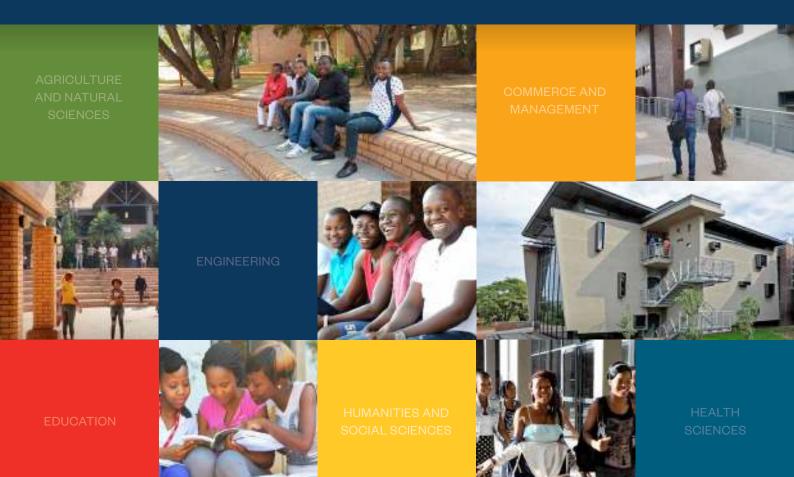


UNIVERSITY OF MPUMALANGA

PROGRAMMES AND FACULTIES





VISION

To be an African University leading in creating opportunities for sustainable development through innovation.

MISSION

To offer high quality educational and training opportunities that foster the holistic development of students through teaching and learning, research and scholarship, and engagement, in collaboration with strategic partners.

.....

VALUES

UMP is committed to the following values:

Excellence • Integrity • Diversity • Collaboration Adaptability • Relevance • Inspiration



In a region thirsty for learning, UMP assumes a leadership role in providing the province and the country with academic avenues for advancement.

The university endows its presence with the promise and potential of the region to confirm its rightful place in the knowledge economy of our country and continent.

With unique programmes designed to match the features and character of the Mpumalanga Province, UMP's goal is to attract students and academics from across the country and continent, offering specialised niche areas of study that will provide an academic environment of the highest standard, inspiring both students and staff, cementing UMP's place among the country's institutions of higher learning.



The hospitality industry is a global industry, offering exciting opportunities to graduates who wish to travel, and take up careers both locally and abroad. It is one of the world's fastest growing and most dynamic fields of employment, with positive trends forecasted for the coming years. With over 260 million jobs worldwide already created by the industry, more growth and a powerful economic influence is expected in the next decade.

The UMP's Tourism and Hospitality
Management programme's vision
and mission is to develop sought after,
future-fit leaders, with the potential to
create legacies, and further contribute to
the growth of this sector.

DIPLOMA INHOSPITALITY MANAGEMENT

The Diploma in Hospitality Management at UMP is a well-designed qualification that is crafted to suit the needs of the Hospitality industry. It focuses on the education, work-integrated learning and skills development required for all levels of employment in the Hospitality industry.

DURATION:

The Diploma in Hospitality Management is a three-year, 360 credit, exit level 6 qualification.

CURRICULUM:

Students are exposed to theoretical and practical aspects of Hospitality Management including; Accommodation Management, Culinary Studies and Nutrition, Food and Beverage Studies and Operations, Financial Management, Hospitality Management, Hospitality Service Excellence, Hospitality Health and Safety, Hospitality Law, with support modules in Hospitality Communication, Computing and First Aid.

In the second and third year, students spend five months on campus and five months at a hospitality establishment for work-integrated learning, during which there is the opportunity to apply theoretical and practical knowledge and skills in a real world setting.





ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Diploma must be met. In addition, students will have the following:

Minimum Admission Point Score (APS):

- 26 With Mathematics
- 27 With Mathematical Literacy
- English Language (Home or First Additional Language): Level 4
- Mathematics: Level 3
- · Mathematical Literacy: Level 4

Applicants with the National Certificate Vocational (NCV) level 4:

NCV level 4, with at least 50% for English (Home Language or First Additional Language), 40% for Mathematics or 50% for Mathematical Literacy, and 60% in four Hospitality subjects.

Front-office manager

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Diploma will be able to apply for admission to an Advanced Diploma in Hospitality Management at UMP or another Higher Education Institution.

ENQUIRIES

Mr Osward Mhlanga (Programme Leader)

Tel: +27 13 002 0194 Fax: +27 13 755 1110

E-mail: osward.mhlanga@ump.ac.za





Hotel manager

Chef

Food and beverage manager CAREER
OPPORTUNITIES:

Banqueting manager

Entrepreneur

Restaurateur

Coffee shop manager or owner

Guest-house manager or owner

Caterei



The Advanced Diploma in Hospitality
Management, provides a comprehensive
pathway for students wishing to
develop the knowledge and skills required
at supervisory and management
levels across a range of hospitality
industry occupations.

ADVANCED DIPLOMA IN HOSPITALITY MANAGEMENT

The Advanced Diploma in Hospitality Management introduces students to research by developing the students' applied and cognitive competencies in the acquisition, interpretation, understanding and applications of hospitality management principles.

DURATION:

Advanced Diploma in Hospitality Management is a one-year, 120 credit, exit level 7 qualification.

CURRICULUM:

Persons achieving this qualification will be competent in applying managerial skills, identifying, selecting and applying a range of research methodologies and techniques to research problems in their own and social science's area of specialisation.

The aim of the qualification is to produce employable graduates that have managerial, research and entrepreneurial skills.

Students will be exposed to the following modules:

- · Hospitality Management IV
- · Hospitality Financial Management IV
- Hospitality Industry Law III
- · Research Methodology



Banqueting managers Guest-house managers or owners

Hotel managers



ADMISSION REQUIREMENTS:

The minimum entrance requirement for the Advanced Diploma is a Level 6 Diploma in Hospitality Management. Applicants with an equivalent qualification with an aggregate of 60% for the prescribed major modules will also be considered.

RECOGNITION OF PRIOR LEARNING (RPL) AND **CREDIT ACCUMULATION AND TRANSFER (CAT):**

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Advanced Diploma will be able to apply for admission to a Post Graduate Diploma in Hospitality Management or an Honours Degree in Hospitality Management.

ENQUIRIES

Mr Osward Mhlanga (Programme Leader)

Tel: +27 13 002 0194 Fax: +27 13 755 1110

E-mail: osward.mhlanga@ump.ac.za





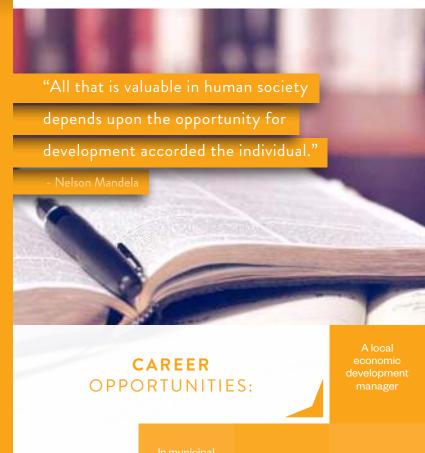
BACHELOR OF DEVELOPMENT STUDIES

The Bachelor of Development Studies is a three-year degree which equips students with skills and understanding of different theories, practices and activities which are useful to facilitate holistic and integrated focused development.

Some of the common skills include development facilitation, communication, environmental planning, project design and management, rural and social development and research, amongst others. The Bachelor of Development Studies degree integrates knowledge and systems from other disciplines such as; Economics, Sociology, Industrial Psychology, Public Administration and Computer Studies.

South Africa and many other developing countries are facing various challenges including poverty, inequality and unemployment. In addressing these challenges, the development of knowledge, understanding, skills and expertise is needed so that a holistic approach can be taken.

The UMP's Bachelor of Development Studies will expose graduates to various areas of intervention and the dynamics thereof to further equip them with more knowledge and skills, which will enable them to contribute to the eradication of poverty, unemployment and inequality.





DURATION:

The Bachelor of Development Studies is a three-year, 360 credit, exit level 7 qualification.

CURRICULUM:

The Bachelor of Development Studies qualification curriculum aims to provide students the following skills:

- Basic knowledge, skills and ability for the systematic management of modern socio-economic systems;
- An understanding of perspectives that form the context of development;
- Analytical critical thinking and problem solving skills in development;
- The ability to apply effectively and efficiently the acquired scientific knowledge, skills and abilities for the socio-economic benefit of the country's development.

In the first year, students will be exposed to modules including the following; Development Studies, Micro and Macro Economics, Human Resource Management, Public Administration, and Sociology, with a support module of Computer Science. In second and third year the focus is on Development Studies, Development Planning and Policy, Rural and Community Development and Environmental Management. A second focus is on Economics and Entrepreneurship. Students will undertake research projects in second and third year.

A developmer planner

In many other careers which are linked to social science and community





ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Bachelor's Degree must be met. In addition, students will have the following:

Minimum Admission Point Score (APS):

- 31 With Mathematics
- 32 With Mathematical Literacy
- English (Home or First Additional Language): Level 4
- Mathematics: Level 2
- · Mathematical Literacy: Level 3

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Bachelor's Degree will be able to apply for admission to the Bachelor of Development Studies (Honours) at UMP or another Higher Education Institution.

ENQUIRIES

Prof Estelle Boshoff (Head of School)

Tel: +27 13 002 0196 Fax: +27 13 755 1110

E-mail: estelle.boshoff@ump.ac.za

Dr Thanyani Madzivhandila (Programme Leader)

Tel: +27 13 002 0198

Fax: +27 13 755 1110

E-mail: t.madzivhandila@ump.ac.za



The underlying strength of any country is the ability to leverage expertise in all of its goal areas to drive economic growth.

The Bachelor of Commerce at UMP capacitates graduates with a combination of core skills and specialist knowledge that ensures their agility and adaptability in an ever-changing business environment, and as a result be in high demand with employers.

BACHELOR OF COMMERCE (BCOM) DEGREE

The Bachelor of Commerce is a three-year degree which equips students with skills, knowledge and experience needed to pursue a career within the business, government and non-profit sectors. The degree focuses on the factors that drive economic behaviour at both individual and organisational level and equip students with the analytical, communication and problem-solving skills to effectively identify issues, source information and find efficient and practical solutions. The course is structured to reflect the changing world of commerce and to provide a firm foundation for the world of work, including the necessary skills. Ethical principles and general knowledge needed to decision-making in a business environment.

DURATION:

The BCom (General) is a three-year, 360 credit, exit level 7 qualification.

CURRICULUM:

The curriculum provides for specialisation up to third year level in two of the following fields: Accounting, Economics, Business Management, Entrepreneurship, and Industrial Psychology/Human Resource Management.

In first year, all students will take Economics I, Business Calculations, Academic Literacy and Business Computing. Students will then select two subjects from Industrial Psychology/Human Resource Management I, Accounting I and Business Management I.

In second year, students will continue with three of the major subjects taken in first year (Economics, Accounting, Business Management or Industrial Psychology/HRM) or may add a full year of Entrepreneurship or a semester of Commercial Law.

In third year, students continue with two of the major subjects taken in second year. It is therefore possible to major in Industrial Psychology or HRM, with a commerce subject such as Economics or Business Management, or to do a general Bachelor of Commerce with Economics and Accounting, or Economics and Business Management, or Business Management and Entrepreneurship in third year.



PROGRESSION:

Students who successfully complete this BCom (General) will be able to apply for admission to a BCom (Honours) at UMP or another Higher Education Institution.

ENQUIRIES

Dr Nonzwakazi Maqubela (Programme Leader) Tel: +27 13 002 0250

ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Bachelor's Degree must be met. In addition, students will have the following:

Minimum Admission Point Score (APS):

- 32 With Mathematics
- English Language (Home or First Additional Language): Level 4
- · Mathematics: Level 4
- Mathematical Literacy is not acceptable
- · Commerce subjects will be beneficial but are not required

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

Human



Auditor

Government

Financial consultant

CAREER
OPPORTUNITIES:

Financial

Market

Developmen manager

Project or programme manager

Economic analysts

Management

Entrepreneu



Information and Communication
Technology (ICT) has become an
integral part of every private and
public sector institution. It drives
our societies, organisations and
entertainment industries by providing
diverse innovative tools. These tools
are capable of solving complex
problems, designing solutions,
planning the scalability of businesses
and handling data. Information and
Communication Technologies, as a
result, play a vital role in effective
decision making.

UMP, as an African University, strives to lead in creating opportunities for sustainable development through innovation.

DIPLOMA ICT IN APPLICATION DEVELOPMENT

ICT is at the centre of digital innovation and is a solution hub for communities, private and public industries. ICT is a diverse field of study consisting of many specialisations that service the innovative digital world. Specialisations include developing applications, analysing business processes, storing and retrieving data, and providing secure communication platforms to facilitate effective organisational and personal decision making. The Diploma in ICT in Application Development meets the critical need for offering ICT qualifications and producing graduates who will bring about digital solutions in the local, national and international economies.

Students who intend to enrol for ICT qualifications must have strong communication skills, be able to think logically, and work independently.

DURATION:

The Diploma in ICT in Application Development is a three-year, 360 credit, exit level 6 qualification.

CURRICULUM:

Year 1

- Communication Networks Foundations
- Application Development Foundations
- Multimedia Foundations
- Application Development Fundamentals
- ICT Fundamental
- · Business Practice
- Professional Communication
- · Programming I

Year 2

- ICT Electives II
- Application Development Practice
- Applications Development
- Information Systems
- Project II
- Communications Networks Fundamentals
- Multimedia Fundamentals
- · Information Management
- Professional Communication



Year 3

- Work Integrated Learning or ICT Electives III
- Project III
- Project Management
- · Professional Practice
- Application Development Practice
- Application Development Theory
- · Information Systems III

ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Diploma must be met. In addition, students will have the following:

Admission Point Score (APS) of 26

- English (Home or First Additional Language): Level 4
- Mathematics: Level 4

Applicants with the National Certificate Vocational (NCV) level 4:

NCV level 4 with at least 50% for English (Home Language or First Additional Language), 50% for Mathematics and 70% in four IT and Computer Science subjects.

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL),

Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Diploma will be able to apply for admission to an Advanced Diploma in ICT at UMP or another Higher Education Institution.

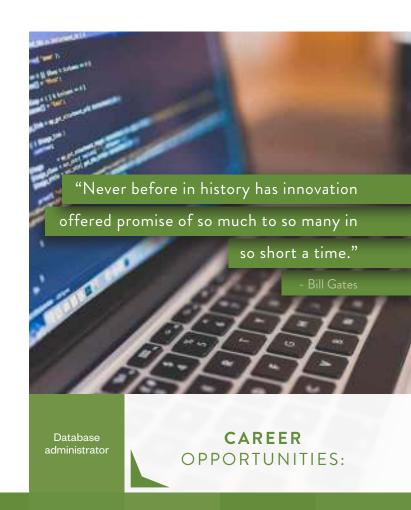
ENQUIRIES

Faculty of Agriculture and Natural Sciences

Mr Norwell Zhakata (Programme Leader)

Tel: +27 13 002 0213 Fax: +27 13 755 1110

E-mail: norwell.zhakata@ump.ac.za



Other numerous entrepreneurial opportunities

Systems Systems analyst developer

Support specialist

Programmer



The nature of agriculture has changed to such an extent that it has to be managed as a business. To ensure success in an agricultural career, it is essential that technical knowledge and skills are applied and integrated with managerial and management skills.

The UMP Agricultural Management students are equipped with knowledge and skills which are particularly suitable for a career in agriculture, or for any managerial position in agricultural related fields.

ADVANCED DIPLOMA IN AGRICULTURAL PRODUCTION MANAGEMENT

Advanced Diploma in Agricultural Production Management at UMP aims to equip students with the skills, knowledge and attitude needed to contribute to building the capacity of farmers, industries and agricultural sectors to innovate and to engage in market-oriented sustainable agricultural production, agricultural management, diversification of products and value adding.

The graduates will contribute to strengthening the capacity of the nation to meet its agricultural objectives. They will help meet the demand for professional practitioners who can participate in leading South Africa agriculture through the complex world of agricultural production management while at the same time supporting and helping to expand commercial agricultural activities and production management.



DURATION:

Advanced Diploma Agricultural Production Management is a one-year, 120 credit, with NQF exit level 7 qualification.

CURRICULUM:

Advanced Diploma Agricultural Production Management can be taken full-time over one year or part time over two years. The focus of this programme is on policy and practice, and students will complete modules in Crops and Horticulture; Small and Large stock; Strategic Management; Project Management for Development; Agricultural Production Management and Experiential Learning. The Advanced Diploma in Agricultural Production Management includes a period of Work Integrated Learning in which Production Management concepts, principles, methods and tools are applied in a real-world agricultural management and production setting.

ADMISSION REQUIREMENTS:

The minimum entrance requirement for the Advanced Diploma in Agricultural Production Management is a level 6 Diploma in Agriculture. Applicants with a Bachelors' Degree in Agriculture who wish to study Agricultural Production Management will also be considered.

RECOGNITION OF PRIOR LEARNING (RPL) AND **CREDIT ACCUMULATION AND TRANSFER (CAT):**

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

officer

Students after successfully completing this Advanced Diploma in Agricultural Production Management will be able to apply for admission to the Bachelor of Agriculture (Honours) in Agriculture at UMP.

> Production manager

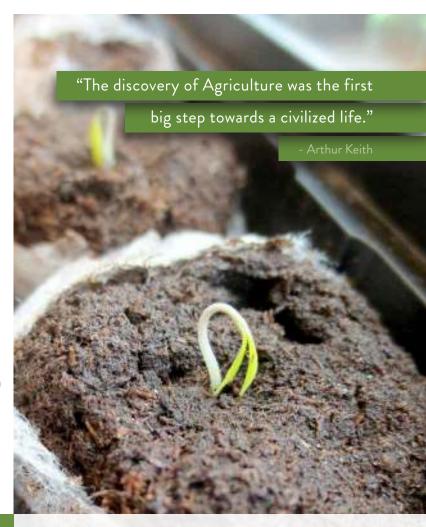
ENQUIRIES

Faculty of Agriculture and Natural Sciences

Prof Victor Mlambo (Programme Leader)

Tel: +27 13 002 0249 Fax: +27 13 755 1110

E-mail: victor.mlambo@ump.ac.za





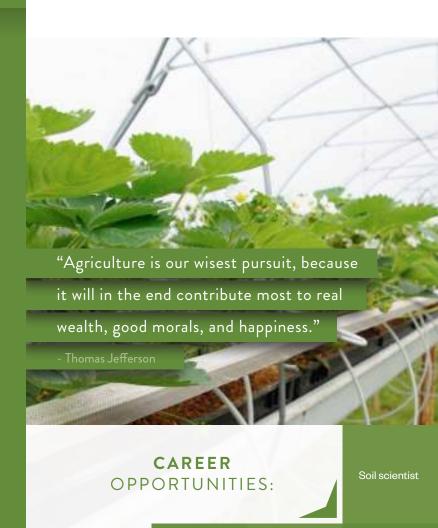
The agriculture, forestry and fisheries sectors are crucial to South Africa's socio-economic development.

However, the future of these sectors depends on critical issues such as climate change, population growth, skills shortages, changes in consumer needs and shifts in the global economy and related markets. As one of the most employment-intensive sectors of the economy, agriculture's potential impact on empowerment and poverty relief is immense.

The UMP's Faculty of Agriculture and Natural Sciences offers some of the much needed skills and competencies as informed by AgriSETA and Commodity groups to sustain a healthy and well developed agricultural sector. The study programmes in this faculty are designed to produce graduates whose skills equip them to access a variety of career opportunities. Students are trained to approach the future as entrepreneurs capable of easily adapting and navigating through the ever changing circumstances.

DIPLOMA IN AGRICULTURE IN PLANT PRODUCTION

The Diploma in Agriculture in Plant Production focuses on plant production; Agronomy (mainly maize, potatoes and sugarcane), Vegetable Production (such as carrots, cabbage, spinach, lettuce), and Fruit Production (citrus and subtropical fruits). The areas of study covered by the programme include; Crop Production, Water Management and Farm Management. The candidates looking for a career in this field need to be hard working and have a passion for agriculture and entrepreneurship.



Research

Pack house

manager/

inspector

Further

university

studv

DURATION:

The Diploma in Agriculture in Plant Production is a three-year, 360 credit, exit level 6 qualification.

CURRICULUM:

Year 1 & 2

In the first two years, students are exposed to theoretical and practical aspects of Plant Production including Soil Science, Plant Protection and Propagation, Farm Management, Botany, Agricultural Engineering, Agronomy, Fruit Production, Vegetable Production and Water Management.

Year 3

In the third year, students spend the full year on a commercial farm to learn the relevant skills required by the industry and during which there is the opportunity to apply theoretical and practical knowledge and skills in a real world setting.

ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Diploma must be met. In addition, students will have the following:

Minimum Admission Point Score (APS):

- 25 With Mathematics
- 26 With Mathematical Literacy
- English (Home or First Additional Language): Level 4
- Mathematics: Level 3
- · Mathematical Literacy: Level 4
- · Agriculture: Level 4



Applicants with the National Certificate Vocational (NCV) level 4:

NCV level 4, in Primary Agriculture with at least 50% for English (Home language or First Additional Language), 40% for Mathematics or 50% for Mathematical Literacy.

RECOGNITION OF PRIOR LEARNING (RPL) AND **CREDIT ACCUMULATION AND TRANSFER (CAT):**

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Diploma will be able to apply for admission to an Advanced Diploma in Agriculture at UMP or another Higher Education Institution.

ENQUIRIES

Faculty of Agriculture and Natural Sciences

Mr John Seema (Programme Leader)

Tel: +27 13 002 0175

Fax: +27 13 755 1110

E-mail: john.seema@ump.ac.za

Production Farmer manager Farm Commodity

manager

Agricultural advisor



With so many South Africans trapped in a cycle of poverty, multi-faceted and innovative approaches to conservation are needed to build regional capacity at every level in order to increase environmental and social resilience to climate change, and to set a course for development which will sustain communities and the ecosystems that support them into the future.

Graduates from the UMP's Faculty of Agriculture and Natural Sciences are expected to be able to contribute competently, independently, creatively and innovatively to assist in generating various solutions for nature conservation in the region and more widely.

DIPLOMA INNATURE CONSERVATION

The Diploma in Nature Conservation is designed to enhance the supply of graduates with a sound understanding of relevant theory associated with nature conservation and a well-developed ability to apply the theory in practice. The programme includes foundational subjects such as Animal and Plant Science, Soil Science and management courses including Accounting and Human Resource Management; and major subjects including Conservation Ecology, Environmental Management and Resource Management. The third year is a year of work integrated learning during which students will be placed in the industry.

By allowing students to focus on a particular aspect of conservation such as the conservation of birds or endangered flora, our graduates will have a competitive edge over those from other similar programmes.

DURATION:

The Diploma in Nature Conservation is a three-year, 360 credit, exit level 6 qualification.

CURRICULUM:

Year 1 & 2

In the first two years, students are exposed to theoretical and practical topics including Conservation Ecology; Plant and Animal Studies; Environmental Management; Resource Management; Cost and Management Accounting; Human Resource Management Community Based Resource Management; Environmental Education; Fire Ecology and Soil Science.

Year 3

During the third year of study students will commit to a full year of work integrated learning in which they will be placed on a nature conservation establishment. During this time there is the opportunity to apply theoretical and practical knowledge and skills in a real world setting.



ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Diploma must be met. In addition, students will have the following:

Admission Points Score (APS):

- 29 With Mathematics
- 30 With Mathematical Literacy
- English (Home or First Additional Language): Level 4
- · Mathematics: Level 2
- Mathematical Literacy: Level 3
- · One of Life Sciences or Geography: Level 4

Applicants with the National Certificate Vocational (NCV) level 4:

NCV level 4, in Primary Agriculture with at least 50% for English (Home Language or First Additional Language), 30% for Mathematics or 40% for Mathematical Literacy.

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Diploma will be able to apply for admission to an Advanced Diploma in Nature Conservation at UMP or another Higher Education Institution.

| ENQUIRIES

Faculty of Agriculture and Natural Sciences

Dr John Cornell (Programme Leader)

Tel: +27 13 002 0137 Fax: +27 13 755 1110

E-mail: john.cornell@ump.ac.za



CAREER
OPPORTUNITIES:

Nature reserve managers

Nature conservation and zoology

In environmenta education

In research offering specialist services sucl as botany

Nature conservationists

Conservation biology



South Africa is characterised by high levels of poverty and Agriculture remains an important sector despite its relatively small contribution to the gross domestic product (GDP). The sector plays an important role in terms of job creation, especially in rural areas, but is also a foremost earner of foreign exchange.

Agriculture's prominent role in the economy is a result of backward and forward linkages with other sectors. Purchases of intermediate goods and services form backward linkages with the manufacturing sector, while forward linkages are established through the supply of raw materials to industry.

The Bachelor of Agriculture in Agricultural Extension and Rural Resource

Management at UMP affords graduates the opportunity to acquire knowledge in various subjects within the Agricultural field. The theory of adult learning and experiential learning, research and community engagement, decision making, conflict management and Work Integrated Learning (WIL) form part of the programme offering.

BACHELOR OF AGRICULTURE IN AGRICULTURAL EXTENSION AND RURAL RESOURCE MANAGEMENT

The Bachelor of Agriculture in Agricultural Extension and Rural Resource Management aims to equip agricultural extension practitioners with the skills, knowledge and attitude needed to contribute to building the capacity of farmers to innovate and to engage in market-oriented sustainable agricultural production, diversification of products and value adding.

Graduates will contribute to strengthening the capacity of the nation to meet its agricultural objectives. They will help meet the demand for professional practitioners who can participate in leading South African agriculture through the complex world of agricultural and rural transformation while at the same time, supporting and helping to expand commercial agricultural activity and production.



DURATION:

The Bachelor of Agriculture in Agricultural Extension and Rural Resource Management is a three-year, 360 credit, exit level 7 qualification.

CURRICULUM:

The modules offered within the programme combine topics in agriculture such as Crop and Animal Production, Plant Propagation and Plant Protection, Farm Management and Conservation, and Mechanisation, with topics in Agricultural Extension including Rural Wealth Creation, Development of Economic Systems, Designing Extension Programmes, Extension Communication, Natural Resource Conservation, and Introduction to Rural Development and Extension. In third year there is a period of work integrated learning during which the knowledge and skills developed in the first two years are applied in a real world work environment.

ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Bachelor's Degree must be met. In addition, students will have the following:

Admission Point Score (APS):

- 28 With Mathematics
- 30 With Mathematical Literacy
- English (Home or First Additional Language): Level 4
- · Mathematics: Level 4
- · Mathematical Literacy: Level 6
- One of Agriculture, Life Science or Physical Science: Level 4

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Bachelor's Degree will be able to apply for admission to the Bachelor of Agriculture (Honours) in Agricultural Extension and Rural Resource Management at UMP or another Higher Education Institution.

ENQUIRIES

Faculty of Agriculture and Natural Sciences

Dr Isaac Agholor (Programme Leader)

Tel: +27 13 002 0131 Fax: +27 13 755 1110

E-mail: isaac.agholor@ump.ac.za



Agricultural advisors

Rural resource conservation experts

Agro-business consultants

Education and training

Agro-project managers

Self-employment

Agricultural liaison officers

Public extension advisors

Researchers

CAREER
OPPORTUNITIES:

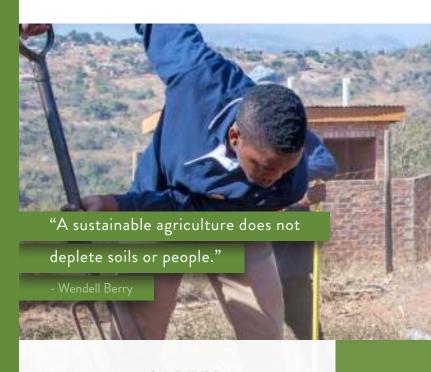


The South African economy requires active participation of agricultural extension practitioners with specific multi-disciplinary knowledge and skills who facilitate learning amongst farmers and rural communities and are equipped to support their efforts to improve livelihoods, production capabilities and management capacities in the Agricultural sector.

The Bachelor of Agriculture Honours in Agricultural Extension and Rural Resource Management programme at UMP is designed to build the capacity of extension services through the provision of training and education that is relevant to the urgent issues facing agricultural and rural development. The programme offers a powerful combination of theoretical knowledge and practical skills in agricultural extension, rural development, agricultural production, farm economics and management.

BACHELOR OF AGRICULTURE HONOURS IN AGRICULTURAL EXTENSION AND RURAL RESOURCE MANAGEMENT

The purpose of the degree is to develop the capacity of Agricultural Extension practitioners who will work in agricultural and rural development in the NGO sector, for government service, for agri-business and for other private sector companies involved with farmers and rural communities. Graduates will contribute to enhance the quality and effectiveness of agricultural extension services. They will help meet the demand for professionals who can lead and manage agricultural extension through the complex world of agricultural and rural transformation.



CAREER
OPPORTUNITIES:

Education and training

Agro-business consultants

Self-employment

Qualifying learners will gain specialised competencies in terms of communication, behaviour change, facilitation, leadership and group dynamics, adult learning, technology innovation and transfer, project planning and management, extension evaluation and community development. Competencies also include client orientation and customer focus, service delivery innovation, problem solving, honesty and integrity and people management and empowerment. The programme prepares graduate for further study and research in Agricultural Extension.

DURATION:

The Bachelor of Agriculture Honours in Agricultural Extension and Rural Resource Management is a one-year, 120 credit, exit Level 8 qualification.

CURRICULUM:

The curriculum is grounded in five key themes: systems thinking; agricultural extension in a learning framework; project design for development; research; and self-directed application based praxis learning. Together these themes augment the extension learning in place to enable students to acquire the capacity to practice agricultural extension in a development and capacity building context and to conduct primary and secondary research in agricultural extension. The curriculum has been designed to develop the capacity of Agricultural Extension practitioners who will work in agricultural and rural development in private and public sectors.

ADMISSION REQUIREMENTS:

Students with the following qualifications will be considered for admission into this degree:

- Bachelor of Agriculture (NQF7) with a minimum credit-weighted third-year average mark of 60%.
- Advanced Diploma in Agricultural Extension (NQF7) (or similar agricultural qualification at least at NQF 7) with a minimum credit-weighted average of 60%.



RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students successfully completing this degree will be able to apply for admission into Masters level studies.

ENQUIRIES

Faculty of Agriculture and Natural Sciences

Prof Funso A Kutu (Programme Leader)

Tel: +27 13 002 0218 Fax: +27 13 755 1110

E-mail: funso.kutu@ump.ac.za

Community Rural
resource Farm resource
management managers conservation
personnel experts

Private extension officers

Agro-project managers

Agricultural liaison officers

Public extension advisors

Researchers

Agricultural advisors



Agriculture is the foundation of developing economies. As one of these economies. South Africa needs to ensure a healthy agricultural industry that contributes to the country's gross domestic product (GDP), food security, social welfare, job creation and ecotourism, while adding value to raw materials. But the health of the agricultural sector depends on the sustainability of farming methods. Farming practices must therefore not only protect the long-term productivity of the land, but must also ensure profitable yields and the well-being of farmers and farm workers.

The Advanced Diploma in Agriculture in Agricultural Extension at UMP was developed to meet the demands of the changing agricultural landscape in South Africa.

ADVANCED DIPLOMA IN AGRICULTURE IN AGRICULTURAL EXTENSION

The Advanced Diploma in Agriculture in Agricultural Extension at UMP aims to equip agricultural extension practitioners with the skills, knowledge and attitude needed to contribute to building the capacity of farmers to innovate and to engage in market-oriented sustainable agricultural production, diversification of products and value adding.

Graduates will contribute to strengthening the capacity of the nation to meet its agricultural objectives. They will help meet the demand for professional practitioners who can participate in leading South African agriculture through the complex world of agricultural and rural transformation while at the same time supporting and helping to expand commercial agricultural activity and production.



CAREER
OPPORTUNITIES:

The training programme provides a skills set that will enable graduates to establish agricultural consultancies

Employment opportunities exist in the following commodity groups like South African Sugar Research Institute, the Citrus Growers Association, Cotton SA and Grain SA

Various commodity groups need agricultural extension practitioners who can work within the South African changing landscapes

DURATION:

The Advanced Diploma in Agriculture in Agricultural Extension is a one-year, 120 credit, exit level 7 qualification.

CURRICULUM:

The Advanced Diploma in Agriculture in Agricultural Extension can be taken full-time over one year or part-time over two years.

The focus in this Advanced Diploma is on policy and practice, and students will complete modules in Extension Theory & Policy Context; Planning Extension Programmes and Projects; Strategic Management and Principles and Practices of Management for Development. The Advanced Diploma includes a period of Work Integrated Learning in which extension and management concepts, principles, methods and tools are applied in a real-world agricultural extension setting.

ADMISSION REQUIREMENTS:

The minimum entrance requirement for the Advanced Diploma is a Level 6 Diploma in Agriculture. Applicants with a Bachelor's Degree in Agriculture who wish to study agricultural extension will also be considered.

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Advanced Diploma will be able to apply for admission to the Bachelor of Agriculture (Honours) in Agricultural Extension and Rural Resource Management at UMP.

ENQUIRIES

Faculty of Agriculture and Natural Sciences

Dr Jorine Ndoro (Programme Leader)

Tel: +27 13 002 0166

Fax: +27 13 755 1110

E-mail: jorine.ndoro@ump.ac.za



Employment
opportunities
also exists with
Non-governmental
organisations
working towards
agricultural and rural
transformation

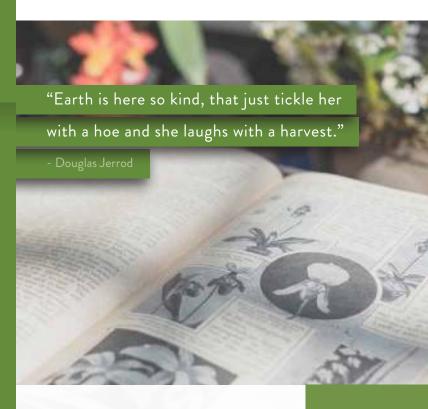


Agriculture is the single most useful field of study that touches every person in terms of providing nutritious food needed for food security. It further provides a wide range of clothing and other products to make life comfortable. The production of well qualified agriculturists is necessary for survival of the ever increasing population of mankind on earth. It is the single most important field that teaches modern crop and animal production methods to produce enough food to feed the world.

BACHELOR OF SCIENCE IN AGRICULTURE

UMP, as an African University, strives to lead in creating opportunities for sustainable development through innovation. In line with this statement, the BSc in Agriculture seeks to produce agricultural scientist that will use agricultural methods sustainably to produce food and educate society in such a way that food security is guaranteed. Graduates from the programme will be able to use the latest and relevant scientific farming techniques adapted to our environment.

The BSc in Agriculture has a specific focus on Agricultural Production Operations and allows students to select additional modules from Agricultural Extension, Agricultural and Applied Entomology, Water Management and Environmental Science.



CAREER
OPPORTUNITIES:

Able to continue to complete further research based degree (i.e. Masters and PhD)

DURATION:

The Bachelor of Science in Agriculture is a four-year, 480 credit, exit level 8 qualification.

CURRICULUM:

The first year lays a foundation of key topics including Biology, Environmental Science, Chemistry and South African Agriculture, with support subjects including Computer Science and Numerical and Academic Literacy. In second and third year, all students take the core modules in Agricultural Science and select an elective from Agricultural Extension, Agricultural and Applied Entomology, Water Management and Environmental Science. In the fourth year, students chose one of two streams being Agricultural Science and Agricultural Business.

ADMISSION REQUIREMENTS:

The minimum requirements for admission to a Bachelor's Degree must be met. In addition, students will have the following:

Admission Point Score (APS):

- 30 With Mathematics
- 32 With Mathematical Literacy
- English (Home or First Additional Language): Level 4
- Mathematics: Level 4
- Mathematical Literacy: Level 6
- Life Science: Level 4

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Bachelor's Degree will be able to apply for admission to Masters' Degree in Agriculture or a Master of Science at UMP or another Higher Education Institution.



ENQUIRIES

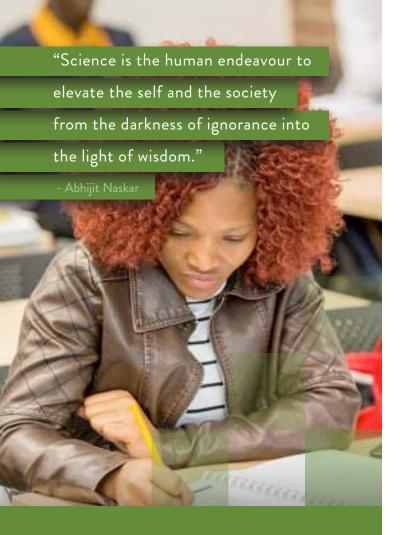
Faculty of Agriculture and Natural Sciences

Mr Lloyd Ganyani (Programme Leader)

Tel: +27 13 002 0142

Fax: +27 13 755 1110

E-mail: lloyd.ganyani@ump.ac.za



The Mpumalanga province, and more broadly South Africa are characterised by competing and often conflicting demands for land for agriculture and forestry, for conservation and tourism, for mining, and for human settlement. Thus, the new generation of natural and geographical scientists must be able to work in this contested space and understand the genuine demands of all the players.

BACHELOR OF SCIENCE DEGREE

The Bachelor of Science Degree (BSc) at the University of Mpumalanga has a strong biological and geographical focus and has been carefully designed to provide very clear career paths for students. Completion of the BSc will provide an essential opportunity for progression for those students who wish to continue with their studies at the University of Mpumalanga. It also provides a route into further postgraduate studies (Honours, Masters and Doctoral studies). The underlying objective of the BSc programme is to enhance and facilitate creativity and promote critical thinking in the natural and geographical sciences.

DURATION:

The BSc programme is a three-year, 360 credit, exit level 7 qualification.

CURRICULUM:

The focus of this BSc qualification will be in the biological, earth and environmental sciences. In first year, all students will take a fixed curriculum in which they do a full year of biology and earth and geographical sciences, and a semester of integrative environmental science. These modules will be supported by a semester of chemistry, a semester of end-user computing and a semester of mathematics.

In second year, there will be separate, year-long, modules in ecology (animal and plant), environmental science, geography (including GIS), entomology and integrated water studies. Students will select three of these.

In third year, the same elective modules will be offered but at qualification level 7. Students will select two of the three modules taken in second year, which will be their major subjects. All combinations will be possible and will prepare students for further studies, or employment in a wide range of fields.

Teaching will be by contact and will include lectures, tutorials, practicals, field trips, group work and online learning.

Throughout the three years, there will be an emphasis on independent research, and third year will include 30 credits (15 per major subject) for research.

ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate (NSC):

The minimum requirements for admission to a Bachelor's Degree must be met. In addition, students will have the following:

Admission Point Score (APS) of 32

- English (Home or First Additional Language): Level 4
- · Mathematics: Level 4
- Mathematical Literacy: Level 6

Applicants with the National Certificate Vocational (NCV) level 4:

NCV level 4 with at least English 50-59% (Home Language or First Additional).

- Mathematics on minimum NSC level 4 or Mathematics literacy on minimum NSC level 6
- A minimum of NSC level 4 for two of Life Science, Physical Science or Geography

South African students who have written under another Examination Board and International students must have similar scores for the same or similar subjects to be considered.

Students who have completed a 360 credit Diploma in an appropriate field such as conservation will be considered for this degree.

Students will be considered on a monthly basis and students who meet or exceed the minimum entrance requirements will be offered places.

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning

(RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who complete this Degree successfully will be able to articulate horizontally and diagonally between this general BSc, and our existing BSc (Agriculture). Graduates from the BSc will be able to continue into Honours programmes in any of the subjects in which they will have majored at UMP or another higher education institution.

ENQUIRIES

Faculty of Agriculture and Natural Sciences

Prof Dan Parker (Head of School)

Tel: +27 13 002 0223 Fax: +27 13 755 1110

E-mail: daniel.parker@ump.ac.za



Health care provider

CAREER
OPPORTUNITIES:

Geological survey department

Wildlife and fisheries

Agriculture industry

Oil industry

Forensic researcher

Teaching

Industrial lab technicians

Biotechnologist

Conservation specialist

Pharmaceuticals and Biotechnology Industry

Researcher

Crime researcher

Environmental manager



Agriculture Science and Post-Harvest
Technology in South Africa contribute
to the country's global competitiveness,
as well as the domestic and
export-oriented fresh
horticultural industry.

The Advanced Diploma in Agricultural in Post-Harvest Technology at UMP prepares students for careers in Agriculture Science and Technology. This would include the handling, transportation, storage and maintenance of produce quality from grower to consumer.

ADVANCED DIPLOMA IN AGRICULTURE IN POST-HARVEST TECHNOLOGY

Advanced Diploma in Agricultural in Post-Harvest
Technology aims to train students to the latest thinking
in the management of post-harvest processes.
Identifying the best practices of harvesting, minimising
losses, increasing shelf life, transportation, processing
and storage of field crop. The focus is on the
management of processes with the ultimate goal of
increasing efficiency and effectiveness.

Upon completion graduates will be able to contribute towards building the capacity of the national post-harvest value chain, including human capacity, systems and value-adding technologies and processes. Graduates will meet the demands of the changing agricultural landscape in South Africa. Supporting the agricultural transformation and assisting the majority of the population which has been marginalised and generally denied meaningful access to the agricultural sector of the South African economy.

DURATION:

The Advanced Diploma in Agricultural in Post-Harvest Technology is a one-year, 120 credit, exit Level 7 qualification.





CURRICULUM:

Students will complete modules in; Effective Post-Harvest Management (30 Credits), Post-Harvest Processing and Engineering (30 Credits), Strategic Management (15 Credits), Principles and Practices of Management for Development (15 Credits) and Post-Harvest Experiential Learning (30 Credits). A period of work integrated learning is included in the Advanced Diploma, where students will apply concepts taught in a real-world setting.

ADMISSION REQUIREMENTS:

The minimum requirement for admission to an Advanced Diploma is a three-year Diploma in Agriculture at Level 6, with an average of 60% for modules taken at third-year.

RECOGNITION OF PRIOR LEARNING (RPL) AND **CREDIT ACCUMULATION AND TRANSFER (CAT):**

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students that complete the Advanced Diploma will be able to apply for admission into Honours in Agriculture, which may further be followed by a Masters in Agriculture.

ENQUIRIES

Faculty of Agriculture and Natural Sciences

Prof Victor Mlambo (Programme Leader)

Tel: +27 13 002 0249

Fax: +27 13 755 1110

E-mail: victor.mlambo@ump.ac.za



Seed production manager

Crop

Lecturer/ production professor

CAREER OPPORTUNITIES:



The purpose of this Bachelor of Arts qualification is to provide students with an opportunity to gain a fuller understanding of the social world in which they live; an opportunity to engage critically with our society, politics and cultures; and an opportunity to further develop linguistic competencies.

The curriculum provides a firm grounding in first year in social studies, which includes Sociology, Psychology and Industrial Psychology, and two Languages. Students may proceed to increased depth and specialisation in the majority of subjects through majoring in them.

BACHELOR OF ARTS (BA) DEGREE

A Bachelor of Arts degree provides a solid foundation for a number of career options. For example, majoring in Psychology and Sociology would enable a student to enter careers related to youth development and social policy development. Majoring in Industrial Psychology and SiSwati would enable a student to work in Human Resources with a particular focus on cultural sensitivity. Geography and Sociology would also enable one to seek careers in regionally-specific development initiatives. Any interest in working in development could further be enhanced by selecting economics or development studies.

The underlying objective of the BA degree programme is to enhance and facilitate creativity and critical thinking such that our graduates should also be able to forge new paths in careers that have yet to be identified.

DURATION:

The Bachelor of Arts degree is a three-year, 360 credit, exit level 7 qualification.

CURRICULUM:

The curriculum of the BA is designed to provide students with a solid foundation in the Humanities and Social Sciences and to gain a fuller understanding of the social world in which we live.

In first year, students select one of English 1 or Communication Studies 1, plus four subjects from a range which presently includes SiSwati 1, Sociology 1, Psychology 1 OR Industrial Psychology 1, Economics 1, Cultural Studies 1, and Geography 1. We will increase this range of subjects to include other African languages and other subjects including Politics and Anthropology.

In second year, students will continue with either English or Communication Studies and three of the other subjects taken in first year.

In third year, students continue with either English or Communication Studies and two of the subjects taken in second year.



PROGRESSION:

Students will be able to articulate horizontally and diagonally between this general BA, and our existing B Development Studies. Graduates from the BA will be able to continue into Honours programmes in any of the subjects in which they will have majored.

| ENQUIRIES

Dr Leon Bezuidenhoud (Acting Programme Leader)

Tel: +27 13 002 0233 Fax: +27 13 755 1110

E-mail: l.bezuidenhoud@ump.ac.za

ADMISSION REQUIREMENTS:

Applicants with the National Senior Certificate:

The minimum requirements for admission to a degree must be met. In addition, students will have the following:

Admission Point Score (APS) of 30

- English Language (Home or First Additional Language): Level 4
- Mathematics: Level 2
- Mathematical Literacy: Level 3

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) will be applied.



Facilitator

Researcher

CAREEROPPORTUNITIES:

Creative administrator

Academics

Cultural officer

Recruitment officer



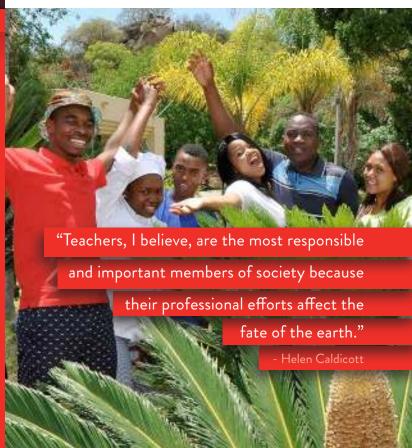
BACHELOR OF EDUCATION IN FOUNDATION PHASE TEACHING

The UMP Bachelor of Education in Foundation Phase Teaching is aligned with the new Higher Education Qualifications Framework's (HEQF) guidelines. The degree will equip Foundation Phase classroom teachers with the knowledge, skills and applied competencies for employability and further specialised study, in support of the principles of life-long learning.

Prospective students for this programme need to have a genuine love and passion for working with, and understanding the development of the young child. They should be interested in becoming part of a noble profession which has as its main focus the education of children in the Foundation Phase. Students need to be flexible, willing to learn and to face up to the challenges presented by the South African context.

The UMP's Bachelor of Education in Foundation Phase Teaching programme is an undergraduate professional qualification aimed at preparing graduates to teach from Grades R to 3.

Offered at the UMP's Siyabuswa
Campus, the four-year Bachelor degree
is structured in accordance with the
Department of Higher Education and
Training's (DHET) Minimum
Requirements for Teacher Education
Qualifications (July 2011).





DURATION:

The Bachelor of Education in Foundation Phase Teaching programme is a four-year, 480 credit, exit level 7 qualification.

CURRICULUM:

The Bachelor of Education in Foundation Phase Teaching aims to provide graduates with skills for the teaching profession, and related careers in education. The programmes focus exclusively on training students in Foundation Phase Teaching and provides a fundamental and comprehensive education underpinned by subject knowledge in the teaching of Language, Mathematics and Life Skills in Grades 1 to 3 as well as enabling Foundation Phase teachers to prepare Grade R learners for formal learning. There is a focus on educational theory and methodology aligned with the requirements for a professionally qualified beginner teacher.

Areas of study covered by the programme are: English for Foundation Phase; siSwati or isiNdebele for Foundation Phase (electives); Mathematics for Foundation Phase; Life Skills for Foundation phase; Teaching and Computer Technology; Education Studies; and practicum training within the profession. In the first three years, students spend time in the adjacent teaching school where they begin to develop their teaching practice. In the final year students are placed at a school for work-place based learning where they begin to apply the theory, knowledge and skills developed in the first three years, in a real world setting.

ADMISSION REQUIREMENTS:

The minimum requirements for admission to a Bachelor's Degree must be met. In addition, students will have the following:

Minimum Admission Point Score (APS):

- 28 With Mathematics
- 29 With Mathematical Literacy
- English (Home or First Additional Language): Level 4
- · Second Recognised Language: Level 4
- Mathematics: Level 3
- Mathematical Literacy: Level 4
- · Second Recognised Language: Level 4

RECOGNITION OF PRIOR LEARNING (RPL) AND CREDIT ACCUMULATION AND TRANSFER (CAT):

Applicants wishing to be considered for admission in terms of RPL or to have credits transferred to this programme must indicate this on their application. The University policy on Recognition of Prior Learning (RPL), Credit Accumulation and Transfer (CAT) will be applied.

PROGRESSION:

Students who successfully complete this Bachelor's Degree will be able to apply for admission to Bachelor of Education (Honours) in Foundation Phase Teaching at UMP or another Higher Education Institution.

ENQUIRIES

Dr Juliet Masalesa (Programme Leader)

Tel: +27 13 002 0833

Can be linked to other areas such as development studies that allow for opportunities in development projects

CAREER
OPPORTUNITIES:

School management

Educational consultancy

Specialising in inclusive education at the Foundation Phase

Teaching from Grade R to 3



www.facebook.com/ump.ac.za

Mbombela Campus (Main Campus)

Private Bag X 11283, Mbombela, 1200 c/o D725 and R40, Riverside, Mbombela, South Africa, 1200 Tel: +27 13 002 0001

Siyabuswa Campus

Private Bag X 4011, Siyabuswa, 0472 Bhekimfundo Drive, Siyabuswa, South Africa, 0472 Tel: +27 13 002 0800

General Enquiries (Switchboard)

Tel: +27 13 002 0001 E-mail: info@ump.ac.za Web: www.ump.ac.za

