



**BELGIUM
CAMPUS**
iTversity

It's the way we're *wired* 

**19
ESTABLISHED IN
99**



An Introduction to
BELGIUM CAMPUS
iTVERSITY

A firm foundation for sustainable ICT growth

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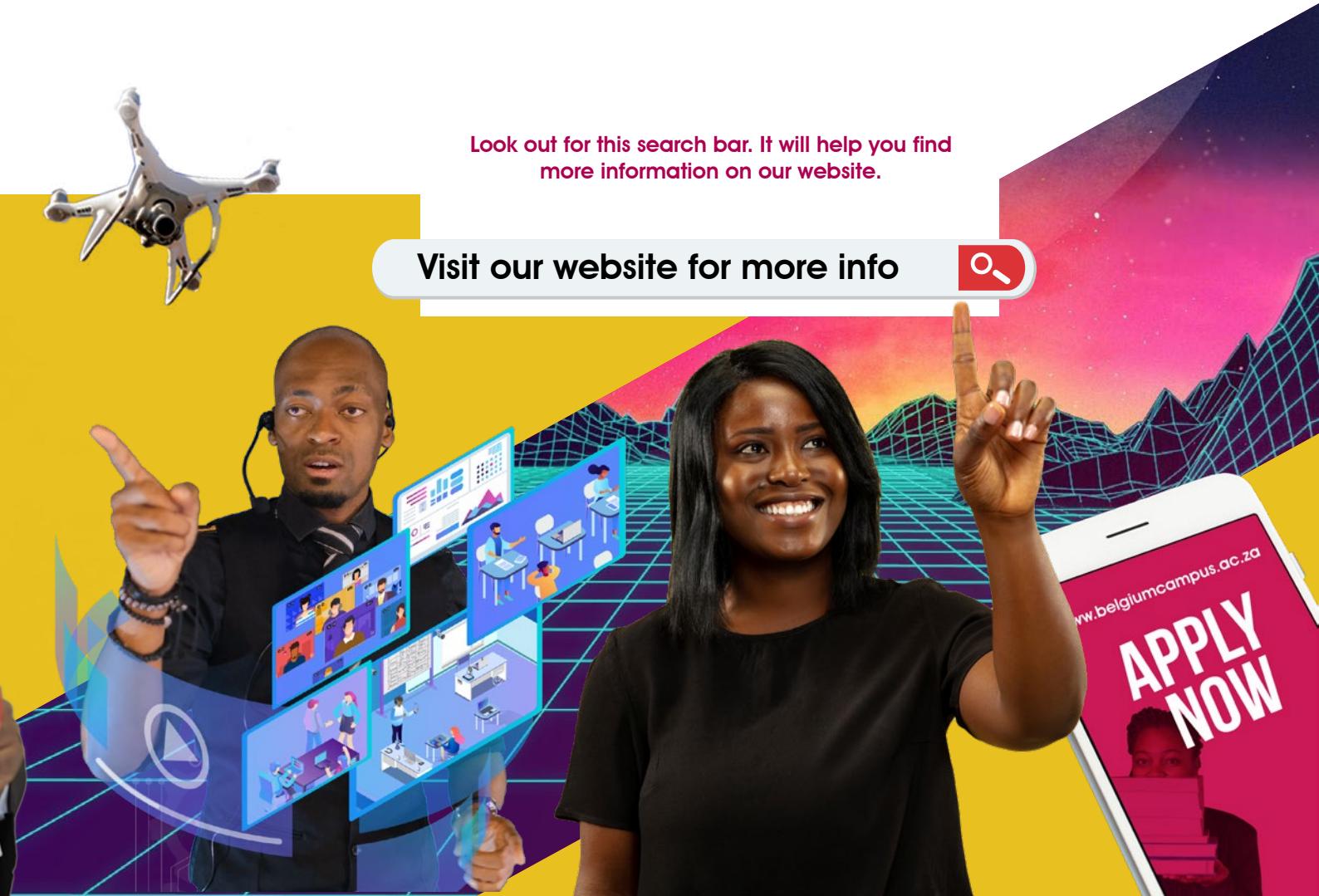
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Look out for this search bar. It will help you find
more information on our website.

Visit our website for more info



BELGIUM CAMPUS iTVERSITY

YOUR GATEWAY TO A SUCCESSFUL I.T. FUTURE

Established in 1999 with the goal of ensuring that all graduates would be employable in an evolving economic environment, Belgium Campus iTversity continues to push the boundaries of higher education to produce sought-after I.T. graduates who are ready to lead in any industry, anywhere in the world!

Our visionary and uncompromising approach to the quality of education we provide allows us to boast a 100% employment rate and provide no fewer than 10 percent of the ICT graduates in South Africa.

Belgium Campus is more than just a higher education institution. It is a gateway to the future as well as a collaborative hub where international and local game changers in academia, business and communities converge to bring innovation, upliftment and value to all our partners.

“ To be able to contribute to the needs of the country is a privilege for Belgium Campus. As an engaged iTversity, we want to expose our students to more experiences, not just in education, but in the fields of research and innovation, through collaborations with other universities, and with the ICT industry itself.

– **Enrico Jacobs**, CEO, Belgium Campus.

”

ARE YOU READY TO EMBARK ON A CAREER IN I.T.?

To gain an outstanding qualification in the most dynamic, adaptive and pivotal industry on earth? The time is now to co-create a shared destiny for the future.





A MESSAGE FROM THE DEAN: PROF THINUS KRITZINGER

The world is in a constant state of flux and I.T. is its driving force. With every sector now relying on I.T., the global demand for competent I.T. professionals far outweighs the supply. However, with the rapid rate at which technology evolves, it is no longer sufficient to only study the technology that is currently in existence. Succeeding in today's world requires analytical thinking and a sound understanding of the changing needs of industry.

At Belgium Campus, we prepare our students for the future of work by working closely with industry and international universities to provide industry-relevant qualifications that meet international standards. Our curriculum places considerable importance on experiential learning, where students are exposed to real-life projects in the workplace from their very first year of study.

This allows us to produce future-proof graduates with the critical thinking, problem-solving and decision-making skills necessary to make a real difference in the world.

ARE YOU READY TO CHANGE THE WORLD?

Turn the page and take the next step towards unlocking your true potential as a software engineer, software developer, systems architect, business intelligence expert, data analyst, systems and infrastructure expert, data miner or web developer.

The possibilities are endless!



2 COURSES WE OFFER

BACHELOR OF COMPUTING

A peer review conducted by international universities KU Leuven and UAntwerpen, found this programme to be more advanced than an academic bachelor programme of European standards.

Our Bachelor of Computing will teach you the essential computing skills of troubleshooting and formulating viable solutions. You will learn to apply theories and integrate them in real-world environments, across multiple disciplines, by presenting best practices and solutions. This degree will provide you with sound theoretical knowledge grounded in real-world application.

The practical assignments and projects you will complete are congruent with daily practices in the working world and will provide you with business-specific and soft skills, including communication skills, customer satisfaction training, the ability to work as a team player/team leader, and the ability to teach others.

In the fourth year, you will have the remarkable opportunity to complete an internship at a national or international company. In addition, you will conduct academic research and present your findings in a formal dissertation.



PENN STATE COLLABORATION



DURATION:

4 YEARS

NQF:

LEVEL 8

CREDITS:

506

SAQA ID:

62689

Choose between two exciting specialisations:

► SPECIALISATION IN DATA SCIENCE

This specialisation will give you in-depth knowledge of the processes and techniques used to transform data into information – an essential skill for effective decision- and money-making.

You will learn how to collect and organise data into large-scale data stores and warehouses, how to use mathematical and statistical analysis to develop sound business solutions based on this data, and how to present your findings in reports to stakeholders.

“The Big Data course at **Belgium Campus** was completely different, because you actually saw the practical value of data – not just the technique of how to interact with it, but the value you can gain and the business decisions you can make from data. – **Riaan van Rooyen**, Software Engineering student, **Belgium Campus**. **”**

► SPECIALISATION IN SOFTWARE ENGINEERING

You will be taught the skills to pursue a career constructing data-driven business systems, technical software that controls automated hardware systems and robots, or applications for the lucrative gaming industry.

You will learn to construct desktop and distributed applications through the application of object-oriented, event-driven and asynchronous programming to a range of programming languages. You will develop skills in technical areas, business systems analysis and process engineering.

ADMISSION REQUIREMENTS

- **A National Senior Certificate (or equivalent) endorsed for a Degree.**
- **50% or more for English on the NSC or equivalent.**
- **50% or more for pure mathematics on the NSC.** If you did not take pure mathematics or achieved less than 50%, there is one more option available for you to gain entry, attend our Mathematics Bridging Course.



DURATION:

3 YEARS

NQF:

LEVEL 7

CREDITS:

360

SAQA ID:

94121

CONTINUED...

COURSES WE OFFER

BACHELOR OF INFORMATION TECHNOLOGY

A bachelor's degree remains the entry standard in many professional careers. Its long-term benefits make it well worth the initial investment as it allows you professional entry into some of the top names in I.T., along with the chance to create your own enterprise within the sector.

This degree focuses on information systems modules and will provide you with foundational knowledge in the fields of software engineering and business intelligence. You will cover an extensive range of topics from mobile and wireless networks to artificial intelligence (AI) and intelligent systems.

By placing strong focus on knowledge, execution and professional skills, this qualification will transform you into a complete professional with a range of interesting opportunities to explore, including the development of mobile and web-based apps, and even game development.

The academic programme consists of a generic foundation phase and a specialisation phase. The foundation phase gives insight into the field of I.T. while the specialisation phase is career-oriented and aligned with real-world industry requirements.

► SPECIALISATION IN SOFTWARE DEVELOPMENT

The knowledge you gain in object-oriented and event-driven programming will mould you into a world-class programmer. You will learn to develop functional software programs from the designs and programming instructions received from systems architects, software engineers or systems designers.

The applications you develop will be deployed on desktops, networked computers, the internet and multiplatform devices.



INNOVATION PROJECT

ADMISSION REQUIREMENTS

- A National Senior Certificate (or equivalent) endorsed for a Degree.
- 50% or more for English on the NSC or equivalent.
- 50% or more for pure mathematics on the NSC or equivalent. If you did not take pure mathematics or achieved less than 50%, there is one more option available for you to gain entry, attend our Mathematics Bridging Course.

PART-TIME STUDIES

BACHELOR OF INFORMATION TECHNOLOGY

Our Bachelor of Information Technology is also available part-time for those who are passionate about software development, but are unable to attend the programme during the week. It is a full contact mode programme, with lectures presented on Saturdays between 8am and 5pm.

ADDITIONAL INFORMATION

- ▶ Classes span 30 Saturdays throughout the year.
- ▶ Five-year course for students who have not studied I.T. in the past.
- ▶ Students with prior I.T. qualifications can complete the course in a shorter period (based on Recognition of Prior Learning).

E-LIBRARY

We now have a full e-library where all students can access the world-class academic material.



CONTINUED...

COURSES WE OFFER

DIPLOMA IN INFORMATION TECHNOLOGY

This empowering diploma will equip you with the skills necessary to quickly launch your career by developing your core competencies in a single discipline. You will be groomed into a complete professional through a strong focus on knowledge, execution and professional skills, which are seamlessly integrated into the curriculum.

The academic programme consists of a generic foundation phase and a specialisation phase. The foundation phase gives insight into the field of I.T. while the specialisation phase is career-oriented and aligned with real-world industry requirements.

Choose between two exciting specialisations:

► **SPECIALISATION IN SOFTWARE DEVELOPMENT**

This specialisation enables you to become a world-class programmer with extensive knowledge in object-oriented and event-driven programming. The applications you develop will be deployed on desktops, networked computers, the internet and multi-platform devices.

In the working world, you'll typically be part of a team who turns the designs and programming instructions received from systems architects, software engineers or systems designers into working software programs that satisfy the requirements of the parties who commissioned them.



DURATION:

3 YEARS

NQF:

LEVEL 6

CREDITS:

360

SAQA ID:

62621





► **SPECIALISATION IN INFRASTRUCTURE**

This specialisation will transform you into a skilled systems and/or network administrator, responsible for installing, maintaining and upgrading networked desktops, servers and mobile devices.

Your job will entail making sure that users have access to all resources on the network, internet or in the cloud, while also safeguarding the intellectual property of individuals or companies – no mean feat!



ADMISSION REQUIREMENTS

- A National Senior Certificate (or equivalent) endorsed for a Diploma.

DIPLOMA IN I.T. **FOR DEAF AND HARD OF HEARING STUDENTS**

We are proud to be one of the few higher education institutions in South Africa that provide a Diploma in Information Technology specifically designed for the Deaf and hard of hearing.

Consisting of 3 years of classroom contact and 1 year of industry training, this diploma allows our Deaf and hard of hearing students to write identical assessments, tests and exams as their hearing peers, in order to graduate with an NQF level 6 qualification.



Our Deaf and hard of hearing students have the invaluable experience of working with hearing peers throughout their studies. This, combined with their year of workplace training, ensures that they can enter the working environment with confidence.

Belgium Campus believes everyone should receive an equal opportunity to pursue their dreams and ambitions. For this reason, all our facilities are perfectly suited for disabled students.

- **Jan Rombouts, Chairman, Belgium Campus.**

Our curriculum is customised for students who use South African Sign Language (SASL) as their preferred method of communication, and we provide SASL interpreters throughout the 3 years of classroom contact and 1 year of industry training.

Our classes are limited to a maximum of 10 students to ensure each student receives dedicated attention, and our half moon seating arrangement is optimal for students who are learning through sign language.

We are continually refining and adjusting our approach for the benefit of our students.



DURATION:

4 YEARS

NQF:

LEVEL 6

CREDITS:

360

SAQA ID:

62621

ADMISSION REQUIREMENTS

- A National Senior Certificate (or equivalent) endorsed for a Diploma.
- 50% or more for the Belgium Campus Aptitude Test.
- An audiogram no older than 6 months.
- A South African ID.

CONTINUED COURSES WE OFFER

HIGHER CERTIFICATES IN INFORMATION TECHNOLOGY

Our higher certificate programmes offer an affordable option to quickly launch your I.T. career. They also serve as a stepping stone into one of our other programmes if you did not meet the necessary entry requirements.

Accredited by MICT SETA and aligned on the NQF with the South African Qualifications Authority, these certificates are created in line with our mission to promote gainful employment by training young people to understand, use and apply I.T. in effective, efficient and ethical ways.

As purely vocational programmes, these certificates are designed to provide you with the immediate, hands-on, specialised knowledge necessary to quickly enter industry.

You will be given practical training in solving operational business problems in the areas of systems hardware, networking, security and database components. You will also gain the theoretical knowledge to design, develop, test and document software solutions used in today's business environment, including object-orientated programming.

HIGHER CERTIFICATE (SYSTEMS DEVELOPMENT)

On completion of this qualification, you will possess a specialised set of skills that will allow you to enter the working world with confidence.

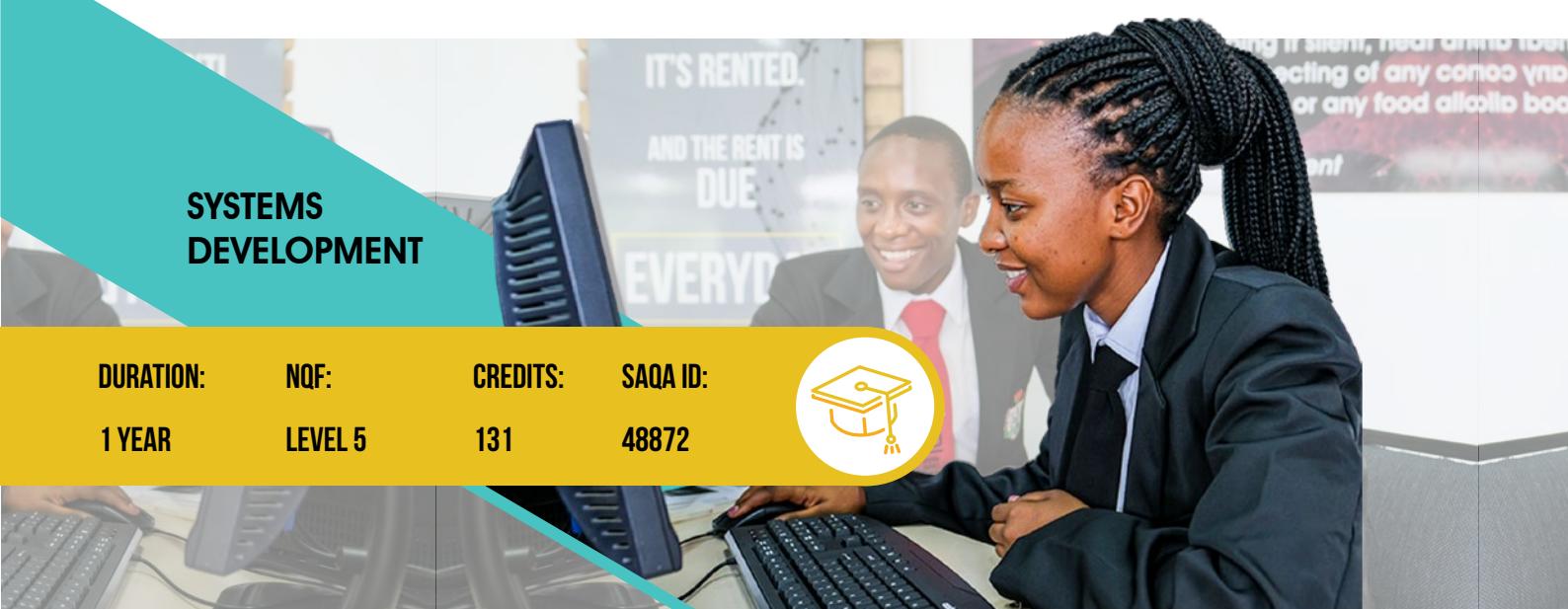
You will have a solid grasp of computer industry concepts and be able to work in areas of systems development with intermediate technical difficulty. You will also gain the necessary undergraduate foundation to further your studies in the I.T. field at a higher education level.

ADMISSION REQUIREMENTS

- A National Senior Certificate (or equivalent) endorsed for a Higher Certificate.

SYSTEMS DEVELOPMENT

DURATION: NQF: CREDITS: SAQA ID:
1 YEAR LEVEL 5 131 48872



HIGHER CERTIFICATE (DATABASE DEVELOPMENT)

The amount of data in the world is increasing at an exponential rate. The emergence of 'big data' has completely transformed how companies do business and the way they understand their customers, with companies using large volumes of data to identify trends and patterns, and predict future consumer behaviour.

With the above in mind, it is not surprising that the demand for skilled data experts with advanced database skills is on the increase. This qualification will provide you with these skills, allowing you to quickly find employment and thrive in today's business environment. The knowledge and skills you gain will equip you to complete complex tasks and procedures in the data science space.

ADMISSION REQUIREMENTS

- A National Senior Certificate (or equivalent) endorsed for a Higher Certificate.

DATABASE DEVELOPMENT

DURATION: NQF: CREDITS: SAQA ID:
1 YEAR LEVEL 6 120 71850

3

FOUNDATION PROGRAMMES



Our Maths Bridging Course provides applicants who did not meet the necessary maths or endorsement requirements to enrol for one of our degree programmes, with a second opportunity to do so. Details can be found on our website.

Our foundation programmes include extra Maths, CAT and I.T. classes for Grade 11 and 12 learners. These classes are offered at no cost and are intended to help Grade 11 and 12 learners prepare for their final examinations.

- ▶ **Maths Bridging Course – held in January**
- ▶ **Grade 11 & 12 Mathematics, I.T. and CAT classes – June holidays**

Visit our website for more info



For more information on our foundation programmes and other helpful resources:

www.belgiumcampus.ac.za/MatriculantResourcePortal



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ADDITIONAL ACADEMIC OPPORTUNITIES

Ensuring that our students enter the I.T. workforce leading the pack is something we take pride in. One of the ways we do this is by exposing our students to as many additional learning opportunities as possible. These include:

MASTER CLASSES

Become the master of your future with our additional specialised classes. We offer master classes on pertinent I.T. subjects presented by local and international experts. With the I.T. industry in a constant state of flux, these classes keep our students up to date with the latest technologies, further enriching their futures and allowing them to perform optimally in their respective fields.

IBM CERTIFIED COURSES

Our lecturers collaborate with IBM experts to give our students the incredible opportunity to gain professional IBM certifications. Our IBM certified courses provide an environment for continuous technical improvement aligned with the I.T. industry's needs.

Our students are trained to enhance their technical knowledge and practical skills through an educational experience of international standards.



AWS FOUNDATIONAL PROGRAMME

Select degree and diploma students have the opportunity to gain an AWS Certified Cloud Practitioner certificate by successfully completing the AWS foundational programme.

The cloud computing curriculum covered in this programme, combined with the hands-on practical experience on AWS, allows students to pursue further industry-recognised certifications and careers in the cloud.



VIRTUAL MOBILITY PROGRAMMES

We offer virtual mobility programmes through video conferences and short exchange programmes in the form of international weeks abroad. We host an annual international week at Belgium Campus where students from different disciplines meet to share, co-create and pioneer new projects both locally and abroad.



SOUTH AFRICAN NATIONAL RESEARCH NETWORK

Belgium Campus is a member of the South African National Research Network (SANReN), a highspeed network dedicated to science, research, education and innovation traffic. The network allows us to connect to other universities and research institutions across the country.

INTERNATIONAL INTERNSHIPS/ STUDY ABROAD

Our students have the unique opportunity to complete one-year internships at companies in Belgium. In addition, they are also able to complete their postgraduate studies abroad through Erasmus Mundus or VLIR-UOS programmes.

5

STUDENT INNOVATIONS

WORK ON PROJECTS THAT DIRECTLY IMPACT INDUSTRY AND COMMUNITIES

Exposing our students to multicultural, multidisciplinary innovation projects is key to helping them become responsible citizens with the global mindset to drive real change in the world. Our top student projects are transferred to our research and incubation hub, **Botlhale Village**, where they are further developed into customer-centric, tangible solutions.

Through these projects, our students collaborate with the community, the real business world and with local and international universities to engineer new solutions to pressing societal challenges. We are not only breaking technology boundaries but global boundaries too!

1	E-LEARNING	
2	E-HEALTH	
3	AUTOMATION & SPACE	
4	AVIATION SAFETY	
5	SMART CITIES	
6	SMART FARMING	



Botlhale Village

For more information about
Botlhale Village, please visit:
www.botlhalevillage.co.za

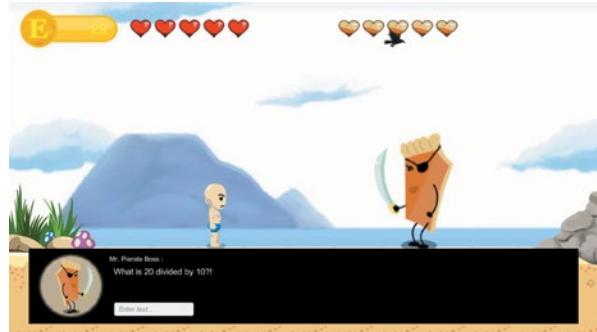


OF THE ELEMENTS EDUCATIONAL GAME

THE BEST WAY TO EDUCATE IS WITHOUT THE LEARNER KNOWING

Of the Elements is an educational game aimed at young children with learning disabilities. The goal is to encourage learning at a young age and prevent the usual discouragement we see so often today. This is achieved through the best way we know, which is teaching them without them knowing.

By using an interesting and engaging setting with dragons, princesses and heroes, we aim to grab a child's attention and have them keep coming back for more. With a team consisting of people from all over the world, we aimed to change the way we view education for the better.



INTERACT COACHING APP

GIVING PREGNANT MOMS A HEALTHY BOOST

Our students developed Interact, a mobile app used to help women maintain a healthy lifestyle between and during pregnancies.

Supported by a coach, moms can use the app to monitor their weight, eating patterns, physical activity and mental wellbeing.



THE HOPE PROJECT DISABILITY APP

EXPRESSING EMOTION THROUGH AAC

Our students, in partnership with Electrical Engineering students from Penn State University, won the 2016 RESNA Student Design Competition.

They designed a device that allows individuals with motor neurone disease, who use Augmented Alternative Communication (AAC), to express their emotions.

AN AWARD WINNING IDEA





LOCKHEED MARTIN PROJECT

INTRA-DRONE COMMUNICATION FOR COLLISION-FREE FLYING



Our students teamed up with electrical engineering students from Penn State University to design and build custom, lightweight drones for Lockheed Martin. The software our students developed allowed the drones to scan a crowd of people/surface area whilst freely flying and navigating.

BOEING PROJECT

REMOTELY CONTROLLED MARS ROVER

With a budget of \$1000 from Boeing, our students collaborated with students from Melbourne University to design a safe, internet-based control system for a Mars Rover.

The system enabled 'pilots' from Belgium Campus to remotely control the Mars Rover to pick up surface samples.



BMW PROJECT

DRIVING INNOVATION WITH BMW

Our students collaborate with international students from Penn State University and the University of Sydney to develop software for BMW.

The software they develop serves to improve passenger safety and increase the efficiency of motor vehicles.



THESE PROJECTS ARE A TESTAMENT TO WHAT IS POSSIBLE WHEN YOU REFUSE TO ACCEPT THE IMPOSSIBLE...
WE'RE DRIVING REGIONAL DEVELOPMENT THROUGH SPECIALISED AND FOCUSED OFFERINGS.



IRIS MOTION DETECTOR

ENSURING PILOT SAFETY ON BOARD

This project aims to improve the safety of single-manned planes by detecting possible hypoxia (when a pilot becomes unconscious or falls asleep due to insufficient oxygen in the plane).

Our students programme technology that monitors the eye activity of pilots to determine whether they have lost consciousness.

Should this be the case, the autopilot system will automatically engage and a distress signal will be sent out.

ALTITUDE DISTANCE SENSOR

COMMON TECHNOLOGY USED IN INNOVATIVE WAYS

Following the scenario of the pilot losing consciousness, the autopilot now has to bring the pilot to a lower altitude so that he or she can regain consciousness.

This is a risky situation, as a safe altitude in a mountainous terrain can be life threatening.

Our students programme altitude distance sensors that can assess terrain to determine a safe area where a plane can be brought to a lower altitude.

“

We do these projects because we have seen in the past that once you have peaked a student's interest with an interesting project, his or her marks are ever increasing— **Jan Rombouts**, Chairman, **Belgium Campus**.

”



LEARNING FACTORY

**WHERE I.T. INNOVATION
TAKES FLIGHT**



TSHWANE E-GOVERNMENT APP

THE NEXUS BETWEEN CITIZENS AND GOVERNMENT SERVICES

The Tshwane E-Government app strengthens participatory democracy, accountability and responsiveness (Batho Pele principles) by allowing citizens and stakeholders to raise issues, provide input, and influence Tshwane municipality's policies and strategies.

The feedback received from citizens is stored by the app where it can be used by officials to optimise service delivery. The app can also be used by citizens to view the latest decisions and tasks currently being handled by the city.



SMART FARMING APP

OFFERING REAL-TIME INFORMATION AND RECOMMENDATIONS TO FARMERS

The Smart Farming project helps local farmers make informed decisions regarding important aspects of farming, such as irrigation and harvesting.

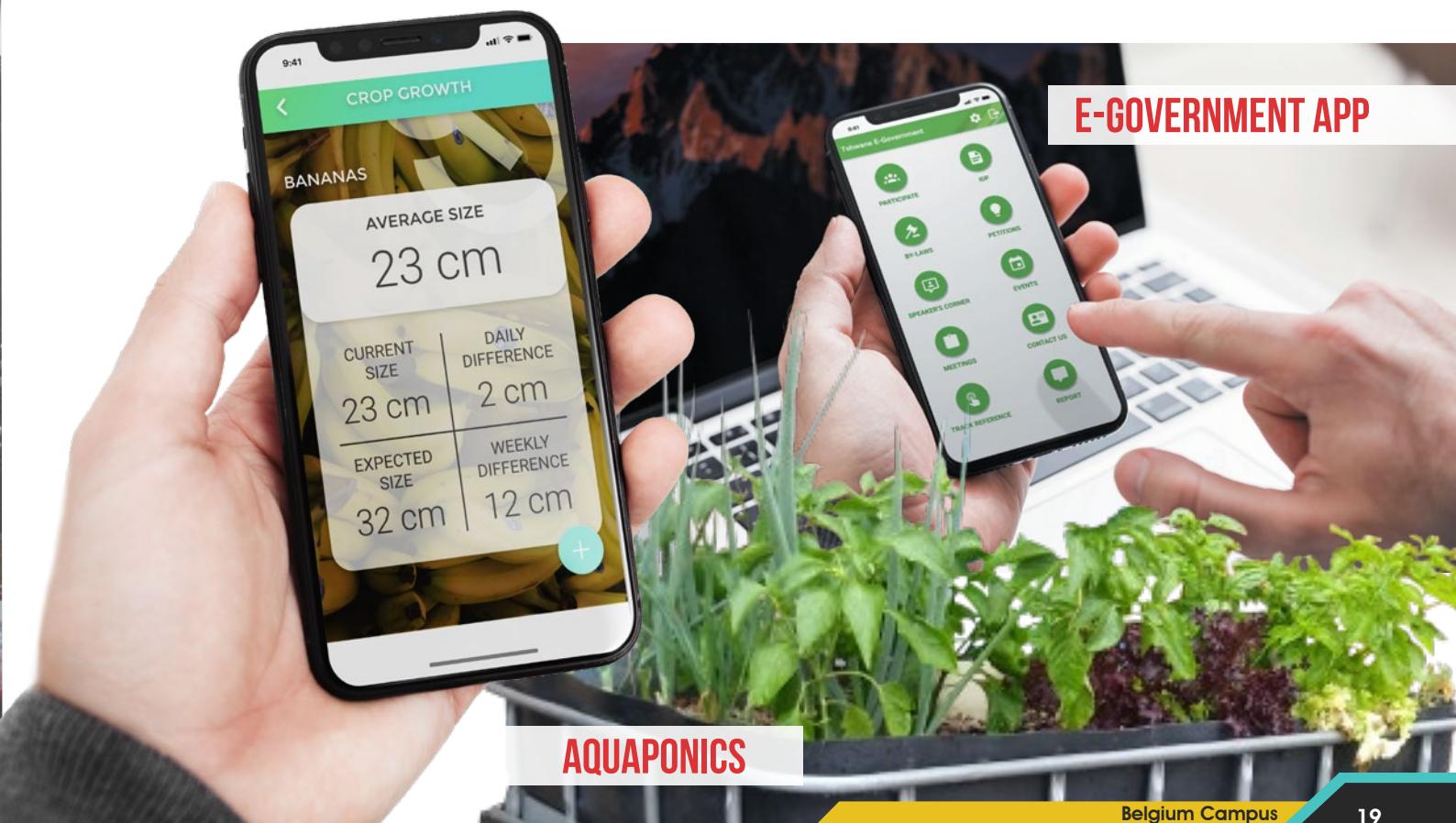
Working together with students from Penn State University, our students integrate technology into everyday farming for better harvesting results in small, local communities

FISHIFY APP

AQUAPONICS FARM MANAGEMENT APPLICATION

This application provides users with a step-by-step guide on how to set up an aquaponics system to manage an entire aquaponics farm.

It allows users to do regular follow-ups, schedule maintenance, and receive notification if something has gone wrong at the farm in order to bring the entire system back into balance.



6 ACCREDITATION

PERFECTLY POISED TO UNLOCK LOCAL AND INTERNATIONAL I.T. EMPLOYMENT OPPORTUNITIES

LOCAL ACCREDITATION

Belgium Campus is a private higher education institution registered with the Department of Higher Education and Training (DHET), accredited by the Council on Higher Education (CHE) and listed with the South African Qualifications Authority (SAQA) on the National Qualifications Framework.

The Belgium Campus 1 iTversity NPC (Not for Profit Company), PBO (Public Benefit Organisation) Reference No: 930009313, is registered with the Department of Higher Education as a private higher education institution under the Higher Education Act, 1997, registration certificate no. 2003/HE08/001, to offer the programmes listed thereon.

Legal Status

Belgium Campus 1 iTversity NPC is a legal entity incorporated in terms of section 13 of the Companies Act, 71 of 2008, with registration number 2001/017971/08.

Sites of Delivery

Belgium Campus 1 iTversity NPC is registered to offer accredited programmes at the following sites of delivery:

- A. Pretoria: 138 Berg Avenue, Heatherdale, Akasia, Pretoria, 0001
- B. Kempton Park: 45A Long Street, Kempton Park, 1619
- C. Port Elizabeth: 6 Commercial Road, North End, Port Elizabeth, 6056

Registered Programmes Offered

Belgium Campus 1 iTversity NPC is registered to offer the following programmes which are approved by the Registrar:

- Diploma in Information Technology
(HEQSF Aligned, NQF Level 6, 360-Credits, Contact Mode)
- Bachelor of Information Technology (Software Development)
(HEQSF Aligned, NQF Level 7, 360-Credits: Contact Mode)
- Bachelor of Computing
(HEQSF Aligned, NQF Level 8, 506-Credits: Contact Mode)

MICT SETA

- Higher Certificate: Information Technology (System Development)
(SAQA Aligned, NQF Level 5, 131-Credits)
- Higher Certificate: Information Technology (Database Development)
(SAQA Aligned, NQF Level 6, 120-Credits)

INTERNATIONAL RECOGNITION

ALIGNED TO THE HIGHEST STANDARDS ON THE GLOBE

Belgium Campus provides a world-class educational experience for all its students. The institution and its qualifications are audited every five years and benchmarked against the accreditation protocol of the Dutch-Flemish Accreditation Organization.

An official audit was conducted in 2018 by KU Leuven (ranked 7th most innovative university in the world) and UAntwerpen, using the parameters of a bachelor's degree as set out in the accreditation framework of the Dutch-Flemish Accreditation Organization (NVAO), The Flemish Council for University Colleges (VLHORA), and the Flemish Interuniversity Council (VLIR) (a leading accreditation protocol with immense standing in Europe). In 2007 and 2012, this audit was done by UCLL (University Colleges Leuven Limburg).

The executive summary of the audit states that the Bachelor of Computing degree offered by Belgium Campus is comparable to, and even slightly more advanced than an academic bachelor programme of European standards. Discussing the programme in depth with our lecturers, support staff, management and partners, made the commission confident about the level and quality of our educational offer. The members of the commission were also impressed by the disciplined and enthusiastic nature of our students.

Moreover, Belgium Campus was nominated by the Academic Union Oxford for the European Quality Award in Education in 2017. We've forged education alliance partnerships with the best international networks and brands. We are:

- ▶ a partner of **IBM**, offering IBM courses and certifications in Blockchain and Data Science.
- ▶ an alliance partner of **Microsoft**. All our students get free access to all Microsoft products and receive 1TB of storage on the cloud.
- ▶ partnered with other networks that vet the role of the university in society, such as **PASCAL** (Place Management, Social Capital and Learning Regions), **UIIN** (University Industry Innovation Network), and **GUNI** (Global University Network on Innovation).
- ▶ an alliance partner of **CISCO**. All our students and staff have access to CISCO training material on topics including Machine Learning and Cyber Security.
- ▶ the only institution in Africa that is a member of **Businet**, a global business education network establishment to meet the needs of institutes, their staff and their students.





OUR PARTICIPATIVE DEVELOPMENT MODEL

At Belgium Campus, we've created a ground-breaking, truly participative educational model, where the theoretical knowledge our students obtain is rooted in real-world experience. By partnering with international universities and local and global businesses, our aim is to transform that knowledge base into practical skills and know-how so that our students can graduate from our campuses and go directly into the world of work.

Our students collaborate with peers from international universities through multi-disciplinary innovation and research projects that meet industry demands.

We drive innovation to uplift and empower consumers (and their local communities) through technology. We offer so much more than an excellent education – we offer the skill set for success.

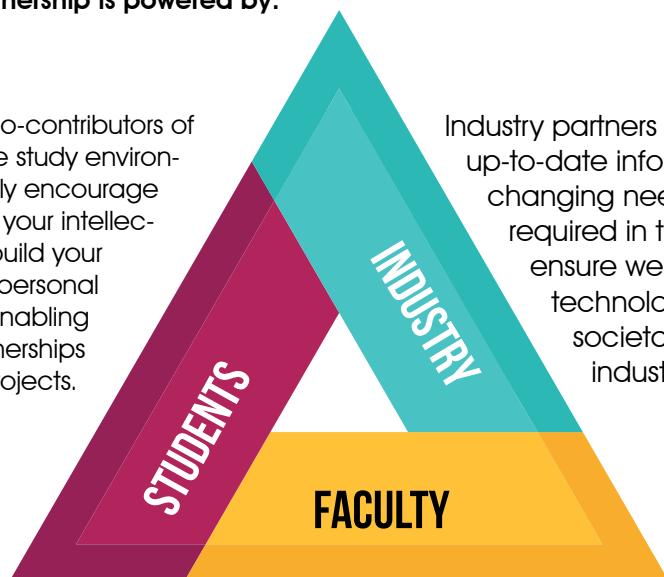
Our pioneering Participative Development Model for Education (PDM) sets our students apart through an active engagement between all stakeholders, where everyone contributes to the educational experience to ensure maximum value for all.

CONTINUOUS CONSULTATION WITH EMPLOYABILITY AT THE FOREFRONT



The PDM partnership is powered by:

We see you as co-contributors of knowledge in the study environment. We actively encourage you to enhance your intellectual ability and build your academic and personal profile through enabling internships, partnerships and practical projects.



Industry partners provide us with up-to-date information on the changing needs, skills and profiles required in the workplace. They ensure we remain ahead of technological advances, societal shifts and evolving industry standards.

Our faculty staff constantly refine and adapt our curricula in collaboration with faculties from national and international academic institutions, to ensure that our qualifications are of the highest academic standard. We do this with the aim of meeting the demands of industry, government and society, by producing sought-after candidates who are employment-ready and have an entrepreneurial mindset.

OUR CURRICULUM

THE NEW WAVE - WE ARE IN THE VERY HEART OF A DIGITAL REVOLUTION, WITH CONDITIONING LEARNING AND STATIC CLASSROOMS BECOMING A THING OF THE PAST.

At Belgium Campus, we have moved away from traditional methods of learning that produce no results. Our future-proof learning methodologies and relevant curriculum place our students at the forefront of knowledge and the workplace of the future.

The entire industry is moving towards cloud-based solutions, artificial intelligence and IoT - key focuses in our curriculum. Coupled with in-service training and valuable exposure to local and international projects, we develop skilled and employable graduates who are ready for both the national and international labour markets.

Education is undergoing a substantial transformation, with experiential learning being recognised globally as the future of education.

At Belgium Campus, we provide a virtual setting for students to bridge theories and concepts taught in the classroom with real-life experience. The dynamic learning environment we provide allows our students to understand technology at a deeper level, while creating memorable learning experiences.

“

ICT is a pillar- an enabler, for any industry globally, not just in South Africa. Belgium Campus partnered with us, as the university realised that there are students who are capable of making it if they get the right opportunity. – **Zola Ehrens**, Managing Director, South African Women in ICT Forum.

Our curriculum places considerable importance on experiential learning, where students are exposed to real-time and real-life projects in the workplace from their very first year.

Our experiential learning methodology uses critical thinking, problem-solving and decision making to deliver a subject or module and has been proven globally to accelerate learning.



OUR ACADEMIC STAFF

GREAT UNIVERSITIES BEGIN WITH GREAT LECTURERS.

Diversity lives in the spirit of Belgium Campus and is further represented by our multi-faceted faculty and staff from across the region and the globe. Our iTversity is home to a community of outstanding and vibrant people; a nucleus of exchange, where students and faculty are bound together in intellectual exploration and the exchange of ideas, knowledge and values.

Our academic staff go through a rigorous selection process. We ensure that they not only embody the theoretical knowledge set out in our curriculum but also have the practical know-how, soft skills and life skills our students will, in turn, learn during their time at Belgium Campus.

All our faculty and staff members (including management) can be viewed on our website at: www.belgiumcampus.ac.za/faculty

REMOTE LEARNING

CONTROL HOW, WHEN AND WHERE YOU STUDY

Our hybrid learning model lets you study with us from anywhere in the world, on any device! We have combined the convenience of online learning with all the benefits of a face-to-face environment to give you that in-classroom feeling, regardless of where you are.

- ▶ **Study face-to-face online via videoconferencing from any location of your choice.**
- ▶ **Study offline and in your own time via class recordings and coursework.**

Visit our website for more info



Learn more about our truly immersive remote learning experience:
www.belgiumcampus.ac.za/HybeFlex

“I am impressed by how seamlessly Belgium Campus made the transition to digital platforms and I love that our online classes allow us to maintain the same lecturer-student relationships that we had in person.
Tebogo Moropa, Belgium Campus Student



A STUDENT-CENTERED APPROACH

At Belgium Campus, we see ourselves as custodians of your emerging future self, and we have pioneered new processes to ensure that the future is yours to unfold. We have reimaged a student-centric approach where we reverse engineer our operations to address your specific needs, talents and capabilities.

Our praxis is holistic – we see our students as individuals who we engage with daily to ensure optimal performance and well-being. We want to enrich our students at both a professional and personal level, through support, counselling and mentorship.

Ultimately, the only measure of success for us is when our students emerge from their studies empowered and enabled to achieve their dreams and aspirations.

“ I come from a background where I.T. is a far-fetched thought. I am where I am today because somebody made me understand the idea of a world I didn’t even know existed. – **Thandeka Mbokazi, Alumni, Belgium Campus ”**

A UNIFORM THAT SHOWS OUR SOLIDARITY

Wearing a uniform at Belgium Campus is an expression of solidarity. It ensures that all students, no matter their background, are treated with the same dignity and respect.

It allows our students to present themselves as contemporary professionals who have found their place in society, to the industry giants, governments and large corporates they engage with from their very first year of study.



“ There's a lot of good talent at Belgium Campus. It's about getting opportunities and having a platform where people can actually be recognised and mentored. The Belgium Campus graduate programme is a good place to start. – **Marius Vorster**, Team Lead and Consultant, **Britehouse**. ”

RECRUITMENT DAYS

I.T. is a modern-day business catalyst and Belgium Campus helps develop an indispensable workforce for any corporation. We provide the industry with individuals that are not only aware of their roles but are equipped with the necessary knowledge, skills and acumen to meet the strenuous demands of industry.

The calibre of students we produce has allowed us to develop strong, mutually beneficial relationships with a number of leading I.T. companies in South Africa. We regularly invite representatives from these companies to our recruitment events where they can engage with our students one-on-one and recruit qualified candidates for internships and future employment.

The days also exponentially increase the opportunities and choices available to our students by exposing them to a range of I.T. companies and the various work environments and expectations that come with them. We help our students put their best foot forward and make a lasting impression at these events by offering free CV workshops. The result - our students enter the industry with the incredible advantage of an established career network and crucial industry knowledge.

Go to page 37 to view some of our Industry Partners.

“ Over the years, we have seen an increased demand from companies wanting to place our students for in-service training. Our recruitment events were introduced in response to this demand. - **Theodorus Kritzinger**, Dean: Faculty of Information Technology, **Belgium Campus** ”



8

CAREERS IN I.T.

There is an insatiable need for industry experts, and a call for young, innovative minds to boost industries in pioneering and inventive ways.

THE ARTISTS OF I.T. - SCULPTORS OF IDEAS INTO PRACTICAL SOLUTIONS

Software engineers are the creative minds who design, develop, maintain and manage the software that makes our everyday lives easier. If you want to put your love for technology to good use while making good money, this is a great career choice for you!

Jobs to consider: Applications Developer, Cyber Security Specialist, Game Developer, Information Systems Manager, I.T. Consultant, Multimedia Programmer, Web Developer, Web Designer and many more.

SOFTWARE ENGINEERS

TRANSFORMERS OF RAW DATA INTO USEFUL INFORMATION

Data has become the driving force behind every important business decision. Data scientists are the master investigators that make these decisions possible by uncovering elusive patterns and opportunities buried in data.

Jobs to consider: Machine Learning Engineer, Machine Learning Scientist, Applications Architect, Enterprise Architect, Data Architect, Infrastructure Architect, Data Engineer and many more.

DATA SCIENCE EXPERTS

CONSTRUCTORS OF THE I.T. FOUNDATIONS THAT ALL SYSTEMS ARE BUILT ON

Infrastructure job roles are in high demand and it is easy to understand why. Infrastructure experts play a key role in the digital transformation efforts of every company. They manage all the computer hardware- and software-related components, connectivity systems, network resources and services necessary for an organisation to run optimally.

Jobs to consider: Security Management Specialist, Network Architect, Information Security Analyst, IoT Developer, Network Systems Administrator, Systems Analyst, Computer Support Specialist and many more.

INFRASTRUCTURE EXPERTS

THE IMAGINEERS OF THE MECHANICS THAT SUPPORT OUR DAILY LIVES

Software developers use their creativity and technical knowledge to create software that solves real-world problems. With a field in constant shift and dozens of programming languages and emerging technologies to learn, you will always be kept on your toes.

Jobs to consider: Project Manager, Technical Writer, User Experience Designer, User Interface Designer, Information Architect, Mobile Designer, SEO/SEM Specialist and many more.

SOFTWARE DEVELOPERS

9 APPLICATION PROCESS

YOU CAN APPLY TO STUDY WITH US VIA OUR WEBSITE OR AT ANY OF OUR THREE CAMPUSES IN TSHWANE, EKURHULENI OR NELSON MANDELA BAY.

01

Visit Our Website

www.belgiumcampus.ac.za and click Apply Now.

02

Create an Applicant Profile

Fill in all your information and submit.

03

Confirm Your Email

You will be sent a confirmation email. Use this email to verify your email address to continue with your application.

04

Complete Application Forms

Visit the Application Form tab to complete and submit the Tuition Application Form and Residence Application Form, where applicable.

05

Supporting Documents

Upload all your supporting documents under the Supporting Documents tab.

06

Application Status

Once submitted, the outcome of your application will be communicated to you via the Status tab.

07

Choose Your Qualification

Select the qualification you would like to study towards under the Status tab to receive a (conditional) acceptance letter.

08

Registration Fee

Once you have been (conditionally) accepted to study towards your selected qualification, secure your place by paying the registration fee.

09

Application Complete

Welcome to the Belgium Campus iTversity family!



10 FEES INFORMATION

BELLOW IS ALL THE INFORMATION YOU WILL NEED REGARDING OUR FEES.

TUITION FEES

Fees are for an entire academic year and cover tuition, exams, examination rewrites (if any) and all study material that you will require.

RESIDENCE FEES

Our residence fees cover accommodation for 24 hours a day, seven days a week (except during summer holidays). The fees are inclusive of 3 balanced meals a day from Monday to Friday (except during campus and public holidays).

The annual fee varies depending on the type of room selected. Please visit the Important Documentation section on our website and download our Residence Booklet for information about our residence options.

PAYMENT OF FEES

Those responsible for the payment of fees can either pay the full tuition and residence fees at the start of the academic year, interest-free, or pay the fees in 10 monthly instalments. The instalments option has a 10% interest charge and is only available to South African citizens.

Please note that our prices are subject to change without notice. Please consult our latest and full fee schedule on our website.

Our comprehensive fees structure is available on our website at:
www.belgiumcampus.ac.za/fees

FINANCIAL ASSISTANCE OPTIONS

We understand that achieving your dreams might require some additional support, which is why we have identified the following options for financial assistance which may be accessible to you:

1 STUDENT LOANS

2 SCHOLARSHIPS AND BURSARIES

3 CORPORATE SPONSORSHIPS

For more information on these options, including selection criteria and application processes, please visit the Funding section on our website:

www.belgiumcampus.ac.za/Bursaries



11 FACILITIES

All our facilities are purposely designed to offer you a world-class education, in a fun, enriching and comfortable environment, supported by the latest technology and state-of-the-art facilities.

CAMPUSES

- Tshwane campus in Pretoria North (main campus) **PTA**
- Ekurhuleni campus in Kempton Park **KP**
- Nelson Mandela Bay campus in Port Elizabeth **PE**

CAMPUS FACILITIES

HYBRID CLASSROOMS

PTA

KP

PE

Our classrooms have been transformed into optimal hybrid learning environments. This allows our in-room students, and our remote students, to enjoy the same interactive classroom experience.

Innovative **video wall technology** allows each remote student to be seen by the lecturer in real-size and in real-time.

An **intelligent multi-camera setup** allows you to decide what you want to focus on at any point in a lesson. Switch between instructor feed, whiteboard feed, computer feed and classroom feeds, or enrich your remote learning experience by adding a supplementary feed to the corner of your screen for example: a sign language interpreter feed or a whiteboard feed.

All class recordings, whiteboard screenshots and coursework are **saved to the cloud** where they can be accessed for review at any time.



LEARNING FACTORIES

PTA

We have created specialised, physical innovation spaces where students can develop, innovate and construct the devices and structures that form part of their practical projects.

The spaces, which include a full-scale airport hangar, an automotive lab, a robotics lab and an aquaponics system, provide our students with dedicated, hands-on testing environments.



STUDY ROOMS

PTA

KP

PE

Our study rooms are fully equipped with computers and all the necessary software to allow our students to easily complete practical projects and assignments.

E-LIBRARY

PTA

KP

PE

In addition to our traditional library, which is stocked with a wide range of academic literature, all Belgium Campus students also have access to EBSCOhost. This intuitive online research platform allows our students to:

- ▶ **Access millions of high-quality articles licensed from reputable publishers.**
- ▶ **Download all their textbooks and access them offline at home.**
- ▶ **Make and save notes in their digital textbooks.**
- ▶ **Organise their digital study material into easily accessible folders.**
- ▶ **Export citations in a number of formats directly from the database.**

LIBRARY & STUDY ROOM



PTA RESIDENCE



PE RESIDENCE

RESIDENCE FACILITIES

ACCOMMODATION

PTA

PE

We have a range of cosy and affordable residence options at our Tshwane and Nelson Mandela Bay campuses. These options range from single and twin rooms with en-suite bathrooms, to shared accommodation with communal bathrooms. Accommodation in private homes in surrounding neighbourhoods is also available for students who prefer to live off campus.

CAFETERIA

PTA

PE

We have cafeterias at our Tshwane and Nelson Mandela Bay campuses for the convenience of our students. Our cafeterias serve three tasty, balanced meals a day from Monday to Friday (excluding campus and public holidays). Residence students can make use of the student kitchen on weekends to prepare their own meals or buy meals from the campus tuck shop (PTA campus) / nearby shops.

For more information on our residences, please download the Residence Policy document under Important Documentation:

www.belgiumcampus.ac.za/Important-Documentation





“ We had international lecturers which really exposed us to what was happening in I.T., in the corporate world. I would say that if you are looking for a hands-on university, Belgium Campus is the one to go for! – **Thandiwe Ntuli**, Grindrod Bank: Retail Division, and **Belgium Campus Alumni**. ”

○ STUDENT SERVICES

○ COUNSELLING

Your future is important to us and we want to give you all the resources you need to achieve your full potential. Our qualified psychologist and student counsellors are available to provide free guidance and support you on your journey.

○ SPECIAL NEEDS

Creating a supportive environment for all students, including students with learning and physical disabilities, is extremely important to us. We are one of the few higher education institutions in South Africa that cater specifically for students with special needs, with a specific focus on Deaf and hard of hearing students.



We provide a customised curriculum and South African Sign Language interpreters for our Deaf and hard of hearing students throughout their studies. In addition, our classes are limited to a maximum of 10 students to ensure that each student receives dedicated attention, and our half-moon seating arrangement is optimal for students who are learning through sign language.

We are continually refining and adjusting our approach for the benefit of our Deaf students and our students with disabilities as a whole.

12 STUDENT LIFE

Excelling academically is extremely important, but it is also important to get involved in a range of student life activities to develop into a well-rounded graduate. At Belgium Campus iTversity, we believe that student life is what you make it.

Our extracurricular activities are based completely on the interests of our student body, under the management of the SRC. Below are some of the popular social, cultural and sporting activities offered at our campuses:

EXTRACURRICULAR ACTIVITIES

SPORTS CLUBS

The Belgium Campus Football Club is the most popular sports club at Belgium Campus. It is open to all students, staff members and alumni of the iTversity and it provides a fun way to keep fit and make friends. Our Pretoria campus also has a basketball/netball court and a sports field which the student body can make use of to introduce additional clubs of their choice.

SOCIAL EVENTS

The SRC Event Planning Committee is responsible for organising all the social events on campus, based on the interests of the students. These events provide students with a safe and regulated environment where they can de-stress, make friends and build a sense of unity.

We train future entrepreneurs and great innovators that are needed in the South African and global economy. – Charmaine Tavagwisa, Senior Lecturer: Robotics, Belgium Campus

FOOTBALL CLUB



HACKATHONS

At Belgium Campus, we strive to expose our students to various opportunities and competitions that help them grow in their field and as individuals. Hackathons are sprint-like events that challenge participants to use the latest devices and technology, to develop new and exciting solutions to the world's challenges.

E-SPORTS CLUB

If you are into competitive gaming this is the club for you. The Belgium Campus Gaming Generation is Belgium Campus' official e-sports club. The club represents Belgium Campus at official gaming events and enjoys perks including discounts on gaming equipment, special prices on hosting packages for websites and invitations to invite-only events.

CULTURAL ACTIVITIES

The most popular cultural activities at our iTversity are chess and the Belgium Campus Choir. You will often see students gathered around our giant chessboard engrossed in the game, waiting in anticipation for that final checkmate.



13 PARTNERSHIPS

OUR ACADEMIC PARTNERS HELP US PROVIDE AN EDUCATION OF **INTERNATIONAL STANDARDS**.



OUR EDUCATION ALLIANCE PARTNERSHIPS GIVE OUR STUDENTS ACCESS TO WORLD-CLASS EDUCATIONAL OPPORTUNITIES.



Microsoft



SIEMENS



OUR INDUSTRY PARTNERS HELP US MAINTAIN A RELEVANT CURRICULUM WHICH IS IN LINE WITH THE CHANGING NEEDS OF INDUSTRY.



First Technology
(Pty) Ltd

Eskom



dimension data



IDC
Industrial Development Corporation



Gijima

ALTRON

AECI

DATATEC



MOVATION



entelect
everything is possible

EPI-USE®

rain



Atlas Copco



fivefriday

CSIR
our future through science

ALEXANDER
FORBES

DECISION INC.

accenture

MOYO
BUSINESS ADVISORY



softworx

SEESA
Professional Legal Support
for Business

symbiotics



It's the way we're *wired*™



GET IN TOUCH

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Nelson Mandela Bay	010 593 0453

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accounts@belgiumcampus.ac.za

Physical Addresses

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Johannesburg, Gauteng, South Africa.

Nelson Mandela Bay Campus
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Port Elizabeth, Eastern Cape,
South Africa

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Visit Our Websites
► belgiumcampus.ac.za
► mobile.belgiumcampus.ac.za