

# 2020/21

Undergraduate faculty brochure

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UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

**Faculty of Economic and  
Management Sciences**

Fakulteit Ekonomiese en Bestuurswetenskappe  
Lefapha la Disaense tša Ekonomi le Taolo

*100*  
1920 - 2020  
*Advance*





## Message from the Dean

The Faculty of Economic and Management Sciences will be proudly celebrating its centenary in 2020. Our mission is to advance relevant knowledge and develop employable, innovative and diverse graduates to co-create value for society, and the key to our success lies in the emphasis we place on training a new generation of business leaders, entrepreneurs, managers and government officials who can maintain an innovative outlook in their respective working environments.

**Prof Elsabé Loots**  
**Dean: Faculty of Economic and Management Sciences**



The Faculty comprises eight departments, namely Accounting, Auditing, Taxation, Financial Management, Economics, Marketing Management, Human Resource Management and Business Management, and the School for Public Management and Administration.

Together the departments and school present all the BCom and BAdmin degrees offered by UP, as well as postgraduate programmes at the honours, master's and doctoral levels.

To assure you that you will make the right decision by choosing the University of Pretoria, I would like to highlight the following:

- UP employs highly qualified lecturers who are skilled in innovative teaching methods.
- UP offers state-of-the-art facilities and lecture halls.
- Students have the opportunity to interact in a highly diverse environment, which equips them well for the world of work.
- Approximately 85% of UP students are employed within a few months after graduation.
- UP was ranked in position 232 on the global Employer Reputation indicator of the 2019 *Quacquarelli Symonds (QS) World University Rankings*.
- In the *QS World University Rankings by Subject*, published in 2019, the Faculty was ranked in the 201–250 band for Accounting and Finance, and in the 301–350 band for Economics and Econometrics.
- In the 2019 *Times Higher Education (THE) World University Rankings by subject*, UP was ranked in the 301–400 band for Business and Economics, which includes business and management, accounting and finance, economics and econometrics, and public administration.
- The Faculty is a member of the international Association to Advance Collegiate Schools of Business (AACSB).

- The Faculty offers programmes that are accredited by the following national and international professional and statutory bodies: Association of Chartered Certified Accountants (ACCA), CFA Institute, Chartered Institute of Management Accountants (CIMA), European Logistics Association (ELA), Health Professions Council of South Africa (HPCSA), South African Board for People Practices (SABPP), South African Institute of Chartered Accountants (SAICA) and South African Institute of Tax Practitioners (SAIT).

The Faculty actively collaborates with several leading international institutions. Through these partnerships, students are able to participate in various exchange programmes and are exposed to the latest global trends in business education. They are also given numerous other opportunities to put theory into practice, which ensures that our graduates are well rounded and equipped to enter the world of work.

To ensure that our students maintain a balanced lifestyle, the University and the Faculty offer a wide range of social, cultural and sporting activities in which you can participate. Our eight student societies can assist you with your integration into Faculty and student life, and the Faculty Student Advisors are available to support you with problems related to academic performance.

For more information about the Faculty's academic offerings, please visit: [www.up.ac.za/bcom](http://www.up.ac.za/bcom).

We are looking forward to welcoming you as a UP student!

**Tel** +27 (0)12 420 2425  
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Scan this QR code to view detailed infographics about our programmes and the related career options or visit [www.up.ac.za/ems-graphics](http://www.up.ac.za/ems-graphics).

Produced by the Department of Enrolment and Student Administration in December 2019.  
Comments and queries can be directed to [ssc@up.ac.za](mailto:ssc@up.ac.za) or tel: +27 (0)12 420 3111.

**Disclaimer:** This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be effected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

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# Undergraduate programmes

## Important information on undergraduate programmes for 2021

- The closing date is an administrative admission guideline for non-selection programmes. Once a non-selection programme is full and has reached the institutional targets, then that programme will be closed for further admissions, irrespective of the closing date. However, if the institutional targets have not been met by the closing date, then that programme will remain open for admissions until the institutional targets are met.
- The following persons will be considered for admission: Candidates who are in possession of a certificate that is deemed by the University to be equivalent to the National Senior Certificate (NSC) with admission to bachelor's degree studies; candidates who are graduates from other tertiary institutions or have been granted the status of graduates of such institutions; and candidates who are graduates of another faculty at the University of Pretoria.
- Life Orientation is excluded when calculating the APS.

University of Pretoria website [www.up.ac.za/ems](http://www.up.ac.za/ems)  
National Benchmark Test website [www.nbt.ac.za](http://www.nbt.ac.za)

Programmes	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Accounting Sciences)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	6	B	34
<b>Careers:</b> First step towards qualifying as chartered accountants, external auditors, taxation professionals and advisors, and financial directors or managers					
<b>BCom (Investment Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	6	B	34
<b>Careers:</b> Portfolio/fund manager, investment analyst, risk manager/analyst, quantitative analyst, financial advisor/planner, wealth manager, investment strategist.					
<b>BCom (Financial Sciences)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	5	C	32
<b>Careers with a focus on:</b> <ul style="list-style-type: none"><li>▪ <b>Financial accounting:</b> Financial accountants, credit controllers, SAIPA (South African Institute of Professional Accountants) and ACCA (Association of Chartered Certified Accountants)</li><li>▪ <b>Financial management:</b> Management accountants, management consultants, financial advisors, cost accountants and financial managers</li><li>▪ <b>Taxation:</b> Tax advisors, tax auditors in public practice, tax policy designers, tax professionals, tax compliance managers, SARS auditors and tax risk managers</li><li>▪ <b>Internal auditing:</b> Internal auditors, risk officers, forensic auditors, IT auditors, performance auditors, environmental auditors, compliance officers, government auditors and governance auditors</li></ul>					
<b>BCom (Econometrics)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	6	B	32
<b>Careers:</b> Econometricians are employed by the government, the central bank, private and commercial banks, leading stockbrokers and consultancies, both locally and internationally. Positions include analysts, consultants, researchers, traders or brokers, and academics. The work mostly entails statistical analysis (forecasting, structural and policy analysis) of economic and financial markets and interrelationships.					
<b>BCom (Economics)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	5	C	32
<b>Careers:</b> Economists may specialise in banking, public finance, international trade and investment or economic development. They are employed by the government, the central bank, private and commercial banks, stock brokerage firms and consultancies, both locally and internationally. Positions include analysts, consultants, researchers, traders and academics.					
<b>BCom (Law)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	5	C	32
<b>Careers:</b> First step towards becoming attorneys, legal advisors, advocates, prosecutors, presiding officers (magistrates or judges) and academics in the legal field					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

# Undergraduate programmes

Programmes	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Statistics and Data Science)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	5	C	32
<b>Careers:</b> Data scientists, statistical analysts in several industries, researchers, consultants and lecturers					
<b>BCom (Informatics) Focus area: Information Systems</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> Managers in the information technology environment, computer software or hardware support services, computer systems analysts, financial information systems analysts, business analysts, information facilitators, IT training officers, systems developers, business systems analysts					
<b>BCom (Agribusiness Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	5	C	30
<b>Careers:</b> Agricultural economists and agribusiness managers at commercial banks, agribusinesses and other agricultural and food-oriented institutions, commodity traders on future markets on derivatives, working for producer organisations, as consultants, valuers, researchers or policymakers, or as managers and project managers in the above.					
<b>BCom</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> The degree does not lead to a specific vocational outcome but, to some extent, offers opportunities to determine your own career outcome. Students are able to compile their own curricula with a view to future work opportunities in all sectors.					
<b>BCom (Business Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> A wide variety of opportunities exist in the areas of administration, finance, marketing and human resources management, including employment as teachers, lecturers, general managers and management consultants.					
<b>BCom (Supply Chain Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> The purpose of this programme is to equip students with the ability to participate in functional management within an integrated supply chain. This includes supply management, production and operations management, warehousing, transport management and supply chain strategy.					
<b>BCom (Marketing Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> Product management, customer service management, customer relationship management, strategic marketing, sales management, brand management, advertising management, media planning, marketing research management and promotions management					
<b>BCom (Human Resource Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> Human resources practitioners, human resources consultants, mediators, labour relations specialists, human resources managers, personnel managers, training officers, liaison officers, psychometrists and industrial psychologists. In their capacity as human resources practitioners, graduates will be responsible for matters such as developing human resource strategies and policies, human resource planning, recruitment and selection of employees, training and development of staff, labour relations and personnel administration.					
<b>BCom – Extended programme</b> [4 years] Closing dates: SA – 30 September Non-SA – 31 August	4	D	3	E	26
<b>Note:</b> The first year of study is presented at the Mamelodi Campus. Admission to the second year of study at the Hatfield Campus is subject to selection.					
<b>Careers:</b> Career opportunities depend on the field of study chosen by students in their second year of study.					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

## Undergraduate programmes

Programmes	Minimum requirements for 2021*				APS
	Achievement level				
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BAdmin (Public Management and International Relations)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	Mathematics 3 or Mathematical Literacy 4	E	28
<b>Careers:</b> Diplomats, political analysts, managers in the public sector, local government and the private sector, non-governmental organisations, international organisations and embassies. Graduates are often employed in human resources sections and planning and general administrative divisions.					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

In order to register for a first bachelor's degree at the University of Pretoria, an applicant should have completed the National Senior Certificate or equivalent qualification and meet the minimum requirements for the relevant programme.

The calculation of an Admission Point Score (APS) is based on a candidate's achievement in any SIX recognised NSC 20-credit subjects. Achievement is measured by using the NSC seven-point rating scale. Life Orientation is a 10-credit subject and is excluded from the APS calculation. Life Orientation is also not a Faculty-specific subject requirement.

### National Senior Certificate (NSC) seven-point rating scale

Achievement level	Description	Percentage
7	Outstanding achievement	80–100%
6	Meritorious achievement	70–79%
5	Substantial achievement	60–69%
4	Adequate achievement	50–59%
3	Moderate achievement	40–49%
2	Elementary achievement	30–39%
1	Not achieved	0–29%

## National Benchmark Test (NBT)

Although the NBT is not compulsory for our programmes, all students are advised to write it. The NBT is especially valuable if students meet the minimum requirements by a very narrow margin. For example, you need a level 6 (70%+) mark in Mathematics to be accepted for BCom (Investment Management) studies, and your current mark is 70%.

If you do not obtain 70% in the NSC examinations, your NBT results will be considered and could ensure that you can still enrol for your degree of choice. Note that the Academic Literacy Test does not replace the NBT.

### Contact information

**Tel** +27 (0)21 650 3523

**Website** [www.nbt.ac.za](http://www.nbt.ac.za)

### International Cooperation Division

**Tel** +27 (0)12 420 3111

**Email** [ssc@up.ac.za](mailto:ssc@up.ac.za)

**Website** [www.up.ac.za/international-cooperation-division](http://www.up.ac.za/international-cooperation-division)





## Undergraduate programmes

### Contact details

Programmes	Departmental telephone	Student administration advisor	Telephone
BCom (Accounting Sciences)	+27 (0)12 420 3211	fhumulani.badugela@up.ac.za	+27 (0)12 420 2289
BCom (Investment Management)	+27 (0)12 420 3795	ronel.steenkamp@up.ac.za	+27 (0)12 420 3347
BCom (Financial Sciences)	+27 (0)12 420 3795	khomotso.matabane@up.ac.za	+27 (0)12 420 3064
BCom (Econometrics)	+27 (0)12 420 2423	mary.marakalala@up.ac.za	+27 (0)12 420 3336
BCom (Economics)	+27 (0)12 420 2423	mary.marakalala@up.ac.za	+27 (0)12 420 3336
BCom (Law)	+27 (0)12 420 2363	ronel.steenkamp@up.ac.za	+27 (0)12 420 3347
BCom (Statistics and Data Science)	+27 (0)12 420 3774	mary.marakalala@up.ac.za	+27 (0)12 420 3336
BCom (Informatics) Focus area: Information Systems	+27 (0)12 420 3798	lerato.krappie@up.ac.za	+27 (0)12 420 5387
BCom (Agribusiness Management)	+27 (0)12 420 3251	mary.marakalala@up.ac.za	+27 (0)12 420 3336
BCom		dire@up.ac.za	+27 (0)12 420 5278
BCom (Business Management)	+27 (0)12 420 2411	johannes.ngobeni@up.ac.za	+27 (0)12 420 5394
BCom (Supply Chain Management)	+27 (0)12 420 2411	johannes.ngobeni@up.ac.za	+27 (0)12 420 5394
BCom (Marketing Management)	+27 (0)12 420 3004	johannes.ngobeni@up.ac.za	+27 (0)12 420 5394
BCom (Human Resource Management)	+27 (0)12 420 4756	sibabalwe.qokose@up.ac.za	+27 (0)12 420 3328
BCom – Extended programme		dire@up.ac.za	+27 (0)12 420 5278
BAdmin (Public Management and International Relations)	+27 (0)12 420 4143	nellie.bahula@up.ac.za	+27 (0)12 420 5279

### Postgraduate programmes

The Faculty of Economic and Management Sciences offers postgraduate opportunities in numerous areas of specialisation. For more information, refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home), or visit [www.up.ac.za/bcom](http://www.up.ac.za/bcom).



## Undergraduate programmes

### BCom (Accounting Sciences)

(See page 11 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module on professional ethics.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Financial accounting*</li> <li>Financial management*</li> <li>Commercial law</li> <li>Informatics</li> <li>Economics</li> <li>Statistics</li> <li>Business management</li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Financial accounting*</li> <li>Financial management*</li> <li>Auditing*</li> <li>Taxation*</li> <li>Commercial law</li> <li>Informatics</li> <li>Communication management</li> </ul>	<ul style="list-style-type: none"> <li>Financial accounting*</li> <li>Financial management*</li> <li>Auditing*</li> <li>Taxation*</li> </ul>

\* The specialisation modules of the first- to third-years of study for BCom (Accounting Sciences) may be taken only by students who have been selected for this degree.

BCom (Accounting Sciences) is an accredited programme that forms part of the requirements for training as a chartered accountant (CA(SA)) and an auditor (RAA). The designations CA(SA) and RAA are the highest professional qualifications in accounting in South Africa and enjoy international recognition.

### BCom (Investment Management)

(See page 12 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Financial accounting</li> <li>Economics</li> <li>Statistics</li> <li>Informatics</li> <li>Business management</li> <li>Commercial law</li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Financial accounting</li> <li>Economics</li> <li>Investment management</li> <li>Mathematical statistics</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Financial accounting*</li> <li>Economics*</li> <li>Investment management</li> <li>Financial management</li> <li>Statistics*</li> </ul>

\* Students may select any three majors at the third-year level.

Those graduating with this degree tend to pursue the following professional qualifications: Chartered Financial Analyst (CFA®)\*\*, Certified Financial Planner (CFP®) and Chartered Alternative Investment Analyst (CAIA).

\*\* CFA Institute and CFA are registered trademarks of the CFA Institute.



### UP achieves top-class rating in the SAICA exams results

UP students clinched the first position in South Africa in the January 2019 Initial Test of Competence (ITC) of the South African Institute of Chartered Accountants (SAICA) with a pass rate of 94.1% and 97.1% when considering the combined pass rate of the January and June 2019 ITC. UP has, for the third year in a row (since 2017), achieved the first position in South Africa when combining the results of the January and June ITC examinations of this prestigious professional examination.



### Virtual reality enhances learning for UP Taxation students

Second-year Taxation students make use of virtual reality (VR) goggles during lectures to immerse themselves in real-life scenarios, allowing them to understand concepts in a practical manner without leaving the classroom. Using the VR goggles and a cell phone, students are able to view interactive computer-generated visuals in order to learn more about places such as Parliament, manufacturing plants and other business premises.



# Undergraduate programmes

## BCom (Financial Sciences)

(See page 13 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Financial accounting</li> <li>Informatics</li> <li>Statistics</li> <li>Economics</li> <li>Business management</li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Financial accounting</li> <li>Internal auditing</li> <li>Taxation</li> <li>Financial management</li> <li>Informatics</li> <li>Business law</li> </ul>	<ul style="list-style-type: none"> <li>Financial accounting*</li> <li>Internal auditing*</li> <li>Taxation*</li> <li>Financial management*</li> </ul>

\* Students choose any three majors at the third-year level.

Graduates with a BCom (Financial Sciences) degree tend to pursue the following professional qualifications: CIA (Certified Internal Auditor), CIMA (Chartered Institute of Management Accountants), SAIPA (South African Institute of Professional Accountants), ACCA (Association of Chartered Certified Accountants) and SAIT (South African Institute for Tax Professionals). The University of Pretoria is one of only nine universities in the world accredited as a Centre of Excellence in Internal Auditing—the highest level of accreditation awarded by the International Institute of Internal Auditors.

## BCom (Econometrics)

(See page 14 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS.

### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Economics</li> <li>Mathematical statistics</li> <li>Mathematics</li> <li>Financial accounting</li> <li>Business management</li> </ul>	<ul style="list-style-type: none"> <li>Economics</li> <li>Mathematical statistics</li> <li>Mathematics</li> <li>Informatics</li> <li>Communication management</li> </ul>	<ul style="list-style-type: none"> <li>Economics</li> <li>Mathematical statistics</li> </ul>

## BCom (Economics)

(See page 14 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Economics</li> <li>Statistics</li> <li>Business management</li> <li>Financial accounting</li> <li>Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Economics</li> <li>Statistics</li> <li>Business law</li> <li>Communication management</li> </ul>	<ul style="list-style-type: none"> <li>Economics</li> <li>Statistics</li> </ul>

## BCom (Law)

(See page 15 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management, jurisprudence and either English or Afrikaans.

### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Financial accounting</li> <li>Economics</li> <li>Business management</li> <li>Statistics</li> <li>Roman law</li> <li>Jurisprudence</li> <li>Law of persons</li> </ul>	<ul style="list-style-type: none"> <li>Consumer protection</li> <li>Law of contract</li> <li>Law of succession</li> <li>Specific contracts</li> </ul>	<ul style="list-style-type: none"> <li>Insolvency law</li> <li>Law of things</li> <li>Law of delict</li> <li>Entrepreneurial law</li> <li>Payment methods</li> </ul>

### Elective modules

(Refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home))

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Business management</li> <li>Informatics</li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Economics</li> <li>Financial management</li> <li>Financial accounting</li> <li>Taxation</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Economics</li> <li>Financial management</li> <li>Financial accounting</li> <li>Taxation</li> <li>Statistics</li> </ul>



## UP student clinches second place in Budget Speech competition

André Lourens, a BCom Honours student in Economics, won R40 000 in prize money when he took second place in the undergraduate category of the Nedbank and Old Mutual Budget Speech Competition. His essay assessed the systemic risks associated with cryptocurrencies and made appropriate regulatory recommendations. He said: 'The Budget Speech Competition was a truly inspiring event. I went to Cape Town to participate in the competition, not really knowing what to expect. I ended up meeting some of the brightest minds from universities across South Africa and formed meaningful friendships.'

## Undergraduate programmes

### BCom (Statistics and Data Science)

(See page 16 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Statistics <b>or</b> Mathematical statistics<sup>1,2</sup></li> <li>Economics</li> <li>Financial accounting</li> <li>Business management</li> </ul>	<ul style="list-style-type: none"> <li>Statistics <b>or</b> Mathematical statistics<sup>1,2</sup></li> <li>Communication management</li> </ul>	<ul style="list-style-type: none"> <li>Statistics <b>or</b> Mathematical statistics<sup>1,2</sup></li> </ul>

#### Elective modules

(Refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home))

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Mathematics<sup>1,2</sup></li> <li>Informatics</li> <li>Financial management<sup>1</sup></li> <li>Economics<sup>1</sup></li> <li>Computer science<sup>1,2</sup></li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics<sup>1,2</sup></li> <li>Informatics</li> <li>Agricultural economics</li> <li>Actuarial mathematics<sup>*1</sup></li> <li>Economics<sup>2</sup></li> <li>Financial accounting</li> <li>Introduction to moral and political philosophy</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics</li> <li>Agricultural economics</li> <li>Actuarial mathematics<sup>*1</sup></li> <li>Economics<sup>2</sup></li> <li>Financial accounting</li> </ul>

\* Refer to the prerequisites for Actuarial Mathematics in the online Yearbook ([www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home))

- Mathematical statistics students who also want to be trained for the insurance industry select these modules, among others, as part of their core and elective modules.
- Mathematical statistics students who also want to be trained in econometrics select these modules, among others, as part of their core and elective modules.

Other students choose modules from any other subject or faculty according to their own specific career requirements.

### BCom (Informatics)

#### Focus area: Information Systems

(See page 17 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for IT.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Informatics</li> <li>Financial accounting</li> <li>Economics</li> <li>Business management</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Informatics</li> <li>Mathematical Statistics</li> <li>Business law</li> <li>Community-based project</li> </ul>	<ul style="list-style-type: none"> <li>Informatics</li> </ul>

#### Elective modules

Choose one elective.

(Refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home))

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Marketing management</li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Marketing management</li> <li>Business management</li> <li>Internal auditing</li> <li>Statistics</li> <li>Financial accounting</li> <li>Taxation</li> </ul>	<ul style="list-style-type: none"> <li>Marketing management</li> <li>Business management</li> <li>Internal auditing</li> <li>Statistics</li> <li>Financial accounting</li> <li>Taxation</li> </ul>

The BCom (Informatics) Focus area: Information Systems degree is the only information systems programme offered in Africa that is accredited by the international Accreditation Board for Engineers and Technology (ABET).



### Informatics students scoop Women in IT Award

A team of BCom (Informatics) students won the Women in IT award sponsored by the Institute of Information Technology Professionals South Africa (IITPSA) for their final-year project. Students were required to develop an information system for a client, where they complete 10 deliverables throughout the year and present their project to industry during the Departmental Project Day. The winning team developed the Sapling System, a web- and mobile-based application that aims to provide a complete plant management solution to a nursery.

## Undergraduate programmes

### BCom (Agribusiness Management)

(See page 18 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Economics</li> <li>Statistics</li> <li>Business management</li> <li>Financial accounting</li> <li>Marketing management</li> </ul>	<ul style="list-style-type: none"> <li>Economics</li> <li>Statistics</li> <li>Business management</li> <li>Agricultural economics</li> <li>Communication management</li> <li>Business law</li> </ul>	<ul style="list-style-type: none"> <li>Economics</li> <li>Agricultural economics</li> </ul>

### BCom

(See page 19 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year
<ul style="list-style-type: none"> <li>Economics</li> <li>Financial accounting</li> <li>Commercial law (first-year level) <b>or</b> Business law (second-year level)</li> <li>Statistics <b>or</b> Mathematical statistics</li> <li>Business management</li> </ul>	<ul style="list-style-type: none"> <li>Business law</li> <li>Communication management</li> </ul>

#### Elective modules

(Refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home))

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Marketing management</li> <li>Industrial and organisational psychology</li> <li>Public administration</li> <li>Mathematics</li> <li>Informatics</li> <li>Informatics (accounting software)</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>Industrial and organisational psychology</li> <li>Public administration</li> <li>Statistics <b>or</b> Mathematical statistics <b>or</b> Mathematics</li> <li>Informatics</li> <li>Economics</li> <li>Financial accounting</li> <li>Taxation</li> <li>Financial management</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>Industrial and organisational psychology</li> <li>Public administration</li> <li>Statistics <b>or</b> Mathematical statistics <b>or</b> Mathematics</li> <li>Economics</li> <li>Financial accounting</li> <li>Taxation</li> <li>Labour relations</li> <li>Labour law</li> </ul>

### BCom (Business Management)

(See page 20 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>Financial accounting</li> <li>Statistics</li> <li>Economics</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>Financial management</li> <li>Business law</li> <li>Design thinking and business innovation</li> <li>Business creation</li> <li>Responsible management</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>International business management</li> <li>Business analytics</li> <li>Responsible leadership</li> <li>Human resource management</li> </ul>



#### Business Management students clean up to make EcoBricks

First-year students collected non-biodegradable waste, which they tightly packed into 2-litre plastic bottles to create EcoBricks. Turning plastic waste into green construction material is a way to keep plastic out of landfills and the ocean, providing a temporary means of protecting the environment until a permanent solution for reducing plastic pollution is found. The focus of the project was Sustainable Development Goal 12: Responsible Consumption and Production. The EcoBricks will be donated to the Faculty of Engineering, Built Environment and Information Technology where the Engineering students will use the bricks to complete a community-based project.



## Undergraduate programmes

### BCom (Supply Chain Management)

(See page 21 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>Financial accounting</li> <li>Informatics</li> <li>Statistics</li> <li>Economics</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Marketing management</li> <li>Supply chain management</li> <li>Financial management</li> <li>Communication management</li> <li>Business law</li> </ul>	<ul style="list-style-type: none"> <li>Business management</li> <li>Supply chain management</li> <li>International business management</li> </ul>

This programme is accredited by the European Logistics Association (ELA), based on the ELA Standards Level 4.

### BCom (Marketing Management)

(See page 22 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules in academic information management and academic literacy for EMS, and all second-year students take the module Introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Marketing management</li> <li>Business management</li> <li>Financial accounting</li> <li>Statistics</li> <li>Economics</li> </ul>	<ul style="list-style-type: none"> <li>Consumer behaviour</li> <li>Integrated brand communications</li> <li>Market offering</li> <li>Business management</li> <li>Communication management</li> <li>Financial management</li> <li>Business law</li> <li>Design thinking and business innovation</li> </ul>	<ul style="list-style-type: none"> <li>Marketing management</li> <li>Marketing research</li> <li>Personal selling and account management</li> <li>Integrated practical marketing project</li> <li>International business management</li> <li>Business analytics</li> </ul>



#### Real-life learning experiences create well-rounded students

BCom (Supply Chain Management) students have the opportunity to gain practical knowledge over and above the theoretical concepts that they learn in class. Regular visits to warehouses and distribution centres enable the students to understand and experience actual work environments.



#### Marketing students gain hands-on experience

The Department of Marketing Management regularly collaborates with world-class brands in order to give students hands-on experience in the various modules. Practical projects range from field work journeys to experiencing marketing from a professional perspective by developing integrated marketing communication plans for clients.



#### BAdmin students give back

The BAdmin@Tuks student society, which represents students from the School of Public Management and Administration (SPMA), regularly presents motivational sessions to high school learners. These sessions are aimed at giving learners information about the programmes offered at the University of Pretoria and inform them about the application process.

## Undergraduate programmes

### BCom (Human Resource Management)

(See page 23 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules in academic information management and academic literacy for EMS, and all second-year students take introduction to moral and political philosophy.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Industrial and organisational psychology</li> <li>Business management</li> <li>Economics</li> <li>Financial accounting</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Industrial and organisational psychology</li> <li>Business management</li> <li>Communication management</li> <li>Business law</li> </ul>	<ul style="list-style-type: none"> <li>Industrial and organisational psychology</li> <li>Business management</li> <li>Labour law</li> <li>Labour relations</li> </ul>

### BCom – Extended programme

The first year of study is offered at the Mamelodi Campus. This is the ideal starting point for students who are interested in studying towards a BCom degree in management and financial sciences. During October of their first year of study, students have to apply to be transferred to the Faculty of Economic and Management Sciences on the Hatfield Campus. Placement in BCom (Accounting Sciences) and BCom (Investment Management) cannot be guaranteed. All first-year modules must be passed before a student can be transferred to any of the BCom programmes.

#### Core modules (compulsory)

1st year	2nd to 4th year
<ul style="list-style-type: none"> <li>Academic information management</li> <li>Language, life and study skills</li> <li>Mathematics</li> <li>Financial accounting</li> <li>Statistics/Mathematical statistics</li> <li>Business management</li> </ul>	Complete the outstanding modules of the chosen programme, which are presented on the Hatfield Campus.

### BAdmin (Public Management and International Relations)

(See page 24 for an infographic)

**Note:** All first-year students take the compulsory fundamental modules on academic information management and the module Academic literacy for EMS.

#### Core modules (compulsory)

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Public administration</li> <li>Politics</li> <li>Economics</li> <li>Public resource management</li> </ul>	<ul style="list-style-type: none"> <li>Public administration</li> <li>Political science <b>or</b> International relations</li> <li>Communication management</li> </ul>	<ul style="list-style-type: none"> <li>Public administration</li> <li>Political science <b>or</b> International relations</li> </ul>

#### Elective modules

(Refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home))

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>Industrial and organisational psychology <b>or</b> Economics</li> <li>Statistics</li> <li>French</li> <li>German</li> </ul>	<ul style="list-style-type: none"> <li>Industrial and organisational psychology</li> <li>Economics</li> <li>Public law</li> <li>Public management</li> </ul>	<ul style="list-style-type: none"> <li>Industrial and organisational psychology</li> <li>Economics</li> <li>Administrative law</li> </ul>

**Note:** Candidates who did not obtain at least a 4 (50–59%) in Mathematics in Grade 12, or did not pass Statistics (STK) 113 and 123, may not include Economics (EKN) 120, 234, 244, 310 and 320, and Statistics (STK) 110 and 120 in their curriculum. Refer to the online Yearbook at [www.up.ac.za/yearbooks/home](http://www.up.ac.za/yearbooks/home).



### Annual HR Tuks networking event a huge success

The Human Resource Management student society, HR Tuks, annually hosts a networking event that enables students to engage with major recruitment companies. The event starts with interactive presentations, where speakers inform students of their experiences in the field, their roads to success, as well as providing advice for students' future careers. It also incorporates an innovative session of 'speed networking' where students are afforded an opportunity to meet with people employed by the companies represented at the event.

## Infographics

### BCom (Accounting Sciences)

#### What can be achieved with the BCom (Accounting Sciences) degree?

The BCom (Accounting Sciences) is a SAICA-accredited programme that forms part of the requirements for training as a chartered accountant (CA(SA)) as well as a registered accountant and auditor (RAA). The CA(SA) and RAA qualifications are the highest professional qualifications in accounting available in South Africa, enjoy international recognition and qualified CAs are highly sought-after as employees.

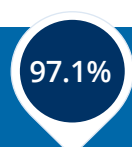


Programme	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
BCom (Accounting Sciences) [3 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	C	6	B	34
Careers: First step towards qualifying as chartered accountants, external auditors, taxation professionals and advisors, and financial directors or managers					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes, but is recommended.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

Students of the University of Pretoria consistently achieve excellent pass rates in the challenging first national Chartered Accountants' examination (ITC) as can be seen from these figures:



**2019**  
January & June



**2018**  
January & June



**2017**  
January & June



**2016**  
January & June

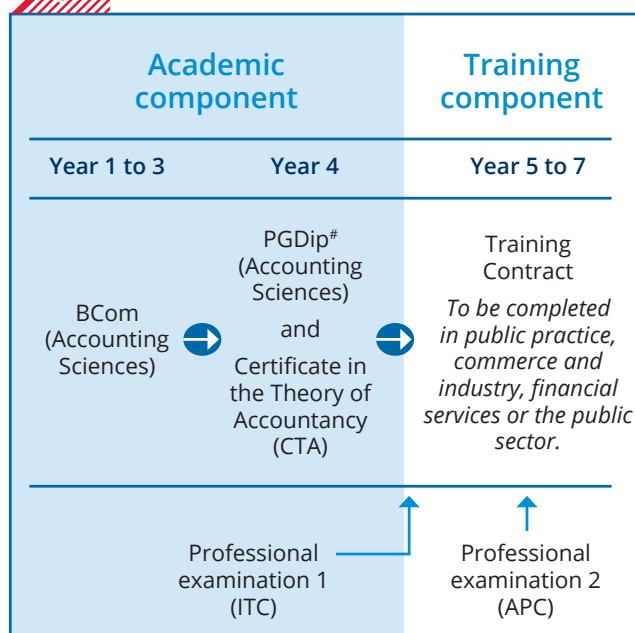


**2015**  
January & June

**UP's average first-time January ITC pass rate over the past 13 years is an exceptional 94%**



#### How do you become a Chartered Accountant in South Africa?



The CA(SA) designation is sought-after and offers great financial rewards. Over and above the prestigious CA(SA) qualification, the 3-year BCom (Accounting Sciences) degree also provides access to the following BCom Honours degrees (subject to selection):

- BComHons (Financial Management)
- BComHons (Internal Auditing)
- BComHons (Taxation)



Although the above honours programmes do not provide access to the CA(SA) qualification, these also provide access to the professional qualifications mentioned under the BCom (Financial Sciences) programme.

#### Contact information

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UP website

www.up.ac.za/ca-more-info

SAICA website

www.saica.co.za

# Offers access to master's studies just as an honours degree would



# Infographics

## BCom (Investment Management)

The BCom (Investment Management) programme focuses on the global investment environment and includes topics covering all facets of investment management. The BCom (Investment Management) degree at UP is an Affiliated Program with CFA Institute®. Academic institutions that embed a significant portion of the CFA Program Candidate Body of Knowledge (CBOK)—including the Code of Ethics and Standards of Professional Conduct—into their curriculum may be eligible to participate in the University Affiliation Program.

An Affiliated University signals to their students and to employers that their curriculum is closely aligned with the practice of investment management and is helpful to students preparing for the CFA® Program exams.

*CFA Institute and CFA are registered trademarks owned by CFA Institute*

### What can you do with a BCom (Investment Management) degree?

The degree prepares you for career opportunities in the dynamic world of investments, offering access to money markets, fixed-income markets, equity markets, derivatives markets and portfolio management.

### The degree is suited for you if you have:

- Strong mathematical skills
- Diligence
- Analytical skills
- The ability to think independently
- Problem-solving skills
- An inquiring mind
- Integrity
- Attention to detail

### Career opportunities

- Portfolio/Fund Manager
- Investment Analyst
- Risk Manager/Analyst
- Quantitative Analyst
- Financial Advisor/Planner
- Wealth Manager
- Investment Strategist

### Study options after obtaining your degree:

- BComHons (Investment Management)
- BComHons (Statistics and Data Science)
- BComHons (Economics)
- Pursue a professional qualification
  - Chartered Financial Analyst (CFA)
  - Chartered Alternative Investment Analyst (CAIA)
  - Certificate in Investment Performance Measurement (CIPM)
  - Certified Financial Planner (CFP)

### Major subjects:

- Investment Management and
- Statistics or
- Economics

For more information:  
[www.up.ac.za/financial-management](http://www.up.ac.za/financial-management)

Programme	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
BCom (Investment Management) [3 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	C	6	B	34

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

## Infographics

### BCom (Financial Sciences)

The BCom (Financial Sciences) degree combines three disciplines, namely Taxation, Internal Auditing and Financial Management into one degree with the aim of giving students more options for further study. Students will be exposed to all three these disciplines as part of the degree, empowering them to choose their field of specialities at honours level.

Core Modules	1st Year	2nd Year	3rd Year
Financial accounting	X	X	X*
Financial management		X	X*
Internal auditing		X	X*
Taxation		X	X*
Informatics	X	X	
Business law		X	
Business management	X		
Economics	X		
Statistics	X		

\*Students choose any three majors at third-year level

### What are my options?

#### Chartered Institute of Management Accountants (CIMA)\*\*

- CIMA Certificate in Business Accounting (CIMA Cert BA)
- CIMA Diploma in Management Accounting (CIMA Dip MA)
- CIMA Advanced Diploma in Management Accounting (CIMA Adv Dip)
- Associates of the Chartered Institute of Management Accountants (ACMA)
- Chartered Global Management Accountant (CGMA)

#### Financial Planning Institute of Southern Africa (FPI)\*\*

- Registered Financial Planner™ (RFP)™
- Associate Financial Planner™ (AFP)™
- Certified Financial Planner® (CFP)®

#### South African Institute of Professional Accountants (SAIPA)\*\*

- Professional Accountant (SA)

#### Association of Chartered Certified Accountants (ACCA)\*\*

- Member of the Association of Chartered Certified Accountants (ACCA)
- Fellow of the Association of Chartered Certified Accountants (FCCA)

#### South African Institute of Tax Professionals (SAIT)\*\*

- Master Tax Practitioner (MTP (SA))
- General Tax Practitioner (GTP (SA))
- Tax Technician (TT (SA))

#### Institute of Internal Auditors (IIA) Global\*\*

- Certified Internal Auditor (CIA)
- Certification in Risk Management Assurance (CRMA)
- Certified Process Safety Auditor (CPSA)
- Certified Professional Environmental Auditor (CPEA)
- Qualification in Internal Audit Leadership (QIAL)

#### IIA South Africa\*\*

- Internal Audit Manager (IAM)

#### Information Systems Audit and Control Association (ISACA)\*\*

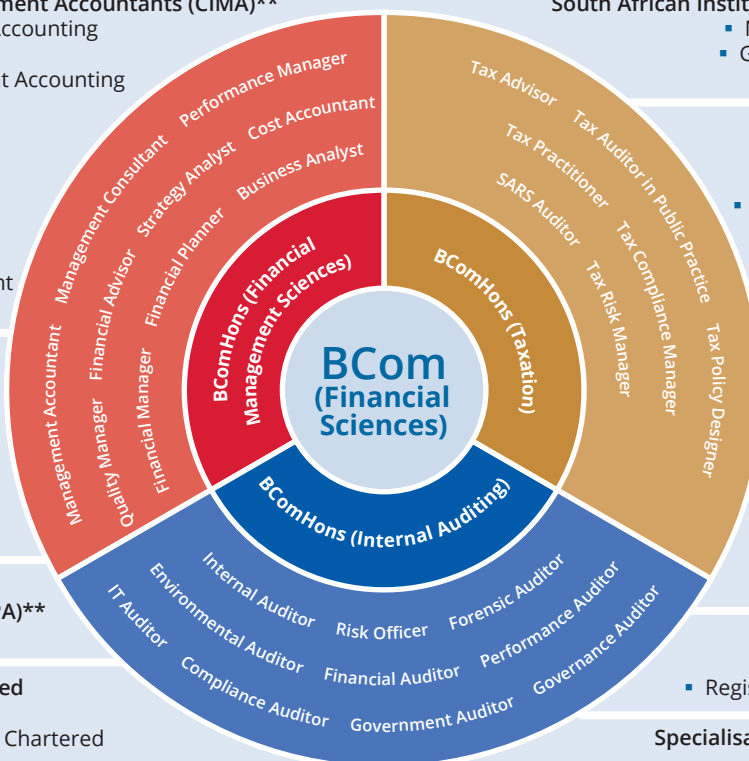
- Certified Information Systems Auditor (CISA)

#### South African Institute of Government Auditors (SAIGA)\*\*

- Registered Government Auditor (RGA)

#### Specialisation in forensic investigations\*\*

- Certified Fraud Examiner (CFE)
- Commercial Forensic Practitioner (CFP)



\*\*Subject to the education, experience, examination and ethics requirements of the various institutes.

Programme	Minimum requirements for 2021***				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
BCom (Financial Sciences) [3 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	C	5	C	32

Note: Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\*\*\*Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

For more information visit [www.up.ac.za/financial-management](http://www.up.ac.za/financial-management) or send an email to [financial.sciences@up.ac.za](mailto:financial.sciences@up.ac.za)

# Infographics

## BCom (Economics) and BCom (Econometrics)

A career in economics entails uncovering and forecasting economic trends as well as the effects of policy changes on our society and the global economy. This is supported by econometrics, which is the collection, measurement and analysis of economic and social phenomena.

### What is the difference between Economics and Econometrics?

#### Economics

An understanding of how the world works through concepts such as: growth in production (output); money, prices and inflation; international trade; unemployment; inequality and social infrastructure.

#### Econometrics

Econometrics is concerned with the measurement of economic behaviour, economic outcomes and the impact of economic policies. This is done using economic theory, data and statistical techniques. Econometricians are statistically and mathematically inclined.

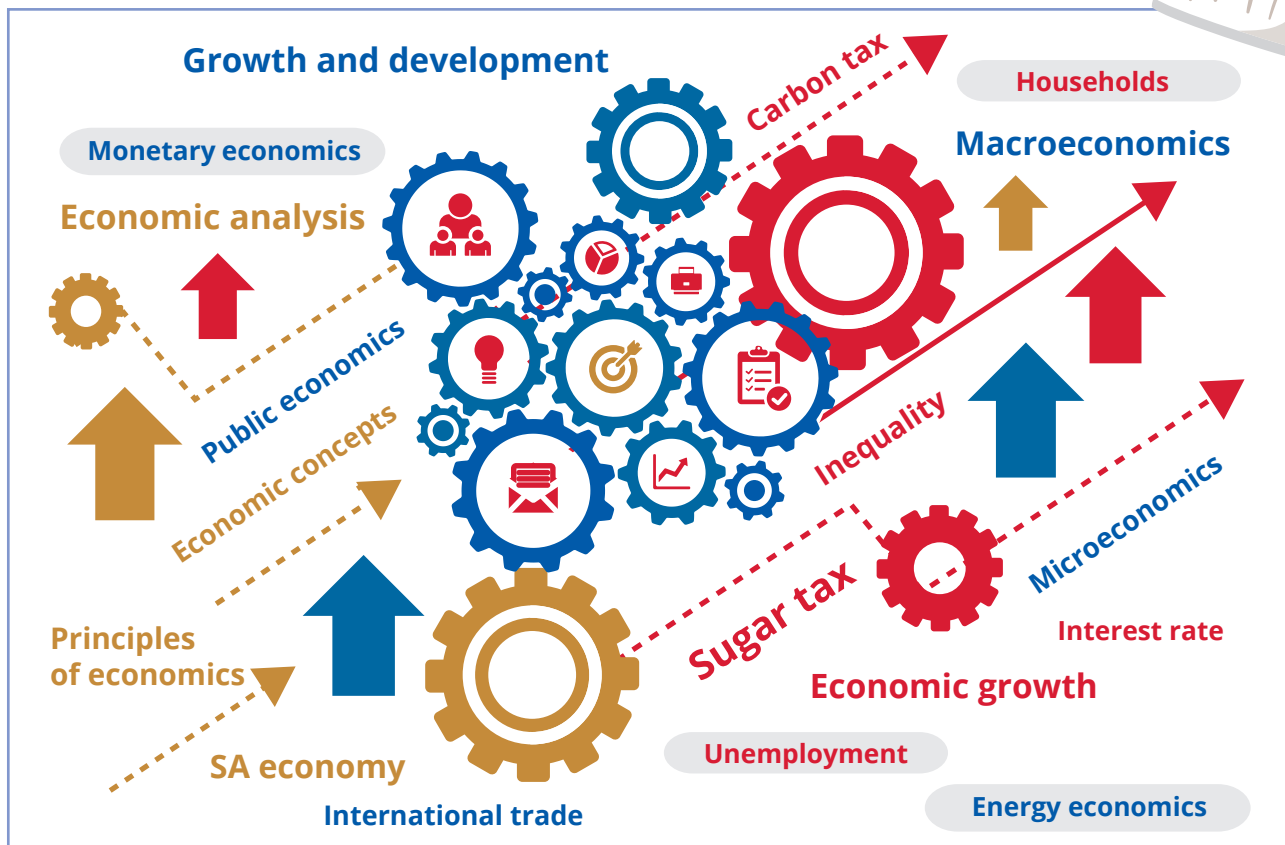
### Are you?

- ☒ Logical and analytical
- ☒ Curious and creative
- ☒ Motivated and open-minded

**Then you should consider a career in economic sciences!**

### What career opportunities exist for graduates?

Fields of specialisation include banking, public finance, international trade and investment, and economic development. Economists and econometricians are employed by government, the South African Reserve Bank, National Treasury, private and commercial banks, stock brokerage firms and consultancies, both locally and internationally. **Positions include analysts, consultants, researchers, traders and academics.**





## Infographics

### BCom (Law)

If you have a strong interest in commercial and economic disciplines and eventually would like to practice law in one of these fields, it is recommended to first enrol for a BCom (Law) degree, followed by an LLB degree. To excel in this programme, prospective students should possess the required aptitude, passion and skills for commercial, economical, numeracy and mathematical disciplines.

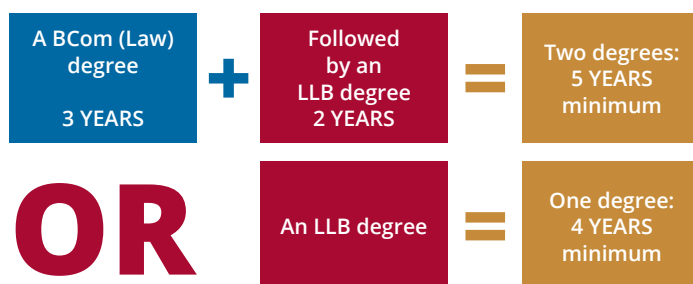
The BCom (Law) degree, followed by an LLB degree, offers a combination of BCom and law subjects with the aim of preparing students for the law profession, with a broad commercial academic background and providing an alternative route to the eventual attainment of an LLB degree. The combination of BCom (Law) and LLB degrees is highly recommended for students that have a dual interest in business and law. The BCom (Law) degree allows one to pursue other options upon completion, depending on specific career goals and legal fields.



#### Do you have what it takes to become a successful law student and lawyer?

- Committed to a successful, honourable career in law and justice
- Good listening and interpersonal skills
- Logical reasoning, persuasiveness and sound judgement
- Value honesty and integrity
- Ability to digest and convert loads of information, scientific data and paperwork generated by cases
- Emotional intelligence to view a challenge objectively and address it proactively
- Attention to detail
- Ability to prioritise tasks and manage time effectively

#### The University of Pretoria offers several paths toward the legal profession:



**Note:** This is one of several paths to secure professional employment and advance in the workplace. Combined programmes are more expensive and take longer to complete than the four-year LLB degree programme. Please consult the websites of the University of Pretoria's Faculty of Humanities ([www.up.ac.za/faculty-of-humanities](http://www.up.ac.za/faculty-of-humanities)) and the Faculty of Law ([www.up.ac.za/law](http://www.up.ac.za/law)) for information about alternative routes to obtaining an LLB.

#### Career opportunities

An LLB degree, and preferably admission as an attorney or advocate, irrespective of whether you wish to practice one day as an attorney or advocate, is currently the minimum requirement to join the organised legal profession in South Africa. Some of the careers you may pursue include:

Officers of the court	<ul style="list-style-type: none"> <li>■ Attorneys</li> <li>■ Advocates</li> </ul>
Court administration	<ul style="list-style-type: none"> <li>■ Registrars of the High Court</li> <li>■ Clerks of the Magistrates Court</li> </ul>
Judiciary	<ul style="list-style-type: none"> <li>■ Magistrates</li> <li>■ Judges</li> </ul>
Other officials in the administration of justice	<ul style="list-style-type: none"> <li>■ Masters of the High Court (administration of estates)</li> <li>■ Registrars of deeds, companies, patents and trademarks</li> </ul>
Legal aid and advice	<ul style="list-style-type: none"> <li>■ Legal Aid Board</li> <li>■ Legal Resource Centre/Justice Centres</li> </ul>

Programme	Minimum requirements for 2021*				
	Achievement level				
	English Home Language or English First Additional Language		Mathematics		APS
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Law)</b> [3 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	C	5	C	32
<b>Careers:</b> First step towards becoming attorneys, legal advisors, advocates, prosecutors, presiding officers (magistrates or judges) and academics in the legal field					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

# Infographics

## BCom (Statistics and Data Science)

Statistics can be described as the science of extracting information from data. We use statistics every day to make sense of the world around us: from the friend suggestions offered by Facebook to the way Apple Music recommends new music for you. Statistics is a vital part of modern life and business. Knowledge gained in the BCom (Statistics and Data Science) programme can increase the scope of possible jobs you could consider in practically any industry.

### The skills needed and the personality traits of a statistician

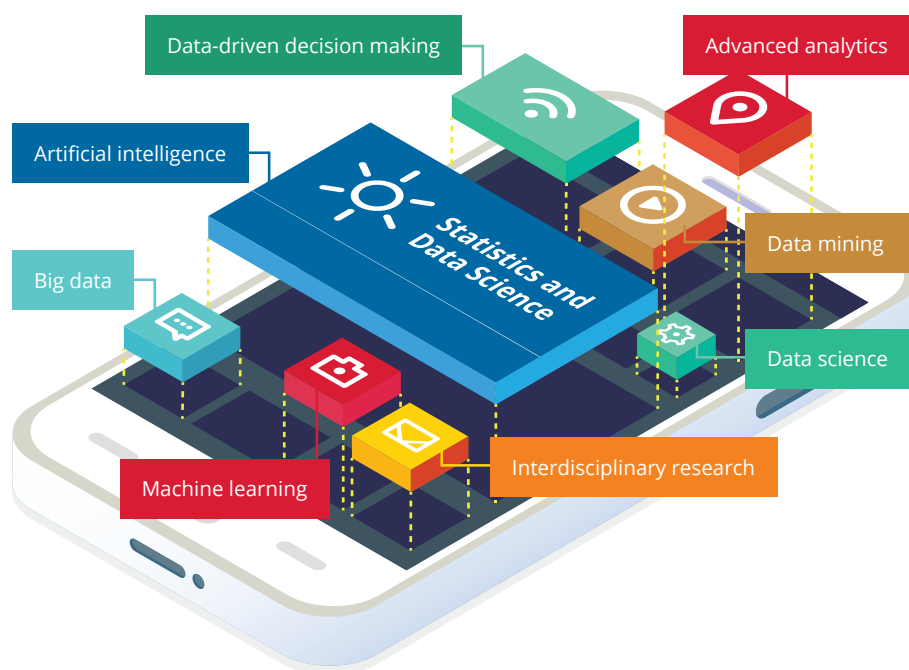
- Strong numerical skills
- Interest in computers and computer programming
- Logical reasoning ability
- Interest in planning and analysing problems
- Good language and communication skills
- Strong problem-solving skills
- Inquisitive mind
- Innovative
- Team player
- Critical thinking skills
- Agile mind
- Adaptable

### Accreditations/Certifications

Undergraduate and honours students in Statistics and Mathematical Statistics can obtain Statistical Analysis Software (SAS) certification. SAS is an international statistical software developer ([www.sas.com](http://www.sas.com)).

SAS offers four certificates to students:

- Introduction to statistical learning
- Statistical learning
- Introduction to big data analytics
- Big data analytics



### Careers for individuals with statistical training

#### Banking and finance

- Fraud detection
- Analyse and forecast trends
- Pricing strategies

#### Insurance

- Determining the risk an insured person poses to the insurance company and determining a fair premium based on predicted claims
- Analysing client profiles in order to identify the need for new products

#### Consumer science

- Understanding the behaviour of consumers and their preferences
- Predicting demand for a product
- Identifying profitable locations for new outlets

#### Spatial statistics

- Advising the mining industry on sampling strategies to provide information about the characteristics of natural deposits and monetary gains to be made
- Analysing patterns where crimes are committed

#### Government

Advising decision makers in matters concerning the environment, economic and social development, health, education and infrastructure

#### Education

Statistics is a compulsory subject at school, but few teachers have statistical training.

Programme	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Statistics and Data Science)</b> [3 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	C	5	C	32
<b>Careers:</b> Data scientists, statistical analysts in several industries, researchers, consultants and lecturers					

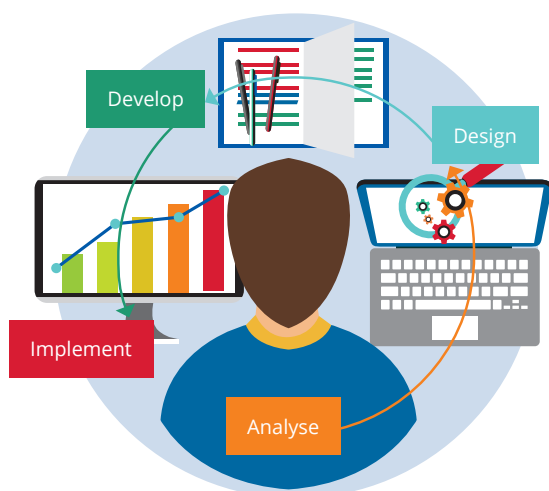
**Careers:** Data scientists, statistical analysts in several industries, researchers, consultants and lecturers

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

For more information visit [www.up.ac.za/statistics](http://www.up.ac.za/statistics)

# Infographics



## BCom (Informatics) Focus area: Information Systems

The BCom (Informatics) Focus area: Information Systems degree is an internationally accredited programme that combines the world of information technology (IT) with the business world.

As IT develops, it enhances the business environment to do more in less time and provide management information faster and more accurately.

IT is the **gateway** to the international business world, concluding business transactions within seconds.



### What are my career opportunities?

- Database administrator
- Multimedia developer
- Business analyst
- Business architect
- Project manager
- System analyst
- Consultant
- Test analyst
- UX expert
- BI analyst
- IT auditor
- Software architect
- Network security
- Web developer
- System developer
- Network analyst
- Data scientist
- Programmer



### Where can I work?

- All commercial sectors, such as:
- Finance
  - Insurance
  - Telecommunication
  - Mining
  - Software development
  - Consulting organisations
  - Education
  - Retail



### What are my subject choices?

- Informatics
- Business management
- Computer auditing
- Statistics and Data Science
- e-Taxation
- Marketing management
- Financial accounting
- Business law



### What type of person can be an Informatician?

- Problem solver
- Analytical
- Creative
- Good communicator
- Good at working in a team
- Good at working with people
- Able to deal with ambiguity

### What will you study in the first three years?

#### Year one:

- Introduction to programming
- Introduction to information systems development
- How to solve problems and think critically
- How IT is used in organisations
- Commerce domain knowledge

#### Year two:

- Programming
- Information systems development
- Database development
- Networks
- Commerce domain knowledge

#### Year three:

- Advanced programming
- Project management
- Trends in IT
- Develop a system for a real client
- Commerce domain knowledge

Programmes	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Informatics) Focus area: Information Systems</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> Managers in the information technology environment, computer software or hardware support, computer systems analyst, financial information systems analyst, business analyst, information facilitator, IT training officers, systems developer, business systems analyst					



Computing  
Accreditation  
Commission

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

For more information visit [www.up.ac.za/informatics](http://www.up.ac.za/informatics)



## Infographics

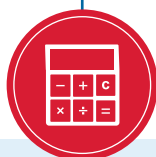


### BCom (Agribusiness Management)

The BCom (Agribusiness Management) degree programme is the ideal choice for a student who has diverse interests and proficiencies, ranging from business to science.

The programme will give you an overview of the global agricultural and food sector, as well as how business and science issues affect how this sector functions. This programme cultivates problem solvers who each do their part to help feed the world.

**Choose BCom (Agribusiness Management) for diversity in career choices. With this degree you can pursue a career in:**



#### Banking and finance

You will visit farms as a representative of the bank or insurance company and evaluate financing and insurance applications originating from the agricultural sector.



#### Farming enterprises and input companies

You will develop marketing and sales strategies for things like seeds and fertiliser, or agricultural products such as fruits or meats.



#### The public sector

You will develop and help to implement government policies and legislation for the agricultural and food sector.



#### Business management of food processors and manufacturers

You will develop marketing strategies and do business analysis for large food manufacturers.

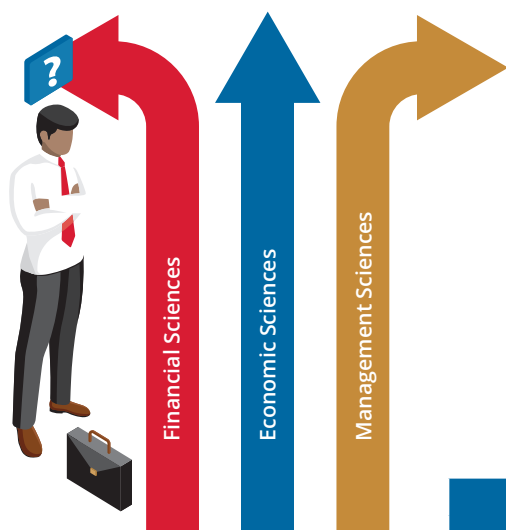


#### Logistics and marketing

You will trade and ship commodities such as maize.

Programme	Minimum requirements for 2021*				APS
	Achievement level				
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Agribusiness Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	5	C	30
<b>Careers:</b> Agricultural economists and agribusiness managers at commercial banks, agribusinesses and other agricultural and food-oriented institutions, commodity traders on future markets on derivatives, working for producer organisations, as consultants, valuers, researchers or policy makers, or as managers and project managers in the above.					
<b>Note:</b> Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.					
* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects will be considered for admission.					

## Infographics



### Apply for BCom if you:

- have competence and an interest in diverse study areas;
- want flexibility in selecting your modules; and
- do not want to specialise too early in your studies.

Once you have explored various elective modules in depth during your undergraduate studies, you can choose to specialise in a specific field by pursuing postgraduate studies.

## BCom

Are you interested in studying toward a BCom degree, but are undecided about which major to select? If the fixed curricula offered by specialist degrees do not meet your broad academic interests, then the general BCom degree could be the perfect qualification for you.

The degree does not lead to a specific vocational outcome, but offers opportunities to determine your own career outcome, within limits. Students are able to compile their own curricula with a view to work opportunities in all sectors.

Programmes	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> The degree does not lead to a specific vocational outcome but, to some extent, offers opportunities to determine your own career outcome. Students are able to compile their own curricula with a view to future work opportunities in all sectors.					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

### Katheryn Bennett, BCom graduate and Honours student in BCom (Marketing Management)



'I applied for the BCom programme due to the flexibility of the curriculum. During my matric year I job shadowed a lawyer, which triggered my curiosity to pursue law, but I was also interested in business. My uncertainty led me to a safe choice where I could fully understand

each discipline without wasting a year and the costs involved. It was exciting to be able to choose the modules I enjoyed with in my Honours in BCom (Marketing Management) studies this year.

Having majored in Marketing management, Statistics and Business management, I find that the previous knowledge gained from the degree greatly assists me in the projects that I'm tasked with in my Honours in BCom (Marketing Management) studies this year.

I highly recommend this programme if you have any uncertainty about which field you would like to pursue, and if you would like to tailor-make your degree. A great benefit is the ability to apply to multiple disciplines within BCom; it does not limit you to a specific direction for honours or career options. The job market is very competitive and choosing the BCom degree will set you apart, as you attain a unique combination of knowledge.'

### Daniel Bloom, BCom graduate and LLB student



'Coming out of school there are so many options that it can be quite overwhelming to decide on which exact path you would like to take. I wasn't sure whether to choose the legal or strictly commercial route, such as accounting. The BCom degree enabled me to explore both, as I could apply for special permission from the Faculty of Law in order to explore the legal sphere.

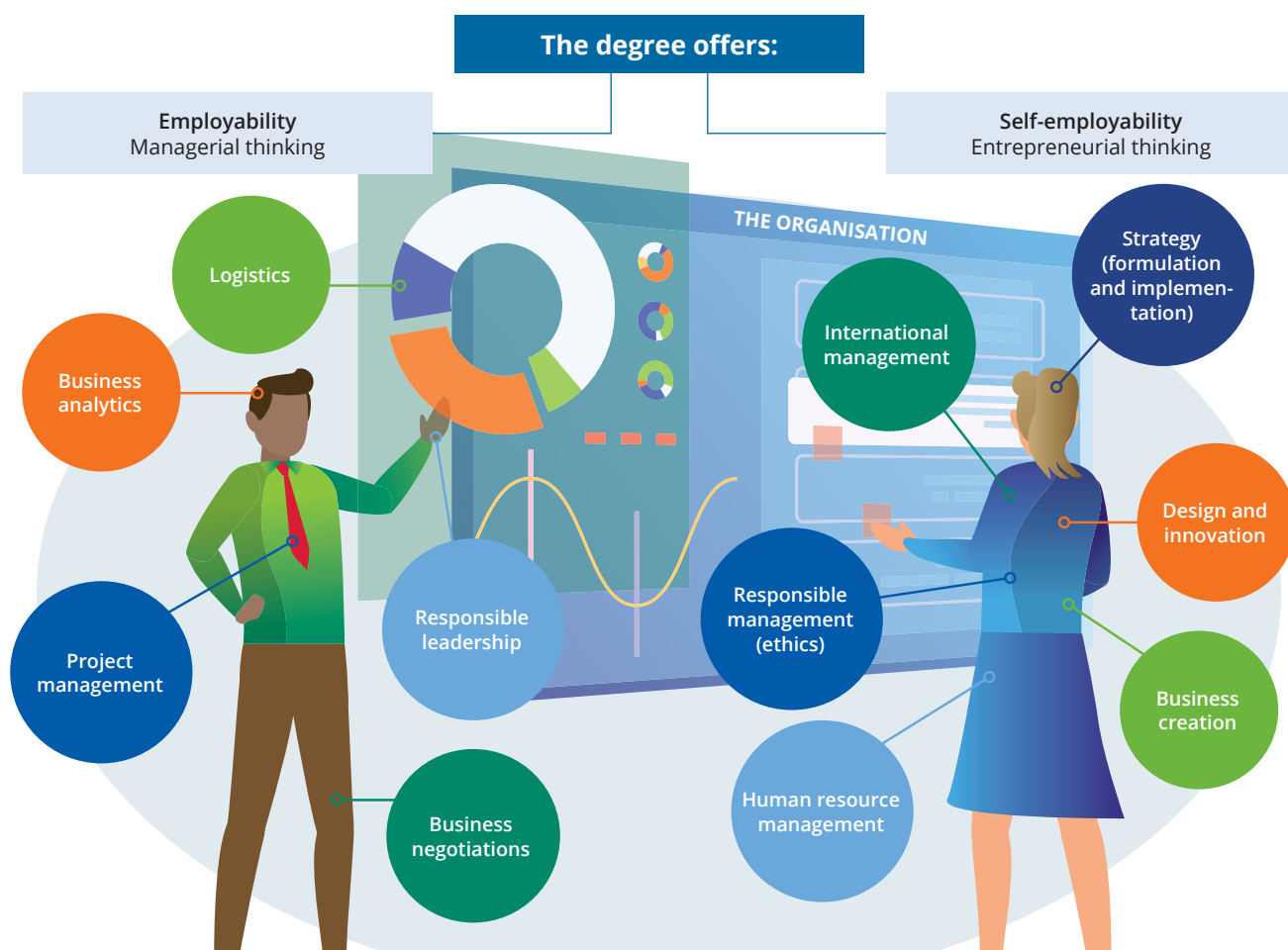
I majored in Financial accounting, Taxation, Business management and Economics. I was exposed to various fields in the commercial world, where the added benefit of, say economics, can apply universally in the real world in terms of understanding how things work on a macro scale. This degree is very flexible and allows you to gain diverse skills that will be attractive to any future employer. A highlight of my BCom journey included meeting various people and capitalising on their differing perspectives to studying.

I am now studying towards an LLB degree. My career ambitions are to enter the legal field that incorporates many of the commercial perspectives and principles that I learnt and applied throughout my BCom study years. I recommend this programme to anyone who wants a diverse foundation and to capitalise on the flexible nature of the degree.'

# Infographics

## BCom (Business Management)

The BCom (Business Management) degree programme is for the student who wants to become a business leader and be employed in an organisation or create his/her own employment. The degree programme will give you the big picture of the organisation as a body with separate but interdependent parts and will show you how all the parts function as a whole. You will be equipped to solve real-life business problems, use management processes to make decisions to benefit the organisation and know the importance of being innovative within a dynamic business environment. The degree programme will empower students to develop a passion for business through exposure to South African and international best practices.



The BCom (Business Management) degree programme is the first step on the academic path within the Department of Business Management that can take you on a road to different honours degrees, postgraduate diplomas, MPhil degrees and finally PhD degrees in either Business Management, Entrepreneurship or Leadership.

### You have to be:

- Able to see the big picture
- A creative thinker
- An analytical thinker
- A self-starter
- Able to integrate ideas and concepts
- A systematic organiser and planner

### Business management graduates can further their studies in:

- Business management
- Entrepreneurship
- Responsible leadership
- Supply chain management
- Strategic management
- Development practice
- Business rescue
- Monitoring and evaluation
- Strategic management principles

### Business management career opportunities:

- General/project manager
- Logistics manager
- Strategist
- Entrepreneur
- Innovation manager
- Business analyst
- Business consultant
- Manager Business Solutions
- Chief Executive Officer (CEO)



## Infographics

# Differentiate yourself with the ELA-accredited BCom (Supply Chain Management) degree

**The University of Pretoria's Department of Business Management** is the only European Logistics Association (ELA) National Certification Centre (NCC) in Sub-Saharan Africa. The goal of ELA is to provide an international forum for networking, promotion and development of the logistics and supply chain profession through its network of NCCs.



### What is Supply Chain Management (SCM)?

It is a systems approach to managing the entire flow of materials, information, services and finance from raw materials suppliers through factories and warehouses to the end user.



### What you will learn

#### First year

- Business management
- Economics
- Financial accounting
- Statistics
- Marketing management
- Informatics

#### Second year

- Logistics management
- Purchasing and supply management
- Production and operations management
- Project management and negotiation skills
- Business law
- Financial management
- Marketing management
- Responsible management

#### Third year

- Warehousing management
- Transport management
- Supply chain strategy
- Strategic management
- International business
- Business analytics

### Career opportunities in Supply Chain Management

- Supply chain analyst
- Supply chain strategist
- Buyer/Procurement manager
- Customer service manager
- Inventory manager
- Warehousing manager
- Distribution manager
- Transport manager
- Demand planner
- Planning manager
- Logistics manager



### Skills of a Supply Chain Manager

- Global orientation
- Analytical skills
- Cross-cultural literacy
- Systems thinking
- Natural leader
- Technical savvy
- Superior business skills
- Problem solver
- Innovative
- Creative thinking
- Team player
- Communication skills
- Willingness to learn



### UP's association with ELA translates to the following benefits to students:

- A degree accredited at Level 4: Candidate European Junior Logistician (CEJLog), based on the European Logistics Association Qualifications Framework Standards agreed by industry.
- ELA candidates stand out from the crowd with a certificate that is a global mark of competence and promotes mobility in an international market place.
- Offers graduates a smooth path to full ELA Certification once relevant experience is obtained.



Programme	Minimum requirements for 2021*				APS
	Achievement level				
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BCom (Supply Chain Management)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> The purpose of this programme is to equip students with the ability to participate in functional management within an integrated supply chain. This includes supply management, production and operations management, warehousing, transport management and supply chain strategy.					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

### Contact information

Department of Business Management  
Tel +27 12 420 4349  
Email [uscm@up.ac.za](mailto:uscm@up.ac.za)  
Website [www.up.ac.za/ems](http://www.up.ac.za/ems)

# Infographics

## BCom (Marketing Management)

### Consider Marketing if you are...



COMMUNICATION STRATEGY RESEARCH PRICING BRANDING



CUSTOMER SERVICE SOCIAL MEDIA TARGET MARKETS NEW PRODUCT DEVELOPMENTS RETAIL MARKETING

### How do I become a marketer?

#### Apply for the sought-after BCom (Marketing Management) programme at the University of Pretoria.

##### Gain practical experience with our industry partners!

You will have the opportunity to do practical projects with brands such as Coca-Cola, Appletiser, Bridgestone SA, Discovery Health, Bosch SA and the Gautrain Management Agency. Our industry partners provide real challenges for which students find solutions, which may include:

- The development of integrated marketing communication (IMC) campaigns;
- Sales promotions;
- Social media marketing campaigns;
- Market and consumer analysis; and
- Marketing analytics.

##### Skills you will acquire in this programme include the ability:

- To communicate a marketing vision and marketing ideas;
- To develop an integrated marketing communication strategy; and
- To plan and implement marketing strategies.

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For more information visit [www.up.ac.za/marketing](http://www.up.ac.za/marketing)

## Infographics

# Industrial Psychology, Human Resource Management and Labour Relations Management

Did you know, to become an Industrial and Organisational Psychologist (IOP), a Human Resource Practitioner or Manager (HRM), or a Labour Relations Officer (LRM), you can apply for BCom (Human Resource Management)?

### Why is this a Commerce degree in the Faculty of Economic and Management Sciences?

A great benefit of our programme is that because you are earning a BCom, you will not only learn IOP, HRM and LRM, but you will also gain a wider knowledge of business, which will make you marketable for any number of business job opportunities.

### What is the difference between IOP, HRM and LRM?

#### Industrial and Organisational Psychologist (IOP)

They use knowledge of the psychology of human behaviour to ensure that people work "better" in the workplace.

#### Human Resource Manager (HRM)

They manage people using workplace policies and procedures to ensure that they are effective and productive.

#### Labour Relations Management (LRM)

They implement LR programmes and act as mediators through advising and counselling in the workplace.

01

### THE UNDERGRADUATE JOURNEY

### Register and complete the BCom (Human Resource Management)

Programme	Minimum requirements for 2021*				APS
	Achievement level				
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB		
<b>BCom (Human Resource Management)</b> [3 years] Closing dates: SA – 30 September, Non-SA – 31 August	5	C	4	D	30
<b>Careers:</b> Human resources practitioners, human resources consultants, mediators, labour relations specialists, human resources managers, personnel managers, training officers, liaison officers, psychometrists and industrial psychologists. In their capacity as human resources practitioners, graduates will be responsible for matters such as developing human resource strategies and policies, human resource planning, recruitment and selection of employees, training and development of staff, labour relations and personnel administration.					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

\* Cambridge A Level candidates who obtained at least a D and International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

### What will you study in the first three years?

#### Year one

- Introduction to industrial and organisational psychology
- How learning takes place at work
- Personality and how it develops
- How humans interact with their environment and the different roles we occupy in society

#### Year two

- The role of work teams in an organisation and group's behaviour
- The effect of power and leadership in organisations
- How organisations are structured and designed
- The best ways to bring about change in the workplace

- How to keep employees safe and healthy in the workplace
- How to manage the diversity of people in the workplace
- How to conduct psychometric tests (eg aptitude, interest, intelligence and personality)

#### Year three

- How to define what a specific job entails and to determine appropriate salary structures thereof
- How to plan for workforce recruitment, selection and orientation for newly appointed employees
- How to measure the performance of employees and motivate them toward organisational goals
- How to train and develop employees to enhance their performance and career potential

**Congratulations!**  
Now you have  
your degree in  
HRM!



## Infographics

### BAdmin (Public Management and International Relations)

This programme undertakes a scientific study of the managerial and administrative functions performed in the public sector. It further aims to capacitate students to participate in and contribute to managerial functions through policy-making, human resource management, organisational restructuring and ensuring accountability.

#### Who is the ideal candidate?

People who have the desire, commitment and dedication to serve their community, their city and/or their country. People who believe in and want to be part of the moral and legal obligation that the state has towards creating a better life for all.

#### What makes this programme unique at UP and/or in SA?

This is the only programme in the Faculty that combines public sector management with specialisations such as politics and international relations. The composition of the programme not only exposes students to the management environment within both the public and private sectors, but enhances their understanding of what it means to be a good and responsible citizen. The quality of the teaching and research at UP is excellent.

*The School of Public Management and Administration at the University of Pretoria is one of the best institutions in offering public sector education in South Africa and on the African continent.*

#### What career opportunities exist for graduates?

- Parliamentary researcher
- Project manager
- Policy analyst
- Public human resource manager
- Public sector consultant working with public sector contracts, empowering communities to access government services.
- Municipal manager or executive head of a government department or agency
- Diplomat or part of the permanently employed diplomatic corps deployed nationally or internationally
- State protocol officer
- Official working in Embassies, Consulates and High Commissions.
- Official working in industrial relations or employee relations divisions in government departments
- Official heading up the corporate divisions of government departments and agencies.



#### Which organisations employ BAdmin graduates?

Government departments, Embassies, Consulates, High Commissions, Parastatals, non-governmental organisations, private sector companies that work extensively with government contracts.



Programmes	Minimum requirements for 2021*				
	Achievement level				APS
	English Home Language or English First Additional Language		Mathematics		
	NSC/IEB	AS Level	NSC/IEB	AS Level	
<b>BAdmin (Public Management and International Relations)</b> [3 years] Closing dates: SA – 30 September Non-SA – 31 August	5	C	Mathematics 3 or Mathematical Literacy 4	E	<b>28</b>
<b>Careers:</b> Diplomats, political analysts, managers in the public sector, local government and the private sector, non-governmental organisations, international organisations and embassies. Graduates are often employed in human resources sections and planning and general administrative divisions.					

**Note:** Accountancy is not a subject requirement for any of the BCom and BAdmin programmes.

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For more information visit [www.up.ac.za/BAdmin](http://www.up.ac.za/BAdmin)





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