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CONTACT DETAILS

Brochures for courses offered at the various campuses and application forms may be obtained by writing to the Registrar at the postal address below, or by collecting the brochures and forms from the applications offices at the different campuses.

POSTAL ADDRESS
The Registrar
P O Box 1906
Bellville 7535

STREET ADDRESSES

Bellville Campus
Symphony Way, Bellville
Tel +27 (0) 21 959 6911

Cape Town Campus
Keizersgracht, District VI, Cape Town
Tel +27 (0) 21 460 3911

Granger Bay
Beach Road, Mouille Point, Cape Town
Tel +27 (0) 21 440 5700

Mowbray Campus
Highbury Road, Mowbray
Tel +27 (0) 21 680 1500

Wellington Campus
Jan van Riebeeck Street, Wellington
Tel +27 (0) 21 864 5200

Website: www.cput.ac.za
GENERAL INFORMATION

INTRODUCTION
This guide is intended for students who wish to register for postgraduate (master’s and doctoral) studies at the Cape Peninsula University of Technology.

The Master of Technology, Magister Technologiae (MTech), and Doctor of Technology, Doctor Technologiae (DTech) are evaluated by the Department of Education at the level of a senior certificate plus five years’ tertiary education (M+5), and a National Senior Certificate plus six years’ tertiary education (M+6), respectively. The Faculty of Education and Social Sciences offers the MEd and DEd degrees.

ADMISSION

Application for admission to postgraduate study
The specific faculty should be approached, through the faculty research coordinator or the postgraduate administrator, to determine specific faculty admission requirements. Faculty research coordinators are:

FACULTY OF APPLIED SCIENCES
Prof M Mc Pherson, Tel: (021) 460 8333, Email: mcphersonm@cput.ac.za

FACULTY OF BUSINESS
Prof A Slabbert, Tel: (021) 460 3112, Email: slabberta@cput.ac.za

FACULTY OF EDUCATION AND SOCIAL SCIENCES
Prof R Chetty, Tel: (021) 680 1532, Email: chettyr@cput.ac.za

FACULTY OF ENGINEERING
Mrs T Green, Tel: (021) 959 6666, Email: greent@cput.ac.za

FACULTY OF HEALTH AND WELLNESS SCIENCES
Prof E Truter, Tel: (021) 959 6570, Email: trutere@cput.ac.za

FACULTY OF INFORMATICS AND DESIGN
Prof P van Brakel, Tel: (021) 469 1015, Email: vanbrakelp@cput.ac.za

GUIDE TO POSTGRADUATE STUDIES
The Guide to Postgraduate Studies is available on the CPUT web site: http://www.cput.ac.za

Course information and an electronic application form (to be printed and completed by the applicant) are available on the University’s web site: www.cput.ac.za
MINIMUM ADMISSION REQUIREMENTS

Magister Technologiae
A BTech or an equivalent qualification in an appropriate discipline, with an aggregate of 65% and with a pass in Research Methodology, is required. Should a candidate not hold a credit for Research Methodology he/she will be required to successfully complete the subject Research Methodology in addition to the prescribed subjects of the programme. In some disciplines relevant work experience after obtaining a BTech or similar degree is required.

Doctor Technologiae
An MTech or equivalent qualification in an appropriate discipline. Delivery of a paper at a conference as well as a paper submission for publication is a prerequisite in most disciplines.

Approval by Higher Degrees Committee
The title of the dissertation/thesis, as well as the names and qualifications of the appointed supervisors, must be approved by the Higher Degrees Committee.

English proficiency
In addition to the criteria for admission, international students from countries where English is not the official language must demonstrate proof of English proficiency.

EVALUATION OF FOREIGN QUALIFICATIONS
Applicants who do not have a South African qualification are required to send their results/qualifications to the South African Qualifications Authority in order to have them evaluated and equated to a South African qualification.

The address is:
The Head of Evaluation of Qualifications
South African Qualifications Authority
Postnet Suite 248
Private Bag X06
Waterkloof 0145
Tel: +27 (0) +12 482 0858/64 Web site: www.saqa.org.za

Applications for such evaluations should include:
All qualification documents, i.e. the highest school certificate issued by the official examining body; complete and legible transcripts of academic records in respect of all degrees or other higher education qualifications, together with the final certificates; preceding qualifications leading to any postgraduate/other advanced qualification when the latter is submitted. Certificates in foreign languages should be submitted together with translations into English by a sworn translator. The relevant evaluation fee can be obtained from the South African Qualification Authority in Pretoria.

In addition to the above, the candidate also has to apply to the SA Trade Representative closest to his/her home for a study permit if the candidate is not a South African citizen.
AGRICULTURE

MAGISTER TECHNOLOGIAE

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct research in agriculture, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome are reported in a dissertation.

Career opportunities
Graduates follow career paths in agricultural research, extension, quality control, or the agricultural input and marketing industries, depending on their field of specialisation.

Programme Structure:
Research project and dissertation

Duration of course
Full-time: One year
Part-time: Two years

CONTACT DETAILS

Cape Town Campus
Faculty Office
Tel +27+21 460 3153
Fax +27+21 460 3217
Email: sciences@cput.ac.za

Wellington Campus
Head of Department
Tel +27 +21 864 5213
Fax +27 +21 864 5273
CHEMISTRY

MAGISTER TECHNOLOGIAE

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research in chemistry and environmental sciences, and to contribute significantly to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
The need for new products, new applications of existing products or raw materials is rapidly increasing. An exponential growth in the human population is putting increasing pressure on agricultural land for food production, which results in an increase in the use of fertilizers and pesticides that can be harmful to the environment. Concern for the environment and the effects of chemical and related process industries means that the monitoring of effluent discharges and remediation strategies have become more important. The medicinal value of plants is being recognised on a larger scale, which results in a need for a better understanding of the chemical composition of these plants and their pharmacology. Graduates play an important and direct role in these fields and are employed in the research and development as well as the health and safety departments of companies. They are also employed in teaching positions at Higher Education institutions.

Programme structure
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

CONTACT DETAILS

Bellville Campus
Faculty Office
Tel +27 +21 959 6523
Fax +27 +21 959 6118

Head
Tel +27 +21 959 6193
Fax +27 +21 959 6165

Cape Town Campus
Faculty Office
Tel +27 +21 460 3176
Fax +27 +21 460 3217

Email: sciences@cput.ac.za

Head
Tel +27 +21 460 3174
Fax +27 +21 460 3854
CHEMISTRY

DOCTOR TECHNOLOGIÆ

Course aim
The purpose of this programme is to develop the competence to conduct independent research under minimal guidance in the field of chemistry. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge. The research problem, including its justification, process and outcome, is reported in a thesis and in scientific publications that comply with the generally accepted norms for research at this level.

Career opportunities
Graduates follow a career in research and development in industry, or may be employed at research institutes. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
- Research and thesis

Duration of course
Full-time: Two years minimum, after completion of the MTech degree

CONTACT DETAILS

Bellville Campus
Faculty Office           Head
Tel +27 +21 959 6523       Tel +27 +21 959 6193
Fax +27 +21 959 6118       Fax +27 +21 959 6165

Cape Town Campus
Faculty Office           Head
Tel +27 +21 460 3176       Tel +27 +21 460 3174
Fax +27 +21 460 3217       Fax +27 +21 460 3854
Email: sciences@cput.ac.za
CONSUMER SCIENCE: FOOD & NUTRITION

MAGISTER TECHNOLGIAE

Course aim
Graduates conduct a research study in the consumer science (food and nutrition) fields to contribute to existing knowledge, generate new knowledge, evaluate and/or improve current practices to support growth and development in this applied sciences field. The research problem, including its justification, process and outcome, is reported in a thesis, which complies with generally accepted international norms at this level.

Career opportunities
Opportunities exist in the fields of food science, research and development. Graduates are also employed in teaching and research positions in Higher Education institutions.

Programme structure
Research project and thesis

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

CONTACT DETAILS
Cape Town Campus
Faculty Office Head
Tel +27 21 460 3176 Tel +27 21 460 3428
Fax +27 21 460 3217 Fax +27 21 460 3217
Email: sciences@cput.ac.za
ENVIRONMENTAL HEALTH

MAGISTER TECHNOLOGIAE

Course aim
Students conduct independent research finding the best solutions for environmental health problems in South Africa.

The programme equips students with the necessary knowledge and skills to conduct independent research in environmental and occupational health, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. Students conduct independent supervised research and complete a dissertation.

Career opportunities
Graduates play an important, direct role in the field of environmental and occupational health, are employed in research and development and in the health and safety departments of companies or local authorities as well as in teaching positions at Higher Education institutions.

Programme structure
FIFTH YEAR
- Research project and dissertation

Duration of course
Full-time: Minimum of one year (Research-based) or two years (Course-driven)
Part-time: Minimum of two years

CONTACT DETAILS

Cape Town Campus
Faculty Office
Tel +27 21 460 3153
Fax +27 21 460 3217

Head
Tel +27 21 460 3199/94
Fax +27 21 460 3217
Email: sciences@cput.ac.za
ENVIROMENTAL MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The aim of the course, a structured, course-driven Master’s degree, is to train managers and researchers in the field of Environmental Management.

Career opportunities
Employment opportunities exist in government departments such as the Department of Environmental Affairs and Tourism, Water Affairs and Forestry, industry and consulting companies. Graduates are employed as Environmental Law Consultants, Environmental and Occupational Management Systems Specialists, Environmental Impact Assessment Specialists and Environmental Auditors.

Programme structure

Core subjects
- Sustainability and Environmental Law
- Environmental Resource Economics
- Air Quality Management
- Water Quality Management
- Tools for Sustainable Development
- Environmental Risk Assessment
- Research Project and paper

Select three of the following electives:
- Marine and Coastal management
- Environmental Planning (GIS)
- Urbanisation and Development
- Environmental Health and Safety
- Research and Advance Data Analysis
- Environmental Management Systems, Reporting and Auditing

Duration of course
Part-time: Two years

CONTACT DETAILS

Cape Town Campus
Faculty Office
Tel +27 +21 460 3153
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Email: sciences@cput.ac.za

Head
Tel +27 +21 460 9009
Fax +27 +21 460 3217
ENVIRONMENTAL HEALTH

DOCTOR TECHNOLOGIAE

Course aim
The purpose of this programme is to develop the competence to conduct independent research under guidance in the relatively new field of environmental health technology. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge. The research problem, including its justification, process and outcome, is reported in a thesis.

Career opportunities
Graduates are appointed in senior positions in research and development in industry or government departments, or in teaching and research positions at Higher Education institutions.

Programme structure
Research and thesis

Duration of course
Full-time: Two years
Part-time: Three years

CONTACT DETAILS
Cape Town Campus
Head
Tel +27 +21 460 3199/94
Fax +27 21 460 3217
Email: sciences@cput.ac.za
FOOD TECHNOLOGY

MAGISTER TECHNOLOGIAE

Course aim
The aim of the course is to equip graduates with the necessary knowledge and skills to conduct independent applied and fundamental research in the fields of food production, food product development, food analysis, food safety and food microbiology. Graduates may apply for registration with the South African Council for Natural Scientific Professions as Candidate Natural Scientists.

Programme structure
Research project and dissertation

Duration of course
Full-time: Minimum one year
Part-time: Two years

CONTACT DETAILS
Head
Tel +27 +21 959 6176
Fax +27 +21 959 6095

Faculty Office
Tel +27 +21 460 3176
Fax +27 +21 460 3217
Email: sciences@cput.ac.za
HORTICULTURE

MAGISTER TECHNOLOGIAE

Course aim
The aim of the course is to develop a skilled graduate who will be competent in conducting applied and fundamental research principles in any of the fields of plant propagation, production and development, landscape, environmental, retail management and maintenance.

The Master's degree in Horticulture equips students with the necessary knowledge and skills to conduct research in horticulture, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge.

The research problem, its justification, process and outcome are reported in a dissertation.

Career opportunities
Graduates may find work locally and internationally in production nurseries, garden centres, landscape maintenance enterprises, parastatals and municipal metro-poles. In addition, for those graduates with a desire to do research, the SA National Biodiversity Institute, the Agricultural Research Council and commercial plant development enterprises, are important employers.

Programme structure
- Research project and dissertation

Duration of course
- Full-time: One year
- Part-time: Two years

CONTACT DETAILS

Bellville Campus
Faculty Office                  Head
Tel +27 +21 460 3153           Tel +27 +21 9596174
Fax +27 +21 460 3217           Fax +27 +21 9596095

Cape Town Campus
Faculty Office                  Head
Tel +27 +21 460 3153           Tel +27 +21 460 3198
Fax +27 +21 460 3217           Fax +27 +21 460 3193
Email: sciences@cput.ac.za
NATURE CONSERVATION

MAGISTER TECHNOLOGIAE

Course aim
Students undertake in-depth research and complete a dissertation in a specialist area of nature conservation.

The Master’s degree in Nature Conservation equips students with the necessary knowledge and skills to conduct research in nature conservation, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome are reported in a dissertation.

Career opportunities
Management of research, environmental education, ecotourism, law enforcement, protected areas and alien plant control.

Programme structure
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

CONTACT DETAILS
Head of Department
Tel +27 +21 460 3213
Fax +27 +21 460 3193
Email: sciences@cput.ac.za

Faculty Office
Tel +27 +21 460 3153
Fax +27 +21 460 3217
OCEANOGRAPHY

MAGISTER TECHNOLOGIAE

Course aim
The aim of the programme is to equip students with the knowledge and skills to conduct research in oceanography, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome are reported in a dissertation.

Career opportunities
Graduates are employed as senior oceanographers, researchers, or fisheries managers.

Programme structure
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

CONTACT DETAILS
Cape Town Campus
Faculty Office
Tel +27 +21 460 3153
Fax +27 +21 460 3217
Email: sciences@cput.ac.za

Head
Tel +27 +21 460 3766
Fax +27 +21 460 3193
BUSINESS ADMINISTRATION

MAGISTER TECHNOLOGIAE

Course aim
The MTech Business Administration supplements the knowledge acquired in the BTech Business Administration to enable graduates to function at an executive level. The programme assists students to develop the capacity to become effective senior level managers across a range of public and private sector companies.

Career opportunities
Graduates who wish to speed up their progress up the corporate ladder, or who wish to move out of their current field of expertise, can increase their chances of promotion, marketability and employability.

Programme structure
- Strategic Management 5
- Organisational Dynamics 5
- Research Methodology 5
- Project Management 5
- Entrepreneurship 5
- Research project and paper

Duration of course
Part-time: Minimum 18 months; maximum five years

CONTACT DETAILS
Cape Town Campus
Ms Z Nkalitshana
Tel +27 +21 460 4251
Fax +27 +21 460 3716
Email nkalitshanaz@cput.ac.za
BUSINESS ADMINISTRATION
IN ENTREPRENEURSHIP

MAGISTER TECHNOLOGIAE

Course aim
The focus of the programme is to equip candidates with skills to produce interesting and
innovative learning programmes and business initiatives, which encourage the develop-
ment of entrepreneurial skills. The candidate will also acquire research skills within a
selected field of study to explore and develop entrepreneurial opportunities. Students may
choose one of two options to complete the MTech Business Administration in
Entrepreneurship:

Option 1 – Research-based degree: Students conduct supervised research in a spe-
cialised area of entrepreneurship and complete a thesis.

Option 2 – Course-driven degree: This programme consists of course work (class
attendance) and a research project and paper.

Career opportunities
This qualification is aimed at experienced entrepreneurs, mentors, business coaches,
business development managers and senior administrators in the economic development
sector. Graduates of this qualification are experienced entrepreneurs, mentors, business
coaches, business development managers and senior managers in the business sector.

Programme Structure

Option 1 – Research-based degree
Research project and dissertation

Option 2 – Course-driven degree
Entrepreneurship 5
Entrepreneurship Techniques 5
Research project and paper
Finance for Entrepreneurs 5
Research Methodology 5

Duration of Course
Part-Time: Two years (Maximum period: Five years)

Venue of Offering
Cape Town Campus

CONTACT DETAILS

Faculty Office
Tel +27 +21 460 4251/3876
Fax +27 +21 460 3716
Email business@cput.ac.za

Programme Co-ordinator
Tel +27 +21 460 3028
BUSINESS ADMINISTRATION
IN PROJECT MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The MTech in Business Administration (Project Management) aims to equip career-minded graduates and professionals in government, business and industry with the underlying theory and associated skills required to successfully lead projects and institute change in organisations.

The programme supplements the knowledge and skills acquired in the BTech Project Management programme to enable graduates to function at executive level.

Career opportunities
Graduates find employment in senior positions in business and industry.

Programme structure

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<td>Project Quality</td>
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<td>Project Ethics and Governance</td>
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<td>Research project and paper</td>
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<tr>
<td>Project Accounting</td>
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<tr>
<td>Project Resources</td>
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<tr>
<td>Operation Research</td>
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Duration of course
Part-time: Two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 460 4251/3876
Fax +27 460 3716
Email business@cput.ac.za
BUSINESS INFORMATION SYSTEMS

MAGISTER TECHNOLOGIAE

Course aim
The Master's degree in Business Information Systems (BIS) is designed to provide business, management and technical expertise with a bridge between management and operations by incorporating the design, development, and implementation of integrated business systems – including information, financial, enterprise and web-based systems that support strategic decision making, e-Commerce, e-Government and e-Business.

Career opportunities
Graduates who master both business knowledge and technology skills have more job opportunities, because they have potentials to contribute to the shaping of their employers’ BIS strategy and operation, whether this is with a large company, government department, consultancy, specialist IT division, educational or medical institution or small to medium enterprise.

Students may choose one of two options to complete the MTech Business Administration in Entrepreneurship:

Option 1 – Research-based degree
Students conduct supervised research in a specialised area of BISband complete a dissertation.

Option 2 – Course-driven degree
This programme consists of course work (class attendance) and a research project and paper.

Programme structure

Option 1 – Research-based degree
Research and dissertation

Option 2 – Course-driven degree
Compulsory modules:
- Information Technology in Business
- Business Process Design
- Project Management
- Integrative Industrial Thought
- Knowledge Management
- Database Systems and Data Management
- Business Systems
- Computer Models for Business Decisions
- Business Systems
- Research Methods / Writing / Proposal
- Software Systems Design and Development
Enterprise Resource Planning Systems: Business Systems
Research project and paper

Two electives from:
- Human Resource Information Systems
- Business Information Systems in – Marketing
- Business Information Systems in - Finance
- Applied e-Business
- Contemporary Issues In Business Information Systems
- Multimedia in Business
- Integrated Economic Policy

Duration of course
Part-time: 2 years (2 x 4-day contact sessions per semester: February–June and July-November

CONTACT DETAILS:

Faculty Office
- Tel +27 +21 460 4251/3876
- Fax +27 +21 460 3716
- Email business@cput.ac.za

Head of Department
- Tel +27 +21 460 3291
COST AND MANAGEMENT ACCOUNTING

MAGISTER TECHNOLOGIAE

Course aim
Graduates develop the knowledge and skills required to conduct independent research in cost and management accounting and related practice and to contribute significantly to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
Graduates generally work at senior levels and operate at the heart of the decision-making process. They are responsible for finding, interpreting and assessing critical information to help shape an organisation’s strategy. They work in all business sectors from blue chip companies to banks and public sector organisations to management consultancies. Graduates are also employed in research and teaching positions at higher education institutions.

Programme structure
- Research project and dissertation

Duration of course
- Full-time: Minimum one year
- Part-time: Minimum two years

CONTACT DETAILS
Cape Town Campus
Faculty Office
Tel +27 +21 460 4251/3876
Fax +27 +21 460 3716
Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3477
FOOD AND BEVERAGE MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The programme is specifically designed to provide a broad based education recognising the strong interrelationships between food and beverage and hospitality. This program of study allows for the students a broader opportunity for employment and career related goals.

Magister Technologiae: Hospitality Management Food and Beverage is a thesis that strengthens the student’s overall view of the Food and Beverage and Hospitality professions. The masters will ensure that middle and senior level management in the Food and beverage and hospitality, food service sectors have the requisite competencies and associated proficiency to succeed at strategic level.

Career opportunities
Food and Beverage and Food Service have become one of the world’s most significant sectors due to the economic activities of tourism over the last fifty years. International tourism is responsible for the movement of many millions of people each year, travelling for a variety of reasons, including holidays, business, education, health and visiting friends and relatives. A significant service industry is required to enable tourism to take place, while various public sector organisations are concerned with tourism development and marketing.

Food and Beverage in the Hospitality industry supports employment on a large scale in many parts of the world. As the tourism industry grows and tourism develops, there is an increasing demand from employers for quality graduates with an in-depth understanding of Food and Beverage and hospitality with proven research skills.

The South African Food and Beverage, Hospitality and Tourism Industry is committed to service excellence and professionalism. Effective and professional management in this vibrant industry is the key to achieving sustainable Food and Beverage and hospitality development, providing an enabling environment for entrepreneurs. The Institution supports these goals and provides for further development at senior level in food and beverage management tourism, hospitality and food service management.

Programme structure
- Research project and dissertation

Duration of course
Minimum Full-Time: 1 Year
Minimum Part-time: 2 Years
Maximum duration: 5 years
Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
Fax +27 +21 460 3716
Email business@cput.ac.za

Head of Department
Tel +27 +21 440 5771
HUMAN RESOURCE MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
Students may choose one of two options to complete the MTech Human Resource Management.

Option 1 – Research-based degree
Students conduct supervised research in a specialised area of human resource management and complete a dissertation.

Option 2 – Course-driven degree
This programme consists of course work (class attendance) and a research project and paper.

Admission requirements
In addition to the admission requirements on page 5, at least three years’ relevant work experience after obtaining a BTech or similar degree, is required.

Programme structure

Option 1: Research-based degree
- Research project and dissertation

OR

Option 2: Course-driven degree
- Five core subjects as well as a research project and paper

Duration of course
Part-time: Two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 21 460 4251/3876
Fax +27 21 460 3716
Email business@cput.ac.za

Programme Co-ordinator
Tel +27 21 460 3301
HUMAN RESOURCE MANAGEMENT

DOCTOR TECHNOLOGIAE

Course aim
The purpose of this programme is to develop the competence to conduct independent research in the field of human resource development. Such research should contribute significantly to the body of knowledge and make an original contribution, through the understanding, application and evaluation of existing knowledge. The research problem, including its justification, process and outcome, is reported in a thesis that complies with the generally accepted norms for research at this level.

Programme structure
Research and thesis

Duration of course
Part-time: Minimum of two years

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
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Email business@cput.ac.za

Programme Co-ordinator
Tel +27 +21 460 3301
INTERNAL AUDITING

MAGISTER TECHNOLOGIAE

Course aim
Graduates develop the knowledge and skills required to conduct independent research in internal auditing and related practice, and contribute significantly to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
Graduates generally work at senior levels and perform internal audits for organisations focusing on controls, risk management and governance. They work in all business sectors from blue chips companies to banks and public sector organisations to management consultancies. Graduates are also employed in research and teaching positions at Higher Education institutions.

Programme structure
Research project and dissertation

Duration of course
Full-time: Minimum one year
Part-time: Minimum two years

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
Fax +27 +21 460 3716
Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3477
INTERNAL AUDITING

DOCTOR TECHNOLOGIAE

Course aim
Graduates are qualified researchers who are expert in the research process as well as in the field of auditing.

Career opportunities
Graduates find employment as academics at Higher Education institutions, or become leaders in commerce and industry or the public sector.

Programme structure
Research and thesis

Duration of course
Full-time: Minimum two years
Part-time: Minimum two years

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
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Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3477
MARKETING

MAGISTER TECHNOLOGIAE

Course aim
The aim of the programme is to develop the student’s competence to conduct independent research in the field of marketing. Such research should contribute to the body of knowledge through the understanding, application and evaluation of existing knowledge.

Career opportunities
Graduates are equipped for high-level management careers in marketing, which may include regional, national and international opportunities.

Programme structure
- Research-and dissertation
- Research Methodology 5 – including the development of a research proposal

Duration of course
Full-time: One year
Part-time: Two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
Fax +27 +21 460 3716
Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3306
MARKETING

DOCTOR TECHNOLOGIAE

Course aim
The aim of the programme is to develop competence to conduct independent research under minimal guidance in the field of Marketing. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge.

Career opportunities
Graduates follow a career in executive positions or research in Marketing. They are also employed in teaching and research positions at Higher Education institutions.

Admission requirements
An MTech in Marketing with an average of 60% (or an equivalent qualification) is required.

Programme structure
Research and thesis

Duration of course
Part-time: Minimum of two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office      Head of Department
Tel +27 +21 460 4251/3876    Tel +27 +21 460 3306
Fax +27 +21 460 3716
Email business@cput.ac.za
OFFICE MANAGEMENT & TECHNOLOGY

MAGISTER TECHNOLOGIAE

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research in office management and technology, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. Students conduct independent supervised research and complete a dissertation. Students who have a research interest in any OMT field may apply for admission to the research-based degree.

Career opportunities
Graduates find employment in senior positions in both the public and the private sectors, in fields that are closely aligned with their area of research, in environments such as administration, public relations, human resources, law, or e-commerce.

Additional admission requirements
A BTech in Office Management and Technology (or equivalent qualification) is required. Students applying for the e-Business specialisation are also required to have a demonstrable interest in the information systems environment.

Programme structure
Research project and dissertation

Duration of course
Full-time: Minimum of two years
Part-time: Minimum of two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
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Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3113
OFFICE MANAGEMENT & TECHNOLOGY

DOCTOR TECHNOLOGIAE

Course aim
The aim of this programme is to develop the competence to conduct independent research in the field of Office Management and Technology. Such research should contribute significantly to the body of knowledge and make an original contribution, through the understanding, application and evaluation of existing knowledge. The research problem, including its justification, process and outcome, is reported in a thesis that complies with the generally accepted norms for research at this level.

Career opportunities
Graduates find employment in senior positions in both the public and the private sectors, in fields that are closely aligned with their area of research, in environments such as administration, public relations, human resources, law, or e-commerce.

Programme structure
Research and thesis

Duration of course
Full-time: Minimum of two years.
Part-time: Minimum of two years.

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 4251/3876
Fax +27 +21 460 3716
Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3113
PUBLIC MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The public sector is committed to professionalism and good governance at senior management level, to achieve the high standards required for effective service delivery. Students may choose one of two options to complete the MTech Public Management:

Career opportunities
Career opportunities exist in the administrative and management environment of all three spheres of the public sector – local, provincial, and national as well as in semi-state (parastatal) and non-profit organisations, educational institutions, the diplomatic corps or in political journalism.

Programme structure
Option 1: Research-based degree
Research project and dissertation
Option 2: Course-driven degree
Seven subjects as well as a research project and paper

Duration of course
Part-time: Two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
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Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3173
PUBLIC MANAGEMENT

DOCTOR TECHNOLOGIAE

Course aim
The purpose of this programme is to develop the competence to conduct independent research under expert guidance in the field of public management.

Career opportunities
Graduates follow a career in executive positions or research in public management. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
Research and thesis

Duration of course
Part-time: Minimum of two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
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Email business@cput.ac.za

Head of Department
Tel +27 +21 460 3173
RETAIL BUSINESS MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research in retail business management, and to contribute significantly to the industry through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
Graduates follow high-level management careers in the retail and wholesale sectors, such as category management, regional or national management, or international business management.

Programme structure
- Research project and dissertation

Duration of course
Part-time: Two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 21 460 4251/3876
Fax +27 21 460 3716
Email business@cput.ac.za

Head of Department
Tel +27 21 460 3028
SPORTS MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The MTech Sports Management is a research-driven qualification culminating in a full thesis. The qualification aims to provide a clear professional and academic pathway in the area of sports business and management that will enhance managerial, business and research skills required for the 21st century in Africa, as well as for the world market. The need for this level of expertise and applied knowledge in South Africa, Africa and in the global economy is underpinned by the rapid and continuing evolvement of the business of sport.

The postgraduate degree is intended to provide a qualification and subsequent opportunities for those candidates in possession of a wide range of degrees in the Sports Management, Sports Science and related fields. It is designed to improve the knowledge base, skills and capacity of practicing sports managers and to improve national capacity in the business of sport and the management of sports organisations and facilities.

Career opportunities
Graduates follow high-level management careers in the fields of sports marketing, strategic analysis, research and technology development.

Programme structure
Research and dissertation

Duration of course
Part-time: Minimum of two years, maximum of five years

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TOURISM AND HOSPITALITY MANAGEMENT

MAGISTER TECHNOLOGIAE

Course aim
The Master’s degree in Tourism and Hospitality is specifically designed to provide a broad based education recognising the strong interrelationships between tourism and hospitality. The degree is based on course work, followed by research project, and is designed to ensure that middle and senior level management in the tourism, hospitality, food service and food and beverage sector have the requisite competencies and associated proficiency to succeed at strategic level.

The research component strengthens the student’s overall view of the Hospitality and Tourism professions. The content of the body of programmes provides managing techniques that the student currently encounter in their careers including hospitality organisational change within the global context while recognising the needs of a culturally diverse workforce, in an increasingly technological environment that requires simultaneous human interaction.

Career opportunities
Over the last fifty years tourism has become one of the world’s most significant economic activities. International tourism is responsible for the movement of many millions of people each year, traveling for a variety of reasons, including holidays, business, education, health and visiting friends and relatives. A significant service industry is required to enable tourism to take place, while various public sector organisations are concerned with tourism development and marketing.

Tourism supports employment on a large scale in many parts of the world. As the tourism industry grows and tourism develops, there is an increasing demand from employers for quality graduates with an in-depth understanding of tourism and hospitality with proven research skills.

The South African Tourism Industry is committed to service excellence and professionalism. Effective and professional management in this vibrant industry is the key to achieving sustainable tourism and hospitality development, providing an enabling environment for entrepreneurs.

Programme structure
Option 1: Research-based degree
- Research project and dissertation

OR

Option 2: Course-driven degree
- Three core subjects and three electives as well as a research project and paper.
- Not all electives will be offered every year.
CAPE PENINSULA UNIVERSITY OF TECHNOLOGY

FIRST YEAR
Core modules
Overview of Tourism and Hospitality
Marketing Strategies in the Tourism /Hospitality Field
Resources Management in the Tourism/Hospitality Field

Electives
Choose any three of the following modules:
Entrepreneurship
Hospitality and Tourism Operations Development
Hospitality Operations Management
Food and Beverage Management
Accommodation Structure and Organisation
Management of Events
Quality Environmental Management
Tourism Development and Planning
Services Management
Community and Cultural Tourism

SECOND YEAR
Research project and paper
The purpose of the dissertation is to provide an opportunity for students to apply the knowledge and skills gained during the course to real-life environment, under supervision, and demonstrate their grasp of the strategic skills, which are at the heart of the course.

Duration of course
Research-based: One year
Course-driven: Two years.
Maximum: Five years

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Head of Department
Ms M Silo
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TOURISM AND HOSPITALITY MANAGEMENT

DOCTOR TECHNOLOGIAE

Course aim
The purpose of this programme is to develop the competence to conduct independent research in the field of Tourism and Hospitality. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge.

Admission requirements
The applicant must have a Magister in Technologiae in Tourism & Hospitality Management or an equivalent qualification. Special cases will be referred to the discretion of the Head of Department or the Research Committee of the Faculty of Business.

Career opportunities
The Doctorate in Tourism and Hospitality is specifically designed to encourage research into the strong interrelationships between tourism and hospitality. This programme of study allows for the students a broader opportunity for employment and career related goals.

The degree is designed to ensure that middle and senior level management in the tourism, hospitality, food service and food and beverage sector have the requisite competencies and associated proficiency to succeed at strategic level.

Programme structure
Research project and thesis

Duration of course
Minim: Two years  
Maximum: Six years

Venue of offering
Cape Town Campus

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Head of Department  
Ms M Silo  
Tel +27 +21 460 9067/3022
EDUCATION

MAGISTER EDUCATIONIS

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research in education, training and development, and to contribute significantly to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
This qualification is relevant to all educators at schools, technical colleges and post school institutions, as well as subject advisors, education development officers and district managers.

Admission requirements
Applicants who wish to enrol for this qualification should be in possession of an honours degree or its equivalent at NQF7 level.

Programme structure
Research project and dissertation

Duration of course
Full-time: One year (Research project and dissertation only)
Part-time: Two years

CONTACT DETAILS

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Mowbray Campus
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Wellington Campus
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Fax +27 +21 864 5253
EDUCATION

DOCTOR EDUCATIONIS

Course aim
The purpose of this programme is to develop the competence to conduct independent research under minimal guidance in the field of education, training and development. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge.

The Doctor Educationis is a postgraduate qualification aimed at creating opportunities for candidates to engage in highly advanced and specialised academic or professional study and research of an aspect of education, training or development.

Career opportunities
This qualification is relevant to educators in schools and technical colleges as well as subject advisors, education development officers and lecturers in higher education.

Admission requirements
Candidates for this qualification will already have demonstrated the necessary linguistic competence, theoretical knowledge and understanding and research ability required for study at this level.

More specifically, students at this level will have demonstrated proficiency in the language of publication, substantial theoretical knowledge and in-depth understanding of the proposed specialised area of research, as well as evidence that they are able to conduct independent research.

Programme structure
Research and thesis

Duration of course
Part-time: Minimum of two years

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Wellington Campus
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Fax +27 21 864 5268
CARTOGRAPHY

MAGISTER TECHNOLOGIAE

Course aim
Graduates develop the knowledge and skills required to conduct independent research in cartography, and to contribute significantly to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
Graduates are employed in research and development, as well as by government and in teaching positions in Higher Education institutions.

Programme structure
FIFTH YEAR
  Research project and dissertation

Duration of course
Part-time: Two years

Venue of offering
Bellville Campus

CONTACT DETAILS
Bellville Campus
Faculty Office
Tel +27 +21 959 6653
Fax +27 +21 959 6612
CONSTRUCTION MANAGEMENT, CONSTRUCTION MANAGEMENT (FACILITY MANAGEMENT), OR QUANTITY SURVEYING

MAGISTER TECHNOLOGIAE

Course aim
The course produces experts with integrated technical knowledge and skills, with advanced analytical and problem-solving capabilities, in specialised fields of construction, financial control, and policy formulation.

Students conduct supervised research in a specialised area of construction management, facility management or quantity surveying and complete a dissertation.

Career opportunities
Employment opportunities are many and varied. The main areas of employment are with building contractors, professional quantity surveyors or facility management. Opportunities also exist for self-employment, or employment in property development, financial and insurance institutions, with state and semi-state departments and in marketing with retailers and manufacturers in the construction industry.

Programme structure
FIFTH YEAR
Research project and dissertation

Research areas:
- Housing
- Project Management
- Facility Management
- Project Delivery
- Community Development
- Project Costing
- Maintenance Management

Acceptance into the programme is subject to:
- Availability of a supervisor
- Applicants meeting the academic requirements of the supervisor

Professional registration
Graduates may be eligible for particular categories of membership of the Chartered
Institute of Building (CIOB Southern Africa), the South African Council for the Quantity Surveying Profession, the Association of South African Quantity Surveyors, or the South African Council for the Project and Construction Management Professions.

**Duration of course**
- Full-time: Two years
- Part-time: Three years

**Venue of offering**
Bellville Campus

**CONTACT DETAILS**
Bellville Campus
Tel +27 21 959 6631
Fax +27 21 959 6656
Email: danielsch@cput.ac.za
ENGINEERING: CHEMICAL

MAGISTER TECHNOLOGIAE

Course aim
Graduates develop the knowledge and skills required to conduct independent research in chemical engineering and environmental problems, and to contribute significantly to knowledge production through the understanding, application and evaluation of existing and new chemical engineering knowledge.

Career opportunities
Graduates play an important role in the development of new products, new applications for existing products and raw materials, more cost effective ways of making existing products in the following areas which are also the research interests in the Chemical Engineering Department: bioprocessing, bioreactor technology, heterogeneous catalysis, hydrometallurgy, minerals processing, wastewater treatment, food processing, fuel cell technology, renewable energy, and oil and gas.

Graduates are employed in research and development in industry, as well as in teaching positions at Higher Education Institutions.

Programme structure
FIFTH YEAR
  Research project and dissertation

Research areas: (MTech and DTech)

Environmental Engineering and Bioproducts Technology
  • Chemical process risk assessment
  • Membrane, ion exchange and biological process developments in environmental and process applications
  • Pesticide and heavy metal analysis
  • Waste water treatment
  • Water re-use with membrane technology
  • Food Processing and bioproducts (Rheology, Food properties, Dehydration processes)
  • Biosorption of heavy metal removal in water treatment

Hydrometallurgy, Biotechnology and Mineral Processing
  • Sorption of base and heavy metals on porous adsorbents
  • Membrane Bioreactor technology
  • Bioleaching of solid mineral
  • Extraction of precious metals from aqueous solution in supercritical fluids
CAPE PENINSULA UNIVERSITY OF TECHNOLOGY

Oil and Gas Technology
- Fuel cell technology
- Analysis and modeling of Polymer electrolyte membrane fuel cells
- Biodiesel from agricultural material and waste vegetable oil
- Renewable energy from municipal solid wastes
- Production of Ultra Clean Fuels from Syngas over gold-based Catalysts

Duration of course
Full-time: Minimum one year

Venues of offering
Bellville Campus
Cape Town Campus

CONTACT DETAILS
Bellville Campus
Faculty Office  Prof Tunde Ojumu
Tel +27 +21 959 6523  Tel +27 +21 959 6083
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Cape Town Campus
Faculty Office  Prof Tunde Ojumu
Tel +27 +21 460 3043  Tel +27 +21 460 3162
Fax +27 +21 460 3706  Fax +27 +21 460 3282
ENGINEERING: CHEMICAL

DOCTOR TECHNOLOGIAE

Course aim
Graduates can conduct independent research in the field of chemical engineering, and contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge.

Career opportunities
Graduates play an important role in the development of new products, new applications for existing products and raw materials, more cost effective ways of making existing products in the following areas which are also the research interests in the Chemical Engineering Department: bioprocessing, bioreactor technology, heterogeneous catalysis, hydrometallurgy, minerals processing, wastewater treatment, food processing, fuel cell technology, renewable energy, and oil and gas.
Graduates are employed in research and development in industry, as well as in teaching positions at Higher Education Institutions.

Programme structure
SIXTH YEAR
Research and thesis

Research areas: See page 45

Duration of course
Full-time: Minimum two years

Venues of offering
Bellville Campus
Cape Town Campus

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Prof Tunde Ojumu
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ENGINEERING: CIVIL

MAGISTER TECHNOLOGIAE

Course aim
The graduate at this level functions independently as a technologist who displays competence as a member of the engineering team in the execution of specialist engineering tasks.

Career opportunities
Graduates of this programme follow a career in research and development in industry or may be employed at research institutes. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum one year  Part-time: Two years

Venue of offering
Bellville Campus

CONTACT DETAILS
Bellville Campus
Faculty Office  Ms A Kamalie
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ENGINEERING: CIVIL

DOCTOR TECHNOLOGIAE

Course aim
The purpose of this programme is to develop the competence to conduct independent research under minimal guidance in the field of civil engineering. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge. The research problem, including its justification, process and outcome, is reported in a dissertation and in scientific publications that comply with the generally accepted norms for research at this level.

Career opportunities
Graduates of this programme follow a career in research and development in industry or may be employed at research institutes. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
SIXTH YEAR
  Research and thesis

Duration of course
Full-time: Minimum of two years

Venue of offering
Bellville Campus

CONTACT DETAILS
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CAPE PENINSULA UNIVERSITY OF TECHNOLOGY

ENGINEERING: ELECTRICAL

MAGISTER TECHNOLOGIÆ

Course aim
The course equips students with the necessary knowledge and skills to conduct research in electrical engineering, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
Graduates may follow a career in research and development in industry, or may be employed at research institutes. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

The University has entered into an agreement with the French South African Institute of Technology to offer MTech students who have completed the MTech research degree, the option to complete additional coursework and to graduate with an MTech (issued by CPUT) and a Master of Science in Electronic Engineering (issued by Groupe École Supérieure d'Ingénieurs en Électronique et Électronique) – recognised in Europe.

The coursework in space technology and associated fields for the additional qualification is offered at the Bellville Campus only.

Duration of course
MTech only: 12 to 18 months
Dual course: 18 to 24 months.

Venues of offering
Bellville Campus
Cape Town Campus

CONTACT DETAILS

Bellville Campus
Ms Cindy Engel
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Cape Town Campus
Ms Judy Rogers
Tel +27 +21 460 3083
Fax +27 +21 460 3705
Email: rogersj@cput.ac.za
ENGINEERING: ELECTRICAL

DOCTOR TECHNOLOGIAE

Course aim
Graduates develop the competence to conduct independent research in the field of electrical engineering, and contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge.

Career opportunities
Graduates follow a career in research and development in industry, and are employed at research institutes. They may also find employment in research positions at Higher Education institutions.

Programme structure
SIXTH YEAR
   Research and thesis

Duration of course
Full-time: Three years

Venues of offering
Bellville Campus
Cape Town Campus

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ENGINEERING: MECHANICAL

MAGISTER TECHNOLOGIAE

Course aim
Graduates will make a contribution, through research, to understanding the application and evaluation of existing knowledge in a specialised area of technology. They will also demonstrate a high level of overall knowledge in that area, ranging from fundamental concepts to advanced theoretical or applied knowledge. Students may choose one of two options to complete the MTech: Engineering: Mechanical.

Option 1: Research-based Degree: Students conduct supervised research in a specialised area of mechanical engineering and complete a dissertation.

Option 2: Course-driven Degree: This programme consists of course-work (class attendance) and a research project and paper.

Career opportunities
Graduates follow a career in research and development in industry, and may be employed at research institutes. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Option 1
Research project and dissertation

Option 2
Strength of Materials 5 Engineering Mathematics 5
Theory of Structures 5 Information Technology 5
Metallurgical Thermodynamics 5 Engineering Management 5
Research project and paper

Duration of course
Full-time: Minimum of one year
Part-time: Two years, including 18 months of course work

Venue of offering
Bellville Campus

CONTACT DETAILS
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ENGINEERING: MECHANICAL

DOCTOR TECHNOLOGIAE

Course aim
Graduates will make a significant and original contribution to knowledge in a specialised area of technology. They will have a high level of overall knowledge in that specialised area, ranging from fundamental concepts to advanced theoretical or applied knowledge.

Career opportunities
Graduates follow a career in research and development in industry and may be employed at research institutes. They are also employed in teaching and research positions at Higher Education institutions.

Programme structure
SIXTH YEAR
Research and thesis

Duration of course
Full-time: Minimum of two years

Venue of offering
Bellville Campus

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QUALITY

MAGISTER TECHNOLOGIAE

Course aim
The course equips students with the necessary knowledge and skills to conduct independent research in quality implementation, maintenance and improvement, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
With globalisation and the opening of international markets, the demand for quality assurance of products and services is at an all time high, in all industry and government sectors.
Graduates play an important and direct role in these fields and are employed in research and development in industry. They are also employed in research positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: One year

Venue of offering
Bellville Campus

CONTACT DETAILS
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BIOMEDICAL TECHNOLOGY

MAGISTER TECHNOLOGIAE

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research in biomedical technology, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge.

Career opportunities
Qualified medical technologists are employed in laboratories in blood transfusion services, private pathology practices, the National Health Laboratory Services, the Medical Research Council, forensic laboratories, veterinary practices and other disciplines such as pharmaceutical companies.

Opportunities also exist for medical technologists to become involved in research at academic institutions. Registered medical technologists may also apply for a license to practice in a private capacity in their own laboratories.

Programme structure
FIFTH YEAR
- Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venues of offering
Bellville Campus

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BIOMEDICAL TECHNOLOGY

DOCTOR TECHNOLOGIAE

Course aim
The purpose of this programme is to develop the competence to conduct independent and original research in the field of biomedical technology. Such research should contribute significantly to the body of knowledge through the understanding, application and evaluation of existing knowledge.

Career opportunities
Qualified medical technologists are employed in laboratories in blood transfusion services, private pathology practices, the National Health Laboratory Services, the Medical Research Council, forensic laboratories, veterinary practices and other disciplines such as pharmaceutical companies. Opportunities also exist for medical technologists to become involved in research at academic institutions. Registered medical technologists may also apply for a license to practice in a private capacity in their own laboratories.

Programme structure
SIXTH YEAR
Research and thesis

Duration of course
Full-time: Minimum of two years
Part-time: Minimum of two years

Venues of offering
Bellville Campus

CONTACT DETAILS
Cape Town Campus
Faculty Office
Tel +27 21 959 6569
Fax +27 21 959 6118
DENTAL TECHNOLOGY

MAGISTER TECHNOLOGIAE

Course aim
The purpose of the course is to develop researchers who can contribute to the academic and technical development of dental technology in South Africa and the world. Product development is central, with the intention of developing technology that is suitable for South Africa. Problem solving, independent thinking, entrepreneurship, and leadership are part of the programme.

Career opportunities
Graduates find employment in research and product development, academic institutions, or may conduct their own commercial dental laboratory.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: One year
Part-time: Two years

Venue of offering
Tygerberg Hospital Campus

CONTACT DETAILS
Tygerberg Hospital Campus
Mr Louis Steyn Tel +27 +21 +933 4664
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Ms Maureen Anthony Tel +27 +21 +933 4664
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NURSING

MAGISTER TECHNOLOGIAE

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research in nursing, and to contribute significantly to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome are reported in a dissertation, which complies with the generally accepted international norms at this level.

Career opportunities
Graduates are equipped to actively participate in research activities at various levels, including undertaking doctoral studies. They can also be employed in research and teaching positions at Higher Education Institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venues of offering
Bellville Campus

CONTACT DETAILS
Bellville Campus
Faculty Office
Tel + 27 +21 959 6569
Fax + 27 +21 959 6118
RADIOGRAPHY

MAGISTER TECHNOLOGIAE

Course aim
This qualification is intended to further develop competent researchers who will make a contribution to the body of knowledge, through independent research, in a chosen field of radiography. The research output, in the form of a thesis or suitable alternative, will demonstrate that the researcher has achieved a high level of in-depth knowledge in the research field of radiography. This will include fundamental concepts, advanced theory, scientific competence and applied knowledge.

Career opportunities
A wide range of opportunities exist for graduates in senior clinical positions, research posts or education. Employment is available in academic hospitals, community health centres, private and public practice both nationally and internationally, research institutes, as medical representatives. Graduates in radiography can apply to the HPCSA for the right to start a private practice. Other opportunities include post-graduate study:

• Doctor Technologiae Radiography
• Specialised short courses
• Higher education qualification

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venues of offering
Groote Schuur Hospital Campus
Tygerberg Hospital Campus

CONTACT DETAILS
Groote Schuur Hospital Campus
Dr P Engel-Hills
Tel +27 +21 442 6162
Fax +27 +21 447 2963

Tygerberg Hospital Campus
Mrs Carol le Roux
Tel +27 +21 932 7320
Fax +27 +21 932 0056
RADIOGRAPHY

DOCTOR TECHNOLOGIAE

Course aim

The practitioner with this qualification will be a researcher who will make a significant scientific contribution, through independent, original research in a chosen field of radiography. The research outcome of the qualification is a doctoral thesis that complies with the generally accepted norms for research at this level.

Career opportunities

A wide range of opportunities exist for graduates in senior clinical positions, research posts or academic positions. Employment is available in academic hospitals, community health centres, private and public practice both nationally and internationally, research institutes, as medical representatives etc. Graduates in radiography can apply to the HPCSA for the right to start a private practice. Other opportunities include post-graduate study:

- Specialised short courses
- Higher education qualification

Programme structure

SIXTH YEAR

Research and thesis

Duration of course

Full-time: Minimum of two years
Part-time: Minimum of two years

Venues of offering

Supervision dependent on where supervisor is and research is being conducted but mainly at Groote Schuur or Tygerberg Campus

CONTACT DETAILS

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Prof P Engel-Hills
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Tygerberg Hospital Campus
Mrs Carol le Roux
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Fax +27 +21 932 0056
ARCHITECTURAL TECHNOLOGY

MAGISTER TECHNOLOGIAE

RESEARCH ONLY DEGREE
NOT FOR PROFESSIONAL REGISTRATION PURPOSES

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research, under appropriate supervision, in the field of architectural technology. In addition, it aims to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome is reported in a thesis that complies with the generally accepted norms for research at this level.

Career opportunities
Graduates play an important and direct role in architectural practices. They are also employed in research and teaching positions at Higher Education institutions.

Programme structure
FIFTH YEAR
- Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venue of offering
Thomas Pattullo Building
19 Jan Smuts Street
Foreshore, Cape Town

CONTACT DETAILS
Cape Town Campus
Faculty Office
Tel +27 +21 440 2200
Fax +27 +21 440 2202
DESIGN

MAGISTER TECHNOLOGIAE

Course aim
Graduates conduct independent research under appropriate supervision in a design-related field, and contribute to knowledge production in that field. The research problem, its justification, process and outcome are reported in a dissertation that complies with the generally accepted norms for research at this level. The research problem, its justification, process and outcome is reported in a thesis that complies with the generally accepted norms for research at this level.

This programme encourages students to undertake research, not only across the lines of the different design disciplines, but to provide linkages between design and such diverse disciplines as mechanical and electrical engineering, management, marketing, information technology, and critical design theory. Students can specialise in any one of the following design disciplines: Fashion, Jewellery Design and Manufacture, Photography, or Surface Design.

By expanding the applied technology and practical work of existing design degree programmes, the field of design research would be broadened to be more responsive to industry’s needs and changing circumstances, opening up new directions and developments.

Career opportunities
As a research-based qualification this degree allows for a more motivated intervention within the profession and industry, and also opens up broader applications across disciplines, as well as research and teaching positions at Higher Education institutions.

Programme structure
FIFTH YEAR
- Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Faculty Office
Tel +27 +21 460 3392
Fax +27 +21 460 3553
DESIGN

DOCTOR TECHNOLOGIAE

Course aim
Graduates must provide proof of original and creative thinking and problem-solving, and make a real contribution to the solving of a particular problem in the design industry. This is an advanced qualification based on research, with a duration of at least two years (full or part time). It comprises an advanced research project with a thesis. The research problem, its justification, process and outcome is reported in a thesis that complies with the generally accepted norms for research at this level.

Students can specialise in any one of the following design disciplines: Fashion, Industrial Design, Interior Design, Jewellery Design and Manufacture, Photography, or Surface Design.

Career opportunities
Graduates follow a career in design research and development in industry, or may be employed in teaching and research positions at Higher Education institutions.

Programme structure
SIXTH YEAR
Research project and thesis

Duration of course
Full-time: Minimum of two years
Part-time: Minimum of two years

Venues of offering
Cape Town Campus

CONTACT DETAILS
Cape Town Campus
Faculty Office
Tel +27 +21 460 3392
Fax +27 +21 460 3553
GRAPHiC DESiGNa

MAGISTER TECHNOLOGiAE

Course aim
The graduate is required to conduct independent research, under appropriate supervision, in the field of visual communication and contribute to knowledge production in that field. The research problem, its justification, process and outcome is reported in a thesis that complies with the generally accepted norms for research at this level.

Career opportunities
The main fields of employment are advertising agencies, design studios, printing and publishing houses. Employment opportunities also exist in government institutions such as museums, library services and medical institutions. Graduates may also be employed in teaching and research positions at Higher Education Institutions. After gaining practical experience, a graphic designer may decide to become self-employed as a freelance designer. Areas of specialisation include digital design, illustration, packaging, corporate identity and photography.

Admission requirements
In addition to the admission requirements (see page 5), prospective students should have achieved above average results in all relevant subjects of their undergraduate degree or, alternatively, must satisfy a panel of staff as to their competence to study at a higher level.

Programme structure

FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venues of offering
Bellville Campus
Cape Town Campus

Contact details

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Tel +27 +21 959 6356
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GRAPHIC DESIGN

DOCTOR TECHNOLOGIAE

Course aim
Graduates must provide proof of original and creative thinking and problem-solving, and make a real contribution to the solving of a particular problem in the design industry. This is an advanced qualification based on research, with a duration of at least two years (full or part time). It comprises an advanced research project with a thesis. The research problem, its justification, process and outcome is reported in a thesis that complies with the generally accepted norms for research at this level.

Career opportunities
This research-based qualification allows for a more innovative intervention in the graphic design profession and industry, and also opens up broader applications across disciplines, as well as research and teaching positions at Higher Education Institutions.

Programme structure
SIXTH YEAR
Research project and thesis

Duration of course
Full-time: Minimum of two years
Part-time: Minimum of two years

Venues of Offering
Bellville Campus
Cape Town Campus

CONTACT DETAILS
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Cape Town Campus
Tel +27 +21 460 3392
Fax +27 +21 460 3553
INDUSTRIAL DESIGN

MAGISTER TECHNOLOGIAE

Course aim
Graduates conduct independent research, under appropriate supervision, in the field of industrial design, and contribute to knowledge production in that field. The research problem, its justification, process and outcome is reported in a thesis which complies with the generally accepted norms for research at this level.

Career opportunities
This qualification, being research-based, allows for a more innovative intervention within the profession and industry, and also opens up broader applications across disciplines, as well as research and teaching positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venues of offering
Cape Town Campus

CONTACT DETAILS
Tel +27 +21 460 3392
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INFORMATION TECHNOLOGY

MAGISTER TECHNOLOGIAE

Course aim
Graduates conduct independent research, under appropriate supervision, in the field of information technology and informations systems (IT/IS), and contribute to knowledge production in that field, namely Information Technology and Information Systems (IT/IS). Students may choose one of two options to complete the MTech Information Technology.

Option 1: Information Technology
Students who have a research interest in any IT field may apply for admission to the research-based degree.

Option 2: e-Business Specialisation
The e-Business specialisation is aimed at students with a background and/or interest in the application of IT/IS in the e-Business environment. Students participate in a structured study programme. The programme consists of a series of compulsory components, in preparation for the research dissertation.

Career opportunities
Graduates find employment at senior level in companies where they make contributions in research and development, operational or strategic aspects of IT/IS. They are also employed in research and teaching positions in Higher Education institutions.

Programme structure
FIFTH YEAR

Option 1: Information Technology
Research and dissertation

OR

Option 2: e-Business Specialisation
Research and dissertation

Duration of course
Full-time: Minimum one year
Part-time: Minimum of two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Tel +27 +21 469 1044
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INFORMATION TECHNOLOGY

DOCTOR TECHNOLOGIAE

Course aim
Graduates must provide proof of original and creative thinking and problem-solving, and make a real contribution to the solving of a particular problem in the information technology industry. This is an advanced qualification based on research, with a duration of at least two years (full or part time). It comprises an advanced research project with a thesis.

Career opportunities
Doctors in Information Technology are usually academics at Higher Education institutions, or leaders in research and development, both in commerce and industry and in the public sector.

Programme structure
SIxTH YEAR
Research and thesis

Duration of course
Full-time: Minimum two years
Part-time: Minimum two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
Tel +27 +21 469 1044
Fax +27 +21 469 1007
INTERIOR DESIGN

MAGISTER TECHNOLOGIAE

RESEARCH ONLY DEGREE
NOT FOR PROFESSIONAL REGISTRATION PURPOSES

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research, under appropriate supervision, in the discipline of interior design, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome are reported in a thesis, that complies with the generally accepted norms for research at this level.

Career opportunities
Graduates play an important and direct role in interior design practices. They are also employed in research and teaching positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-Time: Minimum of two years

Venue of offering
Thomas Pattullo Building
19 Jan Smuts Street
Foreshore, Cape Town

CONTACT DETAILS
Faculty Office
Tel +27 021 440 2200
Fax +27 021 440 2202
PUBLIC RELATIONS MANAGEMENT

MAGISTER TECHNOLOGIAE

Course structure
Students may choose one of two options to complete the MTech Public Relations Management.

Option 1: Research-based degree
Students conduct independent research, under appropriate supervision, in a specialised area of public relations management or communication, and contribute to knowledge production in this field. The research problem, its justification, process and outcome is reported in a thesis that complies with the generally accepted norms for research at this level.

Option 2: Course-driven degree
This is an innovative personal and professional development course in strategic communication, for professionals who want to acquire advanced knowledge and skills.

The course combines an e-learning environment and residential weeks. Each module is offered over a ten week period. The first four weeks consist of e-learning contact and interaction, followed by a residential week and concluded with another five-week e-learning contact, during which period final assessments take place.

A minimum of three residential weeks are scheduled. During each residential week two modules may be covered. In addition, a residential week for Foundations of Public Relations is scheduled to accommodate students from other disciplines who may be required to complete this module.

Career opportunities
Effective and strategic communication is the key to the success of any organisation and there is a demand for specialists in this field. Public Relations Management also provides entrepreneurial opportunities.

Admission requirements
Students who enter the programme via another discipline may, in addition to the minimum admission requirements (see page 5), be required to do the module Foundations of Public Relations in addition to the other modules.

Programme structure
FIFTH YEAR

Option 1: (Research-based)
Research project and dissertation
OR

Option 2: (Course-driven)
- Foundations of Public Relations (Elective for students from non-PR background)
- Managing Communication Strategy
- Positioning Organisational Relationships
- Technology, Communication and Stakeholders
- Planning Stakeholder Communications
- Research Methodology

Plus
- Research project and paper

Duration of course
Full-time:
- Research-based MTech: One year
- Course-driven MTech: Two years
Part-time: Minimum two years

Venue of offering
Cape Town Campus

CONTACT DETAILS
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Fax +27 +21 460 3553
TOWN AND REGIONAL PLANNING

MAGISTER TECHNOLOGIAE

RESEARCH ONLY DEGREE
NOT FOR PROFESSIONAL REGISTRATION PURPOSES

Course aim
The aim of this programme is to equip students with the necessary knowledge and skills to conduct independent research, under appropriate supervision, in the discipline of town and regional planning, and to contribute to knowledge production through the understanding, application and evaluation of existing and new knowledge. The research problem, its justification, process and outcome are reported in a thesis, that complies with the generally accepted norms for research at this level. This research-based qualification allows for more innovative interventions within the profession, and also opens up broader applications across disciplines.

Career opportunities
Graduates play an important and direct role in the field of town and regional planning and are employed in research and development. They are also employed in research and teaching positions at Higher Education institutions.

Programme structure
FIFTH YEAR
Research project and dissertation

Duration of course
Full-time: Minimum of one year
Part-time: Minimum of two years

Venue of offering
Thomas Pattullo Building
19 Jan Smuts Street
Foreshore, Cape Town

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