C** Mathematical Statistics 364

Bayesian Statistics 441	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364
Data Science 241	**PP** Data Science 141 **PP** Mathematical Statistics 214 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 with a final mark of at least 60% **P** Mathematical Statistics 214
Data Science 316	**PP** Data Science 241 **C** Mathematical Statistics 312
Data Science 346	**P** Data Science 316 or Data Science 344 **P** Mathematical Statistics 312
Data Science Research in Statistical Learning 471	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364 **PP** Data Science 346
Engineering Statistics 314	**PP** Engineering Mathematics 115 **PP** Engineering Mathematics 145
Financial Risk Management 212	**PP** Mathematics 114 **PP** Mathematics 144 **PP** Probability Theory and Statistics 144 **PP** Actuarial Science 112 **C** Mathematical Statistics 214
Financial Risk Management 242	**PP** Mathematics 114 **PP** Mathematics 144 **PP** Probability Theory and Statistics 144 **PP** Actuarial Science 112 **P** Financial Risk Management 212 **C** Mathematical Statistics 214 **C** Mathematical Statistics 245 **C** Mathematical Statistics 246
Financial Risk Management 252	**PP** Actuarial Science 112 **PP** Mathematics 114 **PP** Mathematics 144 **PP** Probability Theory and Statistics 144 **C** Financial Risk Management 242 **C** Mathematics 214 **C** Mathematical Statistics 214
Financial Risk Management 314	**PP** Financial Risk Management 212 **PP** Financial Risk Management 242 **PP** Mathematics 214 **PP** Mathematical Statistics 214
Financial Risk Management 344	**C** Financial Risk Management 314
Introduction to Statistical Learning 441	**PP** Mathematical Statistics 312 **PP** Data Science 346 or Data Science 314
Mathematical Statistics 214	**PP** Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 **PP** Mathematics 114 *and* Mathematics 144, with an average mark of at least 60% for the two together, *or* Mathematics 214 with a final mark of at least 55% *(If you passed Engineering Mathematics 115 and Engineering Mathematics 145 with an average mark of at least 60% for the two together, or Engineering Mathematics 214 with a final mark of least 55% you are exempt from this prerequisite pass.)*
Mathematical Statistics 245	**PP** Mathematical Statistics 214
Mathematical Statistics 246	**PP** Mathematical Statistics 214

Mathematical Statistics 312	**PP** Mathematical Statistics 245 **P** Mathematical Statistics 246 with a final mark of at least 40% **P** Mathematics 214 *or* Engineering Mathematics 214
Mathematical Statistics 316	**PP** Mathematical Statistics 246 **P** Mathematical Statistics 245 with a final mark of at least 40% **P** Mathematics 214 *or* Engineering Mathematics 214
Mathematical Statistics 344	**P** Mathematical Statistics 312 **P** Mathematical Statistics 316
Mathematical Statistics 364	**P** Mathematical Statistics 312 **P** Mathematical Statistics 316
Mathematical Statistics for Data Science 442	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364
Multivariate Statistical Analysis A 441	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364
Multivariate Statistical Analysis B 441	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364 **PP** Multivariate Statistical Analysis A 441
Statistics 214	**PP** Statistics and Data Science 188 *or* Probability Theory and Statistics 114 *or* Probability Theory and Statistics 144 **C** Statistics 224 *(If you have passed Mathematics 114 or Mathematics 144 or Engineering Mathematics 115 or Engineering Mathematics 145, you are exempt from this module.)*
Statistics 224	**PP** Statistics and Data Science 188
Statistics 244	**PP** Statistics 214 **P** Statistics 224 *(If you have passed Mathematics 114 or Mathematics 144 or Engineering Mathematics 115 or Engineering Mathematics 145, you are exempt from this module.)*
Statistics 318	**PP** Statistics 214 **PP** Statistics 224 *(If you have passed Mathematics 114 or Mathematics 144 or Engineering Mathematics 115 or Engineering Mathematics 145, you are exempt from this module.)* **PP** Statistics 244 *or* **PP** Mathematical Statistics 214 **PP** Mathematical Statistics 245 **PP** Mathematical Statistics 246
Statistics 348	**P** Statistics 318
Stochastics Simulation 441	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364
Time Series Analysis 441	**PP** Mathematical Statistics 312 **PP** Mathematical Statistics 316 **PP** Mathematical Statistics 344 **PP** Mathematical Statistics 364

School of Accountancy

Auditing 288	**P** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179
Auditing 378	**P** Auditing 288 **C** Financial Accounting 278 *or* Financial Accounting 288
Auditing 388	**P** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179
Digital- and Leadership Acumen 152	**PP** Information Systems 144 *or* Digital- and Leadership Acumen 122
Digital- and Leadership Acumen 245	**PP** Information Systems 144 *or* **PP** Digital- and Leadership Acumen 122 *and* Digital- and Leadership Acumen 152
Digital- and Leadership Acumen 246	**PP** Financial Accounting 178 *or* Financial Accounting 179 *or* Financial Accounting 188 **P** Information Systems 114 *or* Digital- and Leadership Acumen 142 **P** Information Systems 144 *or* Digital- and Leadership Acumen 122 **P** Digital- and Leadership Acumen 152
Digital- and Leadership Acumen 312	**PP** Information Systems 144 *or* **PP** Digital- Leadership Acumen 122 *and* Digital- Leadership Acumen 152 **P** Auditing 288 **C** Management Accounting 278
Digital- and Leadership Acumen 352	**PP** Information Systems 312 *or* Digital- and Leadership Acumen 312 *or* Digital- and Leadership Acumen 324 **P** Management Accounting 278
Financial Accounting 278	**PP** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179 *(For Financial Accounting 188 and 179 you must pass an internal Financial Accounting 178 test as required by the School.)*
Financial Accounting 288	**PP** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179
Financial Accounting 379	**PP** Financial Accounting 278 *or* Financial Accounting 389 *(In the case of Financial Accounting 389, you must achieve a final mark of 60%)*
Financial Accounting 389	**PP** Financial Accounting 278 *or* 288 *(You may not take any third-year Logistic Management modules in combination with Financial Accounting 389.)*
Management Accounting 278	**PP** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179 *(For Financial Accounting 188 and 179 you must pass an internal Financial Accounting 178 test as required by the School.)* **C** Financial Accounting 278 or Financial Accounting 288
Management Accounting 288	**PP** Financial Accounting 188 or Financial Accounting 179 *or* **P** Financial Accounting 178
Management Accounting 378	**PP** Financial Accounting 278 *or* Management Accounting 388 *(In the case of Management Accounting 388, you must achieve a final mark of 60%.)* **P** Management Accounting 278 *(This prerequisite module does not apply if you have passed Management Accounting 388.)*

Management Accounting 388	**P** Management Accounting 278 *or* Management Accounting 288
Portfolio of Evidence: Accountancy 378	**C** Financial Accounting 379
Taxation 298	**PP** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179 *(For Financial Accounting 188 and 179 you must pass an internal Financial Accounting 178 test as required by the School.)* **C** Financial Accounting 278
Taxation 388	**PP** Financial Accounting 178 *or* Financial Accounting 188 *or* Financial Accounting 179
Taxation 399	**PP** Financial Accounting 278 **P** Taxation 298

School of Public Leadership

Entrepreneurship Incubator 148	**P** Research Approaches 131 **P** Business Plans and Strategies 121
Public and Development Management 314	**PP** Public and Development Management 114 **PP** Public and Development Management 144 **PP** Public and Development Management 212 **PP** Public and Development Management 222 **PP** Public and Development Management 242 **PP** Public and Development Management 252
Public and Development Management 324	**PP** Public and Development Management 114 **PP** Public and Development Management 144 **PP** Public and Development Management 212 **PP** Public and Development Management 222 **PP** Public and Development Management 242 **PP** Public and Development Management 252
Public and Development Management 348	**PP** Public and Development Management 114 **PP** Public and Development Management 144 **PP** Public and Development Management 212 **PP** Public and Development Management 222 **PP** Public and Development Management 242 **PP** Public and Development Management 252
Social Entrepreneurship 149	**P** Sustainability in the Digital Age 111
Social Entrepreneurship 278	**PP** Social Entrepreneurship 177 **PP** Social Entrepreneurship 278
Strategic Communication 278	**PP** Strategic Communication 177
Strategic Communication 379	**PP** Strategic Communication 177 **PP** Strategic Communication 278
Sustainable Design 278	**PP** Sustainable Design 177
Public and Development Management 348	**PP** Public and Development Management 114 **PP** Public and Development Management 144 **PP** Public and Development Management 212 **PP** Public and Development Management 222 **PP** Public and Development Management 242 **PP** Public and Development Management 252
Regenerative Leadership 379	**PP** Regenerative Leadership 177 **PP** Regenerative Leadership 278
Social Entrepreneurship 278	**PP** Social Entrepreneurship 177
Social Entrepreneurship 379	**PP** Social Entrepreneurship 177 **PP** Social Entrepreneurship 278
Strategic Communication 278	**PP** Strategic Communication 177
Strategic Communication 379	**PP** Strategic Communication 177 **PP** Strategic Communication 278
Sustainable Design 278	**PP** Sustainable Design 177

Appendix B

Module-specific information for transferring between undergraduate programmes

The table below shows module-specific information that is relevant if you should transfer (articulate) from one undergraduate programme to another.

Module-specific information	Practical application
Actuarial Science 112 and Theory of Interest 142	If you articulate from a BCom (Mathematical Sciences), BCom (Economic Sciences) or BCom (Actuarial Science) where you passed Actuarial Science 112, to BCom (Management Sciences), BCom (International Business), BAcc, BAccLLB, BCom (Financial Accounting) or BCom (Management Accounting), where Theory of Interest 142 is required, you are exempted from taking Theory of Interest 142.
Auditing 288 and Auditing 388	If you articulate from a BAcc, BAccLLB or BCom (Financial Accounting) where you passed Auditing 288, to BCom (Management Accounting), where Auditing 388 is required, you are exempted from taking Auditing 388.
Business Ethics 214 and Legal Ethics 214	If you articulate from a BAccLLB, where you passed Legal Ethics 214, to BAcc, where Business Ethics 214 is required, you are exempted from taking Business Ethics 214.
Computer Science 113 and Computer Science 114	If you choose to change your module combinations in the second semester of the first year of BCom (Mathematical Science), then Computer Science 114 is considered to be equivalent to Computer Science 113.
Computer Science 114 or 144, and Information Systems 112	If you articulate from a programme where you passed Computer Science 114 or 144 to BCom (International Business) where Information Systems 112 is required, you are exempted from taking Information Systems 112.
Computer Science 113, 114 or 144, and Information Systems 112	If you articulate from a programme where you passed Computer Science 113, Computer Science 114 or Computer Science 144 to a programme where Information Systems 112 is required, you are exempted from taking Information Systems 112.
Digital- and Leadership Acumen 112 and 122, and Information Systems 112	If you articulate from a programme where you passed both Digital- and Leadership Acumen 112 and 122 to BCom (Management Sciences) or BCom (International Business) where Information Systems 112 is required, you are exempted from taking Information Systems 112. If you articulate from a programme where you passed Information Systems 112, to BAcc, BAccLLB, BCom (Management Accounting) or BCom (Financial Accounting), where Digital- and Leadership Acumen 112 and 122 are required, you must still register for Digital- and Leadership Acumen 112 and 122.
Mathematics 114 and 144, and Statistics 224	If you articulate from a programme where you passed Mathematics 114 and Mathematics 144 to a programme where Statistics 224 is required, you are exempted from taking Statistics 224.

Mercantile Law (Acc) 193 and Mercantile Law (Commerce) 285	If you articulate from a BAcc, where you passed Mercantile Law (Acc) 193, to BCom (Management Accounting) or BCom (Financial Accounting), where Mercantile Law (Commerce) 285 is required, you are exempted from taking Mercantile Law (Commerce) 285, but you must still register for Mercantile Law (Commerce) 253. If you articulate from a programme where you passed Mercantile Law (Commerce) 285, to BAcc, where Mercantile Law (Acc) 193 is required, you must register for Mercantile Law (Acc) 193. If you articulate from BAccLLB to BAcc, you are required to register for Mercantile Law (Acc) 193. If you articulate from BAccLLB to BCom (Management Accounting) or BCom (Financial Accounting), you are required to register for Mercantile Law (Commerce) 285.
Mercantile Law (Acc) 292 and Mercantile Law (Commerce) 253	If you articulate from a BAcc where you passed Mercantile Law (Acc) 292, to BCom (Management Accounting) or BCom (Financial Accounting), you are exempted from taking Mercantile Law (Commerce) 253. If you articulate from a programme where you passed Mercantile Law (Commerce) 253, to BAcc, where Mercantile Law (Acc) 292 is required, you must register for Mercantile Law (Acc) 292. BAccLLB students who articulate to BAcc are required to register for Mercantile Law (Acc) 292.
Probability Theory and Statistics 114 or 144, and Statistics and Data Science 188	If you articulate from a BCom (Mathematical Sciences), BCom (Economic Sciences) or BCom (Actuarial Science), where you passed Probability Theory and Statistics 114 or 144, to a BCom (Management Sciences) or BCom (International Business) where Statistics and Data Science 188 is required, you are exempted from taking Statistics and Data Science 188. If you articulate from a programme where you passed Probability Theory and Statistics 114 or 144 to a BAcc, BAccLLB, BCom (Management Accounting) or BCom (Financial Accounting), where Statistics and Data Science 188 is required, you will only be exempted from taking Statistics and Data Science 188 if you also passed Mathematics 114.

Appendix C

Transferring (articulating) between BDatSci focal areas

The BDatSci programme is offered in the faculties of Economic and Management Sciences, Science, AgriSciences and Arts and Social Sciences. You can transfer between focal areas within the BDatSci programme during each of the four years (that is. mid-year) or at the beginning of each year. A transfer is possible, provided that you meet the prerequisite pass, prerequisite and corequisite module requirements for the compulsory and elective modules in the new focal area.

The opportunity to transfer between BDatSci focal areas without adding additional study years or extra modules to the degree (if all the conditions are met as described above) exists only up to the end of year 2. Because of the research component and required foundational knowledge, it is not possible to transfer between BDatSci focal areas after the third year or during the third or fourth year without extending the programme. If you wish to transfer between the BDatSci focal areas at the end of year 3 (or during year 3 or 4), you will have to register for and complete additional modules, which will result in a study period exceeding four years. If you want to transfer in year 3 or year 4, the concessions outlined in tables 1 and 2 still apply.

Please note that you will not be considered for this process if the purpose of the transfer is to adhere to HEMIS requirements.

Submit your application to transfer between focal areas within the BDatSci programme to the programme leader of BDatSci **before the last day of registration of the new academic year** by emailing datascience@sun.ac.za.

The following are the compulsory first-year modules for all focal areas (96 credits):

- Computer Science 113(16) or 114(16)
- Computer Science 144(16)
- Data Science 141(16)
- Mathematics 114(16)
- Mathematics 144(16)
- Probability Theory and Statistics 114(16) or 144(16)

Table 1 summarises the modules that are recognised in place of the first-year elective modules in the focal area to which you wish to transfer. You must pass these elective modules to receive the relevant credits, before you can transfer, and you must keep to the number of first-year credits required for each focal area. Only focal areas that lend themselves to articulation (transferring between focal areas) in BDatSci are listed in Table 1.

Table 1: Elective modules and credits

New focal area with total number of credits	Electives in the new focal area (as listed in the yearbook)	Electives and credits recognised as replacement for those in the new focal area
Analytics and Optimisation (120) Faculty of Economic and Management Sciences	Actuarial Science 112(8) *and* Applied Mathematics 144(16) **Or** Economics 114(12) *and* Economics 144(12)	*At least 16 credits from:* Biology 124(16) Physics 114(16) Physics 144(16) Mathematics 154(16)
Statistical Learning (120) Faculty of Economic and Management Sciences	Actuarial Science 112(8) *and* Applied Mathematics 144(16) **Or** Economics 114(12) *and* Economics 144(12)	*At least 16 credits from:* Biology 124(16) Physics 114(16) Physics 144(16) Mathematics 154(16)
Applied Mathematics (120/128) Faculty of Science	Actuarial Science 112(8) **Or** Physics 114(16)	*At least 12 credits from:* Biology 124(16) Economics 114(12)
Computer Science (120) Faculty of Science	Actuarial Science 112(8) *and* Mathematics 154(16)	*At least 12 credits from:* Biology 124(16) Economics 114(12) Economics 144(12) Physics 114(16) Physics 144(16) Applied Mathematics 144(16)

New focal area with total number of credits	Electives in the new focal area (as listed in the yearbook)	Electives and credits recognised as replacement for those in the new focal area
Statistical Genetics (128) Faculty of AgriSciences	Applied Mathematics 144(16)	*At least 12 credits from:* Economics 114(12) Economics 144(12) Physics 114(16) Physics 144(16) Mathematics 154(16)
GeoInformatics (120/128) Faculty of Arts and Social Sciences	Actuarial Science 112(8) *and* Applied Mathematics 144(16) **Or** Physics 114(16) *and* Mathematics 154(16)	*At least 12 credits from:* Biology 124 (16) Economics 114(12) Economics 144(12) Physics 144(16)

Please note:

Any modules from the new focal area that are not listed in the middle column of Table 1, are also regarded as compulsory modules for that focal area, together with the compulsory BDatSci modules of 96 credits.

The following are compulsory second-year modules for all focal areas (80 credits):

- Computer Science 214(16)
- Data Science 241(16)
- Mathematics 214(16)
- Mathematical Statistics 214(16)
- Mathematical Statistics 245(8)
- Mathematical Statistics 246(8)

Table 2 summarises the modules that are recognised in place of the second-year elective modules in the focal area to which you wish to transfer. You must pass these elective modules to receive the relevant credits, before you can transfer, and you must keep to the required number of second-year credits required for each focal area. Only focal areas that lend themselves to articulation (transferring between focal areas) in BDatSci are listed in Table 2.

Please note that if you wish to change to the focal area Computer Science, Computer Science 244 is compulsory.

Table 2: Elective modules and credits

New focal area with total number of credits	Electives in the new focal area (as listed in the yearbook)	Electives and credits recognised as replacement for those in the new focal area
Statistical Learning (128) Faculty of Economic and Management Sciences	Operations Research 214(16) *and* Mathematics 244(16)	*At least 16 credits from:* Applied Mathematics 214(16) Applied Mathematics 244(16) Economics 214(16) Economics 244(16) Genetics 214(16) Genetics 244(16) Geographical Information Technology 211(16) Geographical Information Technology 241(16) Physics 214(16) Physics 244(16)

New focal area with total number of credits	Electives in the new focal area (as listed in the yearbook)	Electives and credits recognised as replacement for those in the new focal area
Computer Science (128) Faculty of Science	Operations Research 214(16) *and* Mathematics 244(16)	*At least 16 credits from:* Applied Mathematics 214(16) Applied Mathematics 244(16) Economics 214(16) Economics 244(16) Genetics 214(16) Genetics 244(16) Geographical Information Technology 211(16) Geographical Information Technology 241(16) Physics 214(16) Physics 244(16)

What happens to these concessions if you transfer after year 2?

The concessions outlined in Tables 1 and 2 still apply if you transfer between focal areas after year 2. However, transferring between BDatSci focal areas after year 3 (or during year 3 or 4), will result in your having to register for additional compulsory and elective modules. This will add further years of study to your BDatSci programme.

Circumstances in which these concessions become invalid or change

- If you fail any module(s) in years 1 and 2 and want to transfer to a different focal area, you must follow all the prescribed modules of the new focal area.
- If you have failed any of the second-year modules in the original focal area and want to transfer to either Computer Science or Statistical Learning as your new focal area, you must also register for Mathematics 244, together with the modules you must repeat.
- For the BDatSci degree to be awarded to you in the relevant faculty, you must always adhere to the minimum number of required credits over the four years of your chosen focal area (see faculty yearbooks). The focal area will be indicated on your academic transcript.

Appendix D

Undergraduate module requirements for postgraduate programmes

The table below shows the minimum module requirements for admission to certain postgraduate programmes. Review this table to determine whether you meet the requirements for the postgraduate programme you wish to follow. Having passed the relevant modules, does not guarantee that you will be admitted to the relevant postgraduate programme. Each programme may have further specific selection criteria, and these may vary depending on the pool of applications for the programme. This table is therefore meant merely as a guideline to help you choose your undergraduate modules. It is ordered alphabetically.

PGDip (Accounting)	• Weighted average final mark of 58% for: o Financial Accounting 379; o Management Accounting 378; o Auditing 378 and o Taxation 399 *or* • Weighted average final mark of 53% for: o Financial Accounting 379; o Management Accounting 378; o Auditing 378 and o Taxation 399 *and* • A final mark of 53% for Financial Accounting 379
BAccHons	• Weighted average final mark of 70% for: o Financial Accounting 379; o Management Accounting 378; o Auditing 378 and o Taxation 399
BComHons (Actuarial Science)	• A BCom (Actuarial Science) or equivalent degree with Actuarial Science and Mathematical Statistics as majors; and • Passes in university modules equivalent to at least six of the seven foundation and intermediate technical subjects of the Actuarial Society of South Africa (or core principles subjects of the Institute and Faculty of Actuaries); and • Exemptions from (or passes in the profession's examinations for) at least five of the foundation technical and intermediate technical examinations of the Actuarial Society of South Africa (or core principles examinations of the Institute and Faculty of Actuaries). Your five subjects must include at least A211 or A213 (CM1). *Please note:* 1. If you did not complete your bachelor's degree in the minimum time of three years, you must have an additional exemption for each additional year. 2. If you only have four exemptions (after a three-year bachelor's) or five exemptions (after a four-year bachelor's) you may be considered for an extended (two-year) honours programme. 3. It is expected that you should have an average mark for both third- year Actuarial Science and third-year Mathematical Statistics of at least 60%.
BComHons (Business Management with specialisation areas) *	
* *Please note:* You must obtain a minimum average of 60% to be considered for the honours programme, regardless of the number of credits specified for each specialisation area.	
Financial Analysis	• Average of 65% for the 48 credits from Investment Management 314(12), 324(12), 344(12), 349(12). • Financial Management 314 and 332 are prerequisite pass modules for Advanced Financial Management 713 and Value-based Financial Management 771.

Financial Management	• Financial Management 314(12), 332(12), 352(12), 354(12)* • Financial Management (Research) 352(12) is a prerequisite pass module for BComHons (Business Management: Specialisation in Financial Management 778)
Marketing Management	• Marketing Management 314(12), 324(12), 344(12), 354(12)* • Marketing Management (Marketing Research) 344(12) is a prerequisite pass module for BComHons (Business Management: Specialisation in Marketing Management 778). • Consumer Behaviour 224(16) is a prerequisite pass module for Consumer Psychology 721.
Strategy and Innovation	• Entrepreneurship and Innovation Management 318(24), 348(24) and Strategic Management 344(12)* • Strategic Management 344 is a pass requirement. • Financial Management (Research) 352(12) *or* Marketing Management (Marketing Research) 344(12) is a prerequisite pass module for BComHons (Business Management: Specialisation in Strategy and Innovation 778)
BComHons (Economics)	• Bachelor's degree with minimum pass requirement of 60% in Economics 318 and 348. • Minimum 60% pass requirement in the intensive Mathematics course that precedes the formal honours programme. • Grade 12 Mathematics at least 60%.
BComHons (Economics and Mathematical Statistics)	• Selection to the BComHons in Economics and Mathematical Statistics has to be made by both the Department of Economics (minimum pass requirement of 65% in Economics 318 and 348) and the Department of Statistics and Actuarial Science (minimum pass requirement of 65% in final year major in Mathematical Statistics). • Grade 12 Mathematics at least 70%.
BComHons (Financial Risk Management)	• Minimum pass requirement of 60% in Financial Risk Management 314 and 344.
BComHons (Human Resource Management)	• BCom (Human Resource Management) required modules: Industrial Psychology 114, 144, 214, 224, 252, 262, 314, 324, and 348. • An average of 65% for Industrial Psychology 314, 324, and 348 with a minimum mark of 60% for each module.
BComHons (Industrial Psychology)	Depending on the qualification completed before: • Psychology modules up to third-year level • Industrial Psychology modules up to third-year level • Business Management modules up to third-year level • An average of 65% in Industrial Psychology 314, 324, 348
BComHons (Logistics Management)	• Minimum pass requirement of 60% for Logistics and Supply Chain Management at third-year level.
BComHons (Management Accounting)	• Minimum pass requirement of 57% in Financial Accounting 389 and Management Accounting 388 *or* • Minimum pass requirement of 53% in Financial Accounting 379 and 57% in Management Accounting 378.
BComHons (Mathematical Statistics)	• Minimum pass requirement of 65% for Mathematical Statistics at third-year level.
BComHons (Mathematical Statistics: Focus on Data Science)	• Minimum pass requirement of 65% average in Mathematical Statistics at third-year level and a satisfactory average for Computer Science at second-year level.
BComHons (Operations Research)	• Operations Research 244(16) is a prerequisite for Advanced Linear Programming 712. • Operations Research 344(16) must be passed, for admission to Game Theory 743. • Probability Theory and Statistics 144(16) and Operations Research 352(16) are prerequisites for Inventory Control 742. • Operations Research 352(16) *or* Introductory Forecasting 723 is a prerequisite for Forecasting 753.

BComHons (Public and Development Management)	• Public and Development Management on first-, second- and third-year level. • At least 60% for Public and Development Management at third-year level. • A pass marks in all three of the following: • Administrative Law • Orientation to Research Methods and Writing Skills for Public and Development Management • Computer Skills in Public and Development Management.
BComHons (Statistics)	• Minimum pass requirement of 65% in Statistics at third-year level. • Must be completed in three years. If not, you must repeat the compulsory modules.
BComHons (Transport Economics)	• Minimum pass requirement of 60% in Transport Planning and Evaluation 318(24) and Transport Modal Economics and Management 348(24). • Transport Planning and Evaluation 318(24) and Transport Modal Economics and Management 348(24) are prerequisites for Urban and Regional Transport Economics 742, Transport and Economic Development 711, Air Transport Economics 742 and Maritime Economics 773. • Transport Planning and Evaluation 318(24) and Transport Modal Economics and Management 348(24) *or* Economics 318(24) and 348(24) are prerequisites for Competition and Regulation 715. • Transport Planning and Evaluation 318(24) *or* Logistics Management 244(16) are prerequisites for Road Transport Management 744.

Alphabetical List of Undergraduate Subjects