



 **DUT**
DURBAN
UNIVERSITY OF
TECHNOLOGY

2017 HANDBOOK TOWN AND REGIONAL PLANNING

 **FACULTY OF
ENGINEERING
& THE BUILT
ENVIRONMENT**

HANDBOOK FOR 2017

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

**DEPARTMENT of
TOWN and
REGIONAL PLANNING**

DEPARTMENTAL MISSION

The Department of Town and Regional Planning recognizes the need to effectively respond to the socio-economic transformation challenges facing South Africa. The Department is committed to the principle of autonomy, academic freedom and rejects any form of racism, sexism and/or sectarianism. We are committed to developing a planning profession that is relevant and appropriate to the needs of the community, government, planning institutions and the private sector.

The Department therefore aims to offer a service to its students in the following ways:-

- to develop curricula and syllabi which are relevant and appropriate to the needs of the country undergoing socio-economic transformation;
- to reach out to communities where possible, by way of practical projects, and to make this information accessible to interested constituency groups;
- to redress the imbalances of the past especially in respect of race, gender, class and any other form of social imbalance, through appropriate equity policies;
- to develop and refine technological methodologies relevant to development planning;
- to continuously monitor and evaluate planning, teaching and learning methodologies to ensure effective planning education.
- To actively participate in developing student centered learning pathways throughout their educational experiences and as lifelong learners.

Purpose of the Programmes offered

The discipline of Town and Regional Planning forms part of the built environment profession and provides a significant service element to the construction sector. The profession underpins the development work of local government in South Africa in particular and contributes to housing projects, infrastructural development, township establishment, local economic development, industrial development, environmental considerations, rehabilitation, revitalization and urban renewal, rural development, amongst others, and has local, regional and continental reach.

The qualifications are intended to:

- develop our learners as a “whole”, espousing the ethics and values of the institution, as well as the planning profession, to be a responsible citizen that makes a contribution to the positive development of our society, and has a “world view” that supports lifelong learning;
- achieve a balance between theory and practice;
- provide the relevant career focused training in the field of Town and Regional Planning within the context of the time of the programmes offered, resources and technology, and recognising the developmental context of our society, as well as the cross/ multi-disciplinary nature of our profession.

All the Town and Regional Planning courses offered are registered with The South African Qualification Authority (SAQA). The National Diploma: Town and Regional Planning and Bachelor of Technology: Town and Regional Planning have achieved unconditional accreditation by the South African Council for Planners (SACPLAN) for the period 2014-2018. The new qualification offerings will be accredited once the first cohort of students have completed the qualification.

What is a University of Technology?

A university of technology is characterized by being research informed rather than research driven where the focus is on strategic and applied research that can be translated into professional practice. Furthermore, research output is commercialized thus providing a source of income for the institution. Learning programmes, in which the emphasis on technological capability is as important as cognitive skills, are developed around graduate profiles as defined by industry and the professions.

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IMPORTANT NOTICE

The departmental rules in this handbook must be read in conjunction with the University of Technology's General Rules contained in the current General Handbook for Students.

NOTE TO ALL REGISTERED STUDENTS

Your registration is in accordance with all current rules of the Institution. If, for whatever reason, you do not register consecutively for every year/semester of your programme, your existing registration contract with the Institution will cease. Your re-registration anytime thereafter will be at the discretion of the Institution and, if permitted, will be in accordance with the rules applicable at that time.

I. CONTACT DETAILS

All departmental queries to:

Secretary: Mrs. V Rabbiechun
Tel No: 031 - 373 2673
Fax No: 031 - 373 2805/0866741456
Location of Department: Steve Biko Campus, S Block
S3 Level 4, Room BS3605.

All Faculty queries to: Faculty of Engineering and the
Built Environment

Faculty officer: Ms Neetha Singh
Tel No: 031- 373 2548/2717
Fax No: 031- 373 2719
Location of Faculty office: Steve Biko Campus, S Block, S4 Level 3

Executive Dean: Prof Theo Andrew

Tel No: 031- 373 2762

Fax No: 031- 373 2668

Location of Executive Dean's office: Steve Biko Campus, S Block, S6 Level 5

2. STAFFING Name and Qualification

Head of Department Ms R J Hansmann, MTRP (Natal) Pr. Pln A/1008/1998

Associate Director Ms G Lincoln, MTRP (Natal)

Senior Lecturers Ms N Foster, MTRP (Natal)
Ms T Gordon, MTRP (Natal)
Dr G G Musvoto, MTRP, PhD Town Planning (UKZN) Pr.
Pln A/1829/2014

Lecturers Ms D Cele, BTech TRP (DUT). MTRP(KwaZulu-Natal)

GIS Lab Technician Mr J Kitching, B Tech TRP (MLST)

Secretary Mrs V Rabbiechun, ND: Executive Secretary

3. PROGRAMMES OFFERED BY THE DEPARTMENT OF TOWN & REGIONAL PLANNING

South Africa is undergoing transition to a democracy. This transition has brought to the fore numerous socio-political and economic problems. These problems are characterised by increasing rates of urbanisation, lack of housing, homelessness, growing unemployment, lack of facilities, economic deprivation of sections of our population and many more. It is in this changing environment that the planning profession must carry out its work. This poses enormous problems and places a great deal of responsibility on planning theorists, practitioners and technicians alike. The Durban University of Technology offers a three-year Town & Regional Planning Diploma, a one-year Degree B.Tech: Town & Regional Planning, a new three year Bachelor of the Built environment in Urban and Regional Planning (as of 2017), and a Master of the Built Environment, that allows students the opportunity to learn technical, creative and relevant skills, which can be applied in a socially responsible way in our changing society.

3.1 Programmes offered

Programmes offered in this Department which, upon successful completion, lead to the award of the following qualifications:

Qualification	SAQA NLRD Number	Credits	NQF Level
National Diploma: Town and Regional Planning	72270	360	NQF 6
Bachelor of Technology: Town & Regional Planning	73689	120	NQF 7
Bachelor of the Built Environment in Urban and Regional Planning	99018	360	NQF 7
Master of the Built Environment	96844	180	NQF 9

The purpose of the qualifications offered in Town and Regional Planning is to provide professional and technical education leading to a qualification and professional recognition as identified by the Planning Profession Act of 2002.

To achieve this purpose, the Department of Town and Regional Planning provides the opportunity for learners to develop their skills, knowledge and application thereof, within the context of social responsibility and sustainable development through the following broad curricula guidelines:

- the use of social science theory as an analytical framework in which to understand, conceptualise and analyse society, politics, process, the environment and context of development;
- the application of design as a spatial tool for developing human settlement processes, land use and physical development
- economic issues and context as they relate to development
- the environmental and sustainability challenges for planning and society

- the legal framework in which planning functions
- management processes as it relates to the built environment
- ethics and values that underpin the profession
- developing life skills

3.1.1 NATIONAL DIPLOMA: TOWN & REGIONAL PLANNING (NDTRP2 / 360 Credits / NQF 6)

The National Diploma: Town & Regional Planning is a three-year course. This is based on three one-year levels, i.e., two academic (Years One & Three) and work integrated learning (Year Two) sandwiched between them. This course is offered on a full-time basis. The first and third years comprise full-time study at the Durban University of Technology, while the second year entails working for a firm of Town & Regional Planners or government department under supervision of a professional planner whilst completing projects set by the Department.

The purpose of the National Diploma: Town and Regional Planning qualification as submitted to the South African Qualifications Authority is:

“This qualification is intended for planning technicians working in government and non-government sectors. Learners would in a team be able to perform in both spatial and non-spatial planning fields using appropriate technology in order to critically respond to the challenges in the built environment. Learners may apply for registration as a technician with the SACPLAN (South African Council for Planners).”

3.1.2 BACHELOR OF TECHNOLOGY: TOWN & REGIONAL PLANNING (BTTRP1/120 Credits/NQF 7)

The B. Tech: Town & Regional Planning comprises a one-year full-time course. The minimum entry requirement is a National Diploma: Town & Regional Planning as laid out in the section 6. and 7. below, in the criteria for admission to the B. Tech: Town & Regional Planning.

The purpose of the B.Tech: Town and Regional Planning qualification as submitted to the South African Qualifications Authority is:

“This qualification is intended for persons specializing in the field of urban and regional development planning working in government and non-government sectors. Learners achieving this qualification would independently and in a team, be able to plan in both spatial and non-spatial fields using appropriate technology in order to critically respond to the challenges in the natural and built environment. Learners may apply for registration as a professional planner with the SACPLAN (South African Council for Planners).”

3.1.3 BACHELOR DEGREE OF THE BUILT ENVIRONMENT IN URBAN & REGIONAL PLANNING (BBURP1/ 360 Credits / NQF 7)

The Bachelor of the Built Environment: Urban & Regional Planning comprises a three full-time years of study, with six semesters of modules.

The purpose of the degree as submitted to the South African Qualifications Authority is: *“The purpose of this qualification is to develop a graduate that has a good understanding of the field of urban and regional planning and is competent in the knowledge, attitude, insight and skills required for the urban and regional planning profession, in government and non-government sectors. The qualifying graduate will be able to work effectively in a team to competently apply and integrate theoretical principles, evidence-based techniques, practical experience, apply planning procedures and appropriate spatial and non-spatial skills in order to respond to challenges in the built and natural environment. Graduates may apply for registration with the South African Council of Planners (SACPLAN) as identified by the Planning Profession Act of 2002. Graduates achieving this qualification will be competent to work as a Planner, as part of a team, to initiate and manage change in the natural and built environment in order to further human development and sustainability.”*

3.1.4 MASTER DEGREE OF THE BUILT ENVIRONMENT (MBTRPI / 180 Credits / NQF 9)

The Masters Built Environment (MBE), by dissertation, is offered by the Department of Town and Regional Planning at the Durban University of Technology. It falls under the MBE programme offered by the Departments of Construction Management & Quantity Surveying which are currently responsible for the registration and administrative support for the qualification. However, the Department of Town and Regional Planning has specific eligibility enrolment criteria and procedures for the programme in line with its departmental strategic research objectives and discipline ethos. These are in line with the envisaged goals and objectives of the programme which are to prepare students for doctoral research as well as equip them with research skills for development planning. The purpose of the Master of the Built Environment is not for the purposes of professional registration with the South African Council for Town and Regional Planners (SACPLAN), but to further research capacity on planning related issues in KwaZulu-Natal.

This qualification is intended for persons who will make a contribution, through research, to understanding the application and evaluation of existing knowledge in a specialized area of urban and regional planning. They will also demonstrate a high level of overall knowledge in that area ranging from fundamental concepts to advanced theoretical or applied knowledge. This is a one year research degree.

3.2 Career Information for the Town and Regional Planning Field

The work of a Town & Regional Technician and Planner is of a diverse nature and embraces, inter alia, surveying tasks, planning surveys, the analysis and presentation of data by means of maps, graphs, diagrams and sketches, assistance in the preparation of town planning schemes and the construction of scale models for proposed schemes. There is also an increasing demand for

planners to develop and use community participation models and methods in their every-day work and for the management and strategic skills of advanced graduates in the field Town & Regional Planning Planners are employed by planning firms, local and provincial authorities and civil service, and service organisations.

Graduates of the programme are able to enter the Urban and Regional planning profession and register with the Council as defined by the Planning Profession Act of 2002.

The following are planning and professional organisations that graduates are encouraged to join:

South African Planning Institute (SAPI)

Address: Private Bag X200, Halfway House, 1685

email: sapi@worldonline.co.za

Web: www.sapi.org.za

Tel. No. (011) 805 5947

Fax. No. (011) 805 5971

South African Council for Planners (SACPLAN) Postal Address:

The Registrar

The South African Council For Planners

PO Box 1084

Halfway House

Midrand 1685

Physical Address:

International Business Gateway Office Park

Corner New Road and 6th Street

Midridge Office Park

1st Floor Block G Midridge

Tel: (011) 318-0437 / (011) 318-0460

Fax: (011) 318-0405

Email: planner@sacplan.co.za

Graduates are encouraged to join the Council and Institute, which provide a forum for technicians and planners. During the course of their studies, students will be advised of the activities of the various fraternal planning organizations and how it benefits students and graduates to become members thereof.

3.3 Minimum Admission Requirements

3.3.1 Admission to National Diploma: Town & Regional Planning (NDTRP2)

Admission Requirements

The admission into the National Diploma: Town and Regional Planning

requires a national Senior Certificate or recognized equivalent qualification.

Table 1: Entry Requirements for the National Diploma: Town & Regional Planning

Bachelor of the Built Environment in Urban and Regional Planning				
ENTRY REQUIREMENTS	NSC Rating	SC		NCV Level 4
Compulsory Subjects		HG	LG	%
English Home Language	4	D	C	50%
English First Additional/ Second Language*	5	B	-	-
Mathematics	4	E	D	60%
* Either English Home OR English First Additional Language will be taken into account.				
Recommended Subjects**	NSC Rating	SC		NCV Level 4
		HG	LG	%
Geography	5	D	C	60%
History	5	D	C	60%
Life Sciences/Biology	5	D	C	60%
Physical Science/Science	5	D	C	60%
** Any <u>one</u> of the recommended subjects is taken into account when ranking the candidates.				
-No equivalent				

Life Orientation or more than one additional language is excluded

In terms of the Old Senior Certificate, the minimum requirements are as follows:

*If English: Second Language was completed, a HG - B is required.

Recommended Subjects: one out of the following are required: Geography, History, Physics OR Biology (HG - D; SG - C).

In addition to the above admission requirements, students will be selected on their potential for the course.

In terms of the New National Senior Certificate the minimum requirements are as follows:

Compulsory Subjects	Mathematics	English (1st / Home Language)
Rating Code	4	4
Rating	Adequate achievement	Adequate achievement
Marks	50-59	50-59

*If English 1st additional language was completed, a Rating of 5 (60-69) is required.

Recommended Subjects: one of the following is required:

Geography with a rating of 5 or

History with a rating of 5 or

Science or Life Sciences with a rating of 5

Mathematics (N4) at a score of 50 % and above is treated as the equivalent of NSC Mathematics with a rating of 4.

In addition to the above admission requirements, students will be selected on their potential for the course.

The Department also admits students through Recognition of Prior Learning (RPL) as outlined in the University's policy. Prospective applicants should contact the Department for further details.

Selection Procedure

It is the policy of the Durban University of Technology that all persons who apply for study at this Institution shall be subjected to a selection procedure as determined by the Institution from time to time. All first time applicants to the DUT should apply to study at the DUT via the Central Applications Office (CAO).

Contact details:

Phone: (031) 268-4444

Web: www.cao.ac.za

Duration and Structure of Course

The duration of the course for the National Diploma: Town & Regional Planning is three years. This is based on three one-year levels, i.e. two academic (Years One and Three), and one experiential (Year Two) sandwiched between them. The first and third years comprise full-time study at the Durban University of Technology, while the second year entails working for a firm of Town & Regional Planners or government department whilst completing projects set by the department. The Rules of Progression for the Diploma are set out in Section 5. and 7. below as well as under Section 8. Brief outline of Syllabi.

Work Integrated learning

The second year of the National Diploma: Town & Regional Planning is devoted to Work Integrated Learning, with students employed by a professional Town & Regional Planning practice, or by a government department, while remaining registered at the Durban University of Technology and having to complete practical projects.

Students will be briefed and set projects and will be required to produce design theoretical technical reports and the like. This will be undertaken within structured syllabi and will be monitored and evaluated by the institution's lecturers. The syllabi for Year Two are completed mostly in the student's own time whilst working in an office.

3.3.2 Admission to B-Tech. Town & Regional Planning (BTTRPI)

After completion of the National Diploma: Town & Regional Planning, the student could continue with his/her studies by applying for the B-Tech: Town & Regional Planning.

Admission Requirements

The admission requirements for the B-Tech: Town & Regional Planning is the National Diploma: Town & Regional Planning or equivalent qualification. Criteria for admission to the B-Tech: Town & Regional Planning is set out in 5.4 below.

Duration & Structure of Course

The B-Tech: Town & Regional Planning comprises a one year full-time course.

3.3.3 Admission to Bachelor Degree of the Built Environment in Urban & Regional Planning (BBURPI)

Admission Requirements

Students who wish to enrol for the programme must apply through the Central applications Office (CAO) by end of September of the previous year (See Selection Procedure above). The number of students enrolled each year will be determined by the University enrolment plan and the departmental growth policies. In addition to the minimum University admission requirements, the following criteria must be met by students wishing to study this higher degree.

- A. The minimum entrance requirements for degree purposes into the Bachelor of the Built Environment in Urban and Regional Planning is a Senior Certificate (SC), National Senior Certificate (NSC) or the National Certificate (Vocational) with appropriate subject combinations and levels of achievement, as defined in the Government Gazette, Vol 751, No 32131 of 11 July 2008, and in the Government Gazette, Vol. 533, No. 32743, November 2009. Alternatively, a Higher Certificate or an Advanced Certificate or Diploma in a cognate field may satisfy the minimum admission requirements.
- B. The entry requirements into this programme are as follows: Mathematics (level 4) and English Home language (level 4) or English First Additional language (Level 5) are the compulsory requirements, and an additional subject (Geography, History, Life Sciences or Science) at level 5 is a recommended requirement. The latter is taken into account in ranking candidates. NCV Mathematics (N4) from a TVET College at a score of 50% is treated as the equivalent of NSC Mathematic with a rating of 4. NCV Physical Science (N4) from a TVET College at a score of 60% is treated as the equivalent of NSC Physical Science with a rating of 5.

Table 2: Entry Requirements for the Bachelor of the Built Environment in Urban and Regional Planning

Bachelor of the Built Environment in Urban and Regional Planning				
ENTRY REQUIREMENTS	NSC Rating	SC		NCV Level 4
Compulsory Subjects		HG	LG	%
English Home Language	4	D	C	50%
English First Additional/Second Language*	5	B	-	-
Mathematics	4	E	D	60%
* Either English Home OR English First Additional Language will be taken into account.				
Recommended Subjects**	NSC Rating	SC		NCV Level 4
		HG	LG	%
Geography	5	D	C	60%
History	5	D	C	60%
Life Sciences/Biology	5	D	C	60%
Physical Science/Science	5	D	C	60%
** Any <u>one</u> of the recommended subjects is taken into account when ranking the candidates.				
- No equivalent				
Life Orientation or more than one additional language is excluded.				

- C. Prospective students may be required to sit for a suitable placement test, as part of the entry requirement to this programme.
- D. In addition to the above, the DUT general rules will apply with regard to admission requirements based on work experience, age and maturity, and admission via Recognition of Prior Learning (RPL). The admission of international students will be according to DUT's Admission's policy for International Students and General Rules.

Duration & Structure of Course

The duration of the programme is 3 years of full-time study. The programme is based on semester modules that are assessed either through continuous evaluation or examination. The programme is based on core planning modules and general education modules. Students are expected to complete a total of 33 modules for this programme.

3.4 Master Degree of the Built Environment (MBTRPI)

This qualification is intended for persons who will make a contribution, through research, to understanding the application and evaluation of existing knowledge in a specialized area of urban and regional planning. They will also demonstrate a high level of overall knowledge in that area ranging from fundamental concepts to advanced theoretical or applied knowledge. This is a one year research degree.

The G-rules for Masters as contained in Rules G24, G25 and G26 of the General Handbook apply, as does the DUT Postgraduate Student Guide.

Selection Procedure

Application for the Masters programme is open to students who meet the requirements as per the G Rules above. Students are encouraged to contact the Masters Co-ordinator either telephonically (+27 31 3732673) or by email via the Secretary. Prospective students are required to submit a written motivation for undertaking the Masters, and are to submit a 500 word indicative abstract on their intended research area to the Masters Co-ordinator by November for entry for the following year.

Selection of students is made by a panel of senior academic staff, using a ranking system. The ranking system includes the following criteria: relevance of the existing qualification; academic record; professional experience; research proposal; and motivation for admission, and is evaluated using a ranking of: highly relevant, relevant, average, partly relevant and mismatch. Students will be informed of the outcome of their application by the end of January of the following year.

Once selected for the Masters programme, all students will register as per the DUT Postgraduate Student Guide. All students are required to undertake a research methodology module, which includes the refining of the research proposal and acceptance thereof by the Faculty Research Committee before full registration can take place as per the G24 (2) rules.

4. PROGRAMME INFORMATION AND RULES

4.1 General information

1. Suitable Candidate Selection

A pre-registration system applies for all first time applicants to the Programmes in this Department. All applications must be made via the Central Applications Office (CAO) in the first instance.

The contact details of the CAO are:

Telephone: +27 31 268 444

Web: www.cao.ac.za

2. Selection Criteria

Demand for the programme generally exceeds the number of placements available. Selection into the programme is based on merit, and a ranking system will apply based on the Entry Requirements outlined in 2.1 above. Successful students are informed of the outcome of their application via changes made on their CAO status, and correspondence from the Department.

3. Registration

Dates of registration will be according to the University calendar as applicable to higher degree students and Rule G25(2)(c).

Registration takes place in January of each year. Students registering for the first time at the Durban University of Technology must produce their original Senior Certificate if available, statement of results, Identification document, at registration. If this requirement is not met, the Institution will be forced to cancel enrolment.

On line web registration is now available to students for subsequent registration periods.

4. Interruption of Studies

Rule G1(5) applies to registration in an instructional programme. If, for whatever reason, the student does not register consecutively for every year/ semester of his/ her programme, the existing registration contract with the Institution will cease. Any re-admission will be at the discretion of the Institution and, if permitted, will be in accordance with the rules applicable at the time of re-admission.

5. Tuition & Examination fees

Tuition fees are available on request from the Student Admission Department. Examination fees are included in the tuition fees. Fees are not refundable. Fees are payable as follows: minimum pre-registration fees on or before the date of registration and the balance in two installments.

6. Medium of Tuition

The medium of tuition is English.

7. Hours of Tuition

Full-time classes officially start at 08h00.

8. Prescribed Books

Reference books and technical journals are available to students at the library. Students will be instructed on which books and other equipment to buy.

9. Bursaries & Loans

Various scholarships and loans are available. Further information may be obtained from Financial Aid Services.

10. Residence

Limited hostel accommodation is available to full-time students. Students can only apply for accommodation once registered as a full-time student. This should be done with Student Administration.

11. Student Identity Cards

Students are issued with identity cards at the beginning of their first and subsequent years of study. Presentation of these cards when buying materials, booking

for theatres, etc. may mean special discount rates. For security purposes these cards must be presented on demand and must be carried by students at all times whilst on the Institution premises. Lost student cards must be replaced as soon as possible through the Student Admissions Department. Students must present their student cards at exam sittings as proof of Identity and registration.

12.Student Counseling

Prospective students and students, who have problems regarding choice of career or subjects, may contact Student Counseling for an appointment.

Contact Ms Naseem Haniff

Tel. (031) 373-2266

E-mail: SCDC@dut.ac.za

13.Foreign Students

The Durban University of Technology is subject to government policy in respect of the admission of foreign citizens to undergraduate courses. Prospective students should not finalize their study plans before they have obtained the required visa and study permit. Enquiries at Student Admissions should be made in this regard.

4.2 Rules for Academic Conduct in the Department of Town and Regional Planning

All students are issued with a Durban University of Technology General Handbook for Students at Registration, available on the student portal. The onus is on the student to familiarize him/herself with these rules. Notwithstanding these rules, the rules for the Department are as follows:

1. Student Responsibilities

All students who attend classes must be registered students of the programme. Any student who does not appear on the class registers will not be allowed in the lecture rooms, unless under special circumstances the student has been provided with a letter from the Head of Department, granting the student permission to attend classes.

Attendance registers are taken for all classes, and are used to assist in determining a student's duly performed (DP) status. Please note that in order to receive a class mark at the end of each semester to allow a student to write the examination, a student is expected to attend lectures, See Rule G12(5) in the DUT General Handbook for students. Late arrivals into lectures are disruptive to the lecturer and students alike. No student will be allowed into the lecture room five (5) minutes after lectures have commenced. All mobile devices are to be switched off during formal lectures.

2. Course Materials

All materials/references/assignments will be issued during formal lectures. A student who does not attend lectures will not receive this information. See also 3. and 4. below.

3. Illness

A student who is absent from lectures for three (3) consecutive days should produce a doctor's certificate or other official documentation indicating reasons for non-attendance.

4. Tests/Assignments

If a student is sick on the day of a test or assignment, a doctor's certificate must be handed in to the lecturer concerned within one (1) week. If there has been a death in the immediate family, the death certificate must be produced within three (3) weeks. Failure to do this will result in the student being allocated 0% mark for said assessment or test.

5. Exams

If a student is sick or there are extenuating circumstances in the student not being able to sit for the final examination, the onus is on the student to advise and apply, with supporting evidence, to the Faculty Office for an aegrotat examination (refer to G12 and G13 examination rules in the General Handbook for Students).

6. Site visits, field trips, conferences, workshops

Site visits, field trips, conferences, workshops and all other external (off Campus) activities are governed by the Rules of Conduct set out in the General Handbook for Students. All students are required to observe the DUT Code of Conduct and Ethics in this regard. No private needs will be permitted whilst on such official DUT business such as for example, dropping off students along the way, transporting visitors or receiving friends etc.

7. Equipment

All students are issued with equipment required to do the programme at the beginning of their first year of study (Engineering Equipment EEQP101). This equipment is considered as the "tools of the trade". Students will not be permitted in the drawing studios unless they have this equipment.

8. Student Identification Cards

Students' identification cards must be carried by students at all times, and must be produced by students for examination sittings. If the card is lost, this must be reported to Protection Services. The onus is on the student to apply for a replacement of a Student Identification Card as soon as possible.

9. Access Disk

All level classrooms have 24 hour secure access. Students are issued with access disks at the beginning of each year of study and are required to return them at the end of the respective year of study to the level Coordinator. Should a student misplace a disk, this must be reported to the level Coordinator. The student is liable for the replacement of the disc.

10. Change of Address

Should the student's address change whilst studying at the Durban University of Technology, the onus is on the student to inform the Faculty Office, and the Secretary of the Department of Town & Regional Planning. This is important as all correspondence from the Institution will be forwarded to the student study address.

11. Library Orientation

It is compulsory for all students to attend library orientation. This will be arranged with your lecturer and the library in due course.

12. Student Consultation

Students wishing to consult with the Head of Department and lecturers must do so according to the open consultation times indicated on the time-table. Should a student be unable to make that time, an appointment must be made through the Secretary of the Department with the lecturer concerned.

13. Assignments to be handed in to lecturer in class

All assignments must be completed by the due dates and handed in during class to the lecturer concerned unless an alternative arrangement has been made by the lecturer. Under no circumstance should any work be handed in to the Secretary.

4.3. Duly Performed/Course Mark/Examination Mark

4.3.1 The final mark shall be made up of the average of assessments, both practical and theoretical, during each module of the programme. There are a combination of final examinations and continuous assessments in the various modules in the programme. The details pertaining to assessment for each module offering are contained in the module Study Guides.

4.3.2 Duly Performed/Course Mark/Examination Mark

The minimum Duly Performed (DP) semester mark for examination is 40%

The final mark is made up of 50% Course Mark and 50% Examination Mark, unless otherwise indicated (e.g. continuous assessment).

Classifying Student Performance:

(This refers to the composite evaluation result for each module.)

75% and above: Distinction (Refer rule G15)

50% and above: Pass

45% - 49%: Eligible for re-assessment

44% and less: Fail

4.3.3 Rules G 13 (3) (a) & (b) shall be applied *mutatis mutandis* to students who have missed an examination assessment.

4.4. Academic Irregularities including Plagiarism

Cheating and plagiarism are unaccepted practices that will not be tolerated by the

Department and Institution. The Durban University of Technology Rule Book for Students clearly outlines the procedures and actions that will be taken if such breaches occur. Refer to General Rule G13 (o) and (p). The Department keeps a record of all instances of cheating and plagiarism.

It is the responsibility of the student to reference work correctly, to avoid plagiarism and refrain from copying other students' work or allowing the student's own work to be copied.

Students will be required to submit a standardized signed declaration that they have not plagiarized any work with each document submitted for assessment.

Plagiarism occurs where:

- "paragraphs, sentences, a single sentence or significant parts of a sentence which are copied directly and not enclosed in quotation marks or appropriately footnoted; or referenced shortly thereafter;
- direct quotations are not used, but are paraphrased or summarized, and the source of the material is not acknowledged either by footnoting or other simple reference within the text of the paper;
- an idea of the material which appears elsewhere in printed electronic format or on film is used or developed without reference being made to the author or the source of that idea or material and with the intention to deceive."

Reference: Faculty of Environmental Sciences, Griffith University School of Environmental Planning: Course Guide 2000, pages 35, 36.

4.5. Class Representatives

Class representatives are elected for each level of study for a period of one (1) year. Elections will be conducted by the lecturers. Should students be experiencing difficulties, problems or concerns, these must be raised through the class representatives to the lecturer concerned. Should these matters not be dealt with effectively, the student representative must then arrange an appointment with Year co-ordinator, then the Programme Co-ordinator and lastly, with the Head of Department.

5. PROGRAMME STRUCTURE NDTRP2 AND BTTRP I

5.1 National Diploma: Town and Regional Planning (NDTRP2)

NATIONAL DIPLOMA: Town & Regional Planning FIRST YEAR					
Code	Subjects:	*C/O	Semester/ Year	Assessment Method	Pre-requisite
PLAN101	Planning I	C	Annual	Exam	
SANS101	Survey & Analysis I	C	Annual	Exam	
COSK101	Communication Skills	C	Annual	CA	
DRWG101	Drawing I	C	1st Semester	CA	
CPSK101	Computer Skills I	C	1st Semester	CA	
CIVE101	Civil Engineering I	C	1st Semester	Exam	
GEGY102	Geography I	C	1st Semester	Exam	
PLDE201	Planning Design II	C	2nd Semester	CA	DRWG101
SURG101	Surveying I	C	2nd Semester	CA	
EEQP101	Engineering Equipment	C	Annual	None	

Note: Drawing I, Planning Design II, Planning I, Survey and Analysis I, Communications Skills and Computer Skills are pre-requisite for entry into second year.

NATIONAL DIPLOMA: Town & Regional Planning SECOND YEAR					
Code	Subjects:	*C/O	Semester/ Year	Assessment Method	Pre-requisite
PPPW201	Planning Practice & Project Work I I	C	Annual	CA	DRWG101 PLDE201 PLAN101 SANS101 CPSK101 COSK101
	Work Integrated Learning	C	Annual	CA	DRWG101 PLDE201 PLAN101 SANS101 CPSK101 COSK101

Note: Drawing I, Planning Design II, Planning I, Computer Skills, Communication Skills and Survey and Analysis I are pre-requisite for entry into second year. In addition, the student may only carry two subjects into third year.

NATIONAL DIPLOMA: Town & Regional Planning THIRD YEAR (NQF 6)						
Code	Subjects:	*C/O	Semester/ Year	Assessment Method	NQF Level	Pre-requisite
LGPR101	Legal Principles I	C	Semester	Exam	6	LEPO201
	Legal -Procedures II	C	Semester	Exam	6	LGPR101
	Planning Design III	C	Annual	Exam	6	PPPW201
DEVP301	Development Planning III	C	Annual	Exam	6	PLAN101 SANS101 PLDE201
CAPP301	Computer Applications III	C	Annual	CA	6	CPSK101
STIS102	Statistics I	C	Semester	Exam	6	

* C = Compulsory; O = Optional

CA= Continuous Assessment

5.2. Re-Registration Rules

The institutional rules regarding re-registration apply.

Criteria for Promotion to Higher Levels & Pre-requisites / Rules of Progression

National Diploma: Town & Regional Planning

From First to Second year

Students will be allowed to register for the second year of study provided they have passed the following subjects:

- Planning I
- Drawing I
- Planning Design II
- Survey & Analysis I
- Computer Skills I

Students may carry any two of the following subjects into third year; namely, Geography, Civil Engineering and Surveying.

From Second to Third Year

Students will be allowed to register for the third year of study provided:

- they have successfully completed their second year of study;
- do not carry more than two subjects from the first year;
- completed the mandatory twelve months experiential training of the 2nd year

To enroll for the third year students will be allowed to carry a maximum of two subjects provided they are not prerequisites for any of the third level subjects.

B. Tech: Town & Regional Planning

A student will only be allowed to enroll for the B.Tech. if the student has passed all first, second and third year subjects of the National Diploma: Town & Regional Planning and subject to the criteria laid out below.

5.3. B. Tech. Town & Regional Planning (BTTRPI)

After completion of the National Diploma: Town & Regional Planning, a student could continue with his/her studies by applying for the B-Tech: Town & Regional Planning.

B.TECH: TOWN AND REGIONAL PLANNING (NQF 7)

NATIONAL DIPLOMA: Town & Regional Planning SECOND YEAR					
Code	Subjects:	*C/O	Semester/ Year	Assessment Method	Pre-requisite
PLDE401	Planning Design IV	C	Annual	Exam	-
CRPL401	City & Regional Planning IV	C	Annual	Exam	-
ENV5401	Environmental Studies IV	C	Annual	Exam	-
MANA103	Management IV	C	Annual	Exam	-
GISS401	Geographic Information Systems IV	C	Annual	Exam	-
CSTU401	Community Studies IV	C	Annual	Exam	-

5.4. Criteria for Admission to the B.Tech: Town & Regional Planning National Diploma: Town & Regional Planning (New Course)

The minimum requirement for admission to the B-Tech. Town & Regional Planning is a National Diploma: Town & Regional Planning. Prospective students are required to have performed at an appropriate level as determined by the Department.

National Diploma: Town & Regional Planning (Old Course)

A student who is in possession of the National Diploma: Town & Regional Planning (T3) would only be eligible to enrol for the B-Tech. subject to completing a bridging module.

This module will comprise the following subjects taken from the new diploma:

- Planning Design III
- Development Planning III
- Legal Procedures II
- Computer Applications III

A student should have a minimum of 5 years relevant practical post diploma experience.

A working knowledge of CAD is a pre-requisite for entry at this level.

National Higher Diploma: Town & Regional Planning (Old Course)

A student who is in possession of a National Higher Diploma: Town & Regional Planning (T4) would be eligible to to enroll for the B-Tech. subject to the following:

A working knowledge of CAD is a pre-requisite for entry at this level.

OR

A student should have a minimum of 4 years relevant practical post-diploma experience. In all cases above it is the prerogative of the Department to call prospective students for an interview.

Exclusion Rules

The institutional rules regarding academic exclusion apply.

5.5. Subject Content

NB: Students to read this section in conjunction with the relevant learner guides.

Brief Outline of Syllabi

NATIONAL DIPLOMA: TOWN & REGIONAL PLANNING

First Year Subjects

Communication Skills (Continuous Assessment)

Recommended lecture periods 2 per week (1 Theory and 1 Tutorial)

1. Communication theory
2. Oral communication skills
3. Group communication skills
4. Technical writing
5. Applied technical writing
6. Interpersonal skills

Computer Skills I (Continuous Assessment)

Recommended lecture periods 3 per week (1 Theory and 2 Practicals)

1. The basic components and operation of a micro-computer
2. Software: Operating system, word processing, use of spreadsheet and introduction to computer aided drawing.

Note: In order to proceed to second year, the student must pass this subject.

Drawing I (Continuous Assessment)

Recommended lecture periods 6 per week (+ 1 Tutorial)

1. Drawing paper: their different properties and uses.
2. Drawing equipment: their care and applications.
Line work: construction lines, detail lines and final lines.
Annotations: printing and stencilling.
Scales: presenting reality on paper, enlarging and reducing plans.
3. Base plan compilation and town planning layouts and models.

Note: In order to proceed to Planning Design II students first need to pass this subject in the first semester.

Geography I (Examination)

Recommended lecture periods 5 Theory per week

1. Ecology, hydrology, geomorphology,
2. Oceanography, climatology,
3. Urban Geography, Sustainability: soil conditions
4. Spatial representation / geo-visualization

Planning I (Examination)

Recommended lecture periods 5 Theory per week

1. Historical evolution of towns and architecture of buildings, early urbanisation and rural/urban migration in developing countries.
2. Planning concepts, models of urban structure, the physical character and form of urban settlements.

3. Locational theory: Residential, industrial, Commercial, recreational and the linkage between them.
4. Development control, urban conversion and renewal.
5. Development of South African Government policies and laws.

Note: In order to proceed to 2nd year, a student must pass this subject.

Planning Design II (Continuous Assessment)

Recommended lecture periods 6 per week (1 Theory and 5 Practicals)

1. Theory of design: Visual elements, composition and spatial definition.
2. Techniques of design: The process of analysis, concepts and proposals of layouts and urban design.
3. Urban spaces: Environmental quality, composition and three dimensional integration of design elements.
4. Techniques of presentation: conceptual sketches, plans, written reports and photographs.

Note: See Drawing I above.

Survey & Analysis I (Examination)

Recommended lecture periods 5 per week

1. Survey Techniques.
2. Data Collection and Analysis Qualitative and Quantitative.
3. Land use surveys.
4. Demographic surveys.
5. Regional Surveys
6. Traffic and Transport Surveys.
7. Presentation Skills and Report Construction.

Note: In order to proceed to second year, the student must pass this subject.

Surveying I (Examination)

Recommended lecture periods 5 per week (2.5 Theory and 2.5 Practicals)

1. Basic principles of surveying.
2. Distance measurement.
3. Determination of co-ordinates with polars and traverses.
4. Determination of heights, longitudinal and cross sections.
5. Area surveying with tachometry.
6. Areas and volumes.
7. The use of the level and theodolite.
8. South African co-ordinate system

Civil Engineering I (Examination)

Recommended lecture periods 5 Theory per week

1. Site analysis.
2. Provision of the following services: Roads, water, sewage, storm water, transport routes.

Note: Drawing I, Planning Design II, Planning I, Computer Skills and Survey and Analysis I are pre-requisite for entry into second year.

Second Year Subjects

Planning Practice & Project Work II

Recommended consultation periods 4 periods per week

Assignments covering the following will be set throughout the year.

1. Preparation of maps, diagrams and illustrations, based on data provided.
2. Layout design.

3. Calculation of density, bulk allowance and slope.
4. Compilation of written reports and the presentation of statistical information.
5. Special Consent Application.
6. Acquisition, analysis and interpretation of data used for Town & Regional Planning reports.
7. Regional planning theory

Note: Drawing I, Planning Design II, Planning I, Computer Skills and Survey and Analysis I are pre-requisite for entry into second year. In addition, the student may only carry two subjects into third year.

Work Integrated Learning (12 months)

Work Integrated Learning must be undertaken at an approved place of work, and be under the control of a registered Town Planner. The criteria for evaluation will be determined by the institution together with the employer. Once a student is employed, a Departmental Work Integrated Logbook will be issued to the student.

Diversity of tasks of the required for Work Integrated Learning:

1. Graphic Communication - preparation of plans, preparation of diagrams and illustrations, preparation of maps and plans from survey data, compilation of written reports, presentation of statistical data.
2. Planning Surveys - Acquisition of Data, Analysis of Data and Interpretation.
3. Planning Design - Statutory Control, Urban Design Projects, Preparation of Structure Plans, Sub-Divisional Layouts.

Students are to present task sheets approved by employer at regular intervals.

Visits by the institution's staff to employers, will be undertaken.

Furthermore, a student is required to submit the issued logbook, duly completed, in order to qualify for graduation, as contained in Item 4 "Procedure for Completion of Logbook" in the Department Work Integrated Learning Logbook.

Third Year Subjects

Computer Applications III (Continuous Assessment)

Recommended lecture periods 8 per week (6 lectures and 2 Tutorials)

1. Development of algorithms and programmes in a high level language.
2. Use of application programmes for surveying, town planning and computer-aided drawing.
3. Database management systems.

Note: Computer Skills I is a pre-requisite for this subject.

Development Planning III (Examination)

Recommended lecture periods 6 per week (+ 2 Tutorials)

1. Socio-economic development: Basic introduction to macro and micro economics, economic systems and principles, allocation of scarce resources, supply and demand, factors of production, land as an economic commodity, economics of land use and development, globalization, unemployment and informality.
2. Economic growth and development, Regional Planning theories.
3. Planning and Government Systems, approaches to integrated development planning.
4. Planning, Climate change and sustainability
5. Urbanisation and urban systems.
6. Housing development: Legislation, availability of land for housing, the delivery systems, types of housing, financing sources, application of appropriate technology, community participation.
7. Case studies.

Note: Planning I, Survey and Analysis I and Planning Design II are pre-requisites for this subject. Students will not be allowed to enroll for this subject unless they have successfully completed their second year.

Legal Principles I (Examination)

Recommended lecture periods 4 Theory per week

1. Introduction to the law.
2. Different divisions of the South African system of Government.
3. Ownership of property: registration and transfer of land, single title and sectional title; servitudes; function of the Surveyor-General and Registrar of Deeds.

Legal Procedures II (Examination)

Recommended lecture periods 5 Theory per week

1. The legislative planning context in South Africa.
2. The historical context including planning legislation relating to the former KwaZulu and former Natal areas.
3. Township establishment and land use control procedures for KwaZulu-Natal.
4. Introduction to environmental law in South Africa.
5. Legislative context for development planning with an emphasis on Municipal Systems Act No.32 of 2000 and Kwazulu Natal Planning and Development Act no. 6 of 2008 and Spatial Planning and Land Use Management Act No. 16 of 2013

Note: Legal Principles I is a pre-requisite for this subject.

Planning Design III (Examination)

Recommended lecture periods 10 per week (5 studio and 5 lecture)

1. Site Analysis: City form; Public and private spaces; Housing Typologies and Density; Site Analysis Techniques
2. Urban Layout: Neighbourhoods and Threshold; Urban Design Concepts; Level of Services; Design guidelines; Layout and subdivision; sustainability and Design.
3. Informal Residential Design: In situ upgrading; De Facto Survey; Housing Project Cycle; Design Principles
4. Industrial/Commercial/Mixed Use Design: Mixed-use development; Shopping Hierarchy; Mixed use Design standards

Note: Students will not be allowed to enrol for this subject unless they have successfully completed their second year.

Statistics I (Examination)

Recommended lecture periods 5 per week (4 Theory and 1 Tutorials)

1. Frequency distribution: organisation of data, graphic presentation.
2. Probability: Normal and binomial distributions, standard deviation. Sampling. Inferences concerning averages and standard deviation.
3. Regression and Correlation.
4. Non-parametric tests.

Brief Outline of Syllabi

B. TECH: TOWN AND REGIONAL PLANNING

Planning Design IV (Examination)

Recommended lecture periods 4 per week (1 Theory and 3 Studio)

1. Metropolitan planning: theoretical frameworks.
 2. Spatial Frameworks.
 3. Local Area Plans and Precinct Plans.
 4. Layout design: Feasibility study.
- The submission of a series of design projects will form part of this course.

City & Regional Planning (Examination)

Recommended lecture periods 4 Theory per week

1. **Regional Planning**
 - Overview of Development Theory
 - Theory and Approaches to Regional Planning
 - Urban and Regional Resource Management
 - Transportation
 - Current Structures and Policies
2. **Urban Planning**
 - Overview of Urban Processes
 - Metropolitan Planning and Management approaches
 - Land and housing SA policy and provision
 - Globalisation and sustainability: impact on urban planning
 - Urban regeneration

Environmental Studies (Examination)

Recommended lecture periods 3 Theory per week

1. **Ecology**
 - Nutrition, Use of Matter and energy flows
 - Limits and Limiting factors
 - Habitats and niches
 - Interactions between Organizations
 - Stability and Stress
 - Changes in populations, communities and ecosystems
 - Classification and organisation in the ecosphere
2. **Environmental Issues**
 - Population
 - Socio-economics factors
 - Local and global issues
3. **Environmental Management & Planning**
 - Global to local perspective
 - Government, non-government and business
 - Environmental assessment
4. **Evaluative Techniques**
 - Basic to advanced techniques
 - Analysis and presentation
5. **Project Work**
 - Project/s relating to ecology, environmental issues and environmental management, using appropriate evaluative techniques for analysis and presentation

Geographic Information Systems IV (Examination)

Recommended lecture periods 4 per week

1. **Theory & Principles of GIS**
 - General concepts
 - Data acquisition and management
 - Raster and vector GIS
 - GIS analysis
 - GIS output
 - Advanced concepts

2. **Software Training**

Data capture tools and techniques

Data analysis

Data presentation

3. **Project Work**

Completion of GIS projects involving data capture, analysis & output in hardcopy and digital format.

Management IV (Examination)

Recommended lecture periods 3 Theory per week

1. Human relations in organizations
2. Principles and practice of management
3. Financial management
4. Office organization and professional practice
5. Team-Building and Conflict resolution
6. Project management
7. Integrated Development Plans (IDPs)
8. Area Based Management approaches

Community Studies (Examination)

Recommended lecture periods - 2 Theory per week

1. Planning theory
2. Concepts and theories of community - sociological/ anthropological aspects and the challenges of modernization
3. The South African Context of Urban and Rural Communities in South Africa - challenges for reconstruction and participatory development in South Africa.
4. Participatory planning techniques and methodologies.
5. Community participation in the planning process - case studies (international and local).

5.6. Diploma Phase-out Plan

(As approved by the University Senate on 26 August 2015)

Important information for current and prospective students (effective as of January 2016):

The current National Diploma: Town and Regional Planning shall be phased out starting in 2016 to allow for the introduction of new qualifications which must comply with the requirements of the new Higher Education Qualifications Sub-Framework.

The last cohort of first-time entering students admitted to this National Diploma qualification will be in January 2016.

Notwithstanding all the current rules (both the General Rules and Departmental Rules) that regulate this diploma, the last registration in which any student may register for each of the subjects is listed as follows:

Code	Subjects:	Semester/ Annual	Date
PLAN101	Planning I	Annual	January 2016
SANS101	Survey & Analysis I	Annual	January 2016
COSK101	Communication Skills	Annual	January 2016
DRWG101	Drawing I	1st Semester	January 2016
CPSK101	Computer Skills I	1st Semester	January 2016
CIVE101	Civil Engineering I	1st Semester	January 2016
GEGY102	Geography I	1st Semester	January 2016
PLDE201	Planning Design II	2nd Semester	July 2016
SURG101	Surveying I	2nd Semester	July 2016
PPPW201	Planning Practice & Project Work II	Annual	January 2017
	Work Integrated Learning	Annual	January 2017
LGPR101	Legal Principles I	Semester	January 2018
LEPO201	Legal -Procedures II	Semester	July 2018
PLDE301	Planning Design III	Annual	January 2018
DEVP301	Development Planning III	Annual	January 2018
CAPP301	Computer Applications III	Annual	January 2018
STIS102	Statistics I	1st Semester	January 2018

The dates stated in this rule are subject to change depending on the effective approval date for the new HEQF aligned programmes.

Please note that due to National legislation, signed into effect by the Minister of Higher Education in the Government Gazette no. 40123 of 6th July 2016, the last permitted enrolment for any non-HEQSF aligned programme will be the 31st December 2019. This means that you will not be able to enrol in a Bachelor of Technology (BTech) degree at DUT, or at any other institution in South Africa after this date.

6. PROGRAMME STRUCTURE BACHELOR DEGREE OF THE BUILT ENVIRONMENT IN URBAN & REGIONAL PLANNING (BBURPI)

The focus of the programmes offered is to develop graduates with critical problem solving skills that support theory and practice in application. This requires reflective practice as a foundational pedagogy in the development of curriculum and the students' experience of the modules they undertake. Most of the modules offered include theory and practice and the ability to solve problems ranging from more simple technical issues in the first levels of study to more complex and creative responses in higher levels of study.

Expected graduate outcomes

1. Able to apply knowledge of research theory and techniques to address the problems arising in cities and regions in contemporary South African society.
2. Apply planning theories and a knowledge of planning histories to the design, management and implementation of planning to bring about positive change and societal benefits within human settlements.
3. Apply, engage and reflect on complex issues and legislative contexts in order to inform processes to initiate, manage and control land use changes in the natural and built environment.
4. Apply communication skills in retrieving and disseminating information.
5. Able to identify and respond to planning issues within the ethical boundaries of the planning profession, which encompasses an orientation to social justice, an appreciation of diversity and complexity of cultures and views, and the promotion of efficient resource use and sustainable development.
6. Able to analyse the given context, apply policy and legislation requirements and integrated planning principles in complex planning environments, as these pertain to strategic planning, management and project management across governance scales.
7. Apply scoping and site surveying techniques and appropriate technologies to analyse sites and solve problems.
8. Able to assist in optimizing the sustainable use of resources within the built and natural environment.
9. Apply professional conduct and ethical principles in undertaking any planning work.

Key aspects are introduced from year 1 and built up to year 3. This is evident from the module titles that run through the three year programme within broad themes. These include:

- **Design:** Planning Design 101, 102, 201, 202, 301, 302
- **Environment:** Sustainable Earth Studies, Global Environment, Environment Management and Techniques 202
- **Planning Theory:** Settlement History 101, Urban Planning Theory and Practice 102, Sociology and Society, Urban Planning Theory 201, Regional Development and Planning 202 and Planning Sustainable Cities and Regions 302

- **Research:** Statistics for the Built Environment 101, Academic Literacy 101, Communication Literacy 102, Research Methods 201, Geographic Information Systems 201, Research Methods 301, Geographic Information Systems 301 and Research Project 302
- **Land Use:** Site Surveying 101, Introduction to Principles of Law 201, Economics for the Built Environment 201, Planning Law 301, Restorative Justice, Transportation Planning and Infrastructure Systems 301, Applied Land Economic for the Built Environment 301
- **Management:** Management Principles and Project Management 201, Public Management and Planning 301.
- **General Education:** Cornerstone 101.

6.1 Programme Structure

The programme is structured according to modules as referred to in Table 3 below. All modules listed are compulsory in order to qualify in this Programme.

Table 3: Programme Structure

Study Year	Modules	Module Codes	SAQA credit	Pre-Requsite	Assessment Method Exam / CA*
1	Planning Design 101	PLDS111	16	-	CA
	Site Surveying 101	SSRV101	12	-	CA
	Statistics for the Built Environment 101	STBE101	12	-	Exam
	Academic Literacy 101	ACDL101	8	-	Exam
	Settlement History 101	STHS101	12	-	Exam
	TOTAL Credits Semester 1		60		
	Planning Design 102	PLDS211	16	Planning Design 101, Site Surveying 101	Exam
	Urban Planning Theory and Practice 102	UPTP101	16	Settlement History 101	Exam
	Communication Literacy 102	CMCL101	8	Academic Literacy 101	CA
	Cornerstone 101	CSTN101	12	None	CA
	Sustainable Earth Studies	SERS101	8	None	CA
	TOTAL Credits Semester 2 – Year 1		60		
2	Planning Design 201	PLDS211	12	Planning Design 102	CA
	Urban Planning Theory 201	UPTH201	12	Urban Planning Theory and Practice 102	Exam
	Management Principles and Project Management 201	MPPM101	12	None	Exam
	Research Methods 201	RMDS201	12	Statistics for the Built Environment 101	Exam
	Introduction to Principles of Law 201	IPLW101	8	None	Exam
	The Global Environment	GENV101	8	None	CA
	TOTAL Credits Semester 3 Year 2		64		
	Planning Design 202	PLDS221	12	Planning Design 201	Exam
	Environment Management and Techniques 202	EVMT101	8	Management Principles and Project Management 201	CA
	Regional Development and Planning 202	RDVP101	12	Urban Planning Theory 201	Exam
	Geographic Information Systems 201	GISY201	8	Planning Design 201	CA
	Economics for the Built Environment 201	ECBE101	8	Urban Planning Theory 201	Exam
	Sociology and Society	SSCY101	8	The Global Environment	Exam
	TOTAL Credits Semester 4 Year 2		56		

3	Planning Design 301	PLDS311	12	Planning Design 202	CA
	Planning Law 301	PLLW101	12	Introduction to Principles of Law 201	Exam
	Transportation Planning and Infrastructure 301	TPLI101	8	Regional Development and Planning 202	Exam
	Research Methods 301	RMDS101	8	Research Methods 201	CA
	Geographic Information Systems 301	GISY201	12	Geographic Information Systems 201	CA
	Applied Land Economics for the Built Environment 301	ALEB101	12	Economics for the Built Environment 201	Exam
	TOTAL Credits Semester 5 Year 3		64		
	Planning Design 302	PLDS321	12	Planning Design 301	Exam
	Planning Sustainable Cities and Regions 302	PSCR101	12	Transportation Planning and Infrastructure 301	Exam
	Research Project 302	RPRO101	12	Research Methods 301	CA
	Public Management and Planning 301	PMPL101	12	Environment Management and Techniques 202	Exam
	Restorative Justice	RSJS101	8	None	CA
	TOTAL Credits Semester 6 Year 3		56		
	TOTAL Credits		360		

C* = Core modules; F** = Fundamental

URP = Urban and Regional Planning Modules

FEBE = Built Environment Cluster of the Faculty of Engineering and the Built Environment Modules

GE = General Education Institutional Modules

CA = Continuous Assessment

Note: The qualification structure is made up of 360 credits.

General Education Modules

In terms of the approved DUT Guidelines, the proposed primary programme qualifications will include up to 30% general education component that compromises of general education modules, which all students across the University may access. In terms of the General Education document, the modules are distributed across the Faculty and the University and are delivered outside of the Department. This opens up flexible and cross-disciplinary leaning for students.

At a detailed level this means that all DUT students will register for Cornerstone 101 (12 credits module) in the first semester. Furthermore, students will register for a suite of modules across the university and these are included in the list below (8 credits each).

- Cornerstone 101
- Sustainable Earth Studies

- Sociology and Society
- The Global Environment
- Restorative Justice

In effect the general education component aligns closely with the Professional Body SACPLAN generic principles and makes the professional body competencies explicit and integrated in the curriculum.

6.2 Promotion to a Higher Level and Pre-requisites / Rules of Progression

Students are referred to this Department of Town and Regional Planning Handbook, in which the rules and regulations are outlined, as well as the DUT General Handbook for Students, at registration. It is incumbent on the student to familiarise him or herself with the contents thereof. These rules and regulations as set out in the relevant documents and handbooks, are binding.

The following are the rules of combination for the programme Bachelor in the Built Environment (Urban and Regional Planning). These must be read with reference to the G16 Rule in the General Handbook for Students.

6.2.1 The minimum pass mark for all modules is 50%.

6.2.2 The combination and progression of modules from one year to the next requires that a student must pass a specified module in the previous year or semester of study in order to proceed to the next semester or year as outlined in the Table above.

In order to advance to the next level of study (From first, second, or third year), the student must have met the pre-requisites for any module, as set out in the table above and as outlined below.

From First to Second Year the student will be allowed to register for the second level of study provided they have passed the following modules:

Planning Design 101, Planning Design 102, Settlement History 101, Urban Planning Theory and Practice 102, Site Surveying 101, Statistics for the Built Environment 101, Academic Literacy 101, and Communication Literacy 102.

From Second to Third Year, the student will be allowed to register for the third level of study provided they have passed the following modules:

Planning Design 201, Planning Design 202, Research Methods 201, Management Principles and Project Management 201, Urban Planning Theory 201, Regional Development and Planning 202, Environment Management and Techniques 202, Introduction to the Principles of Law 201, Geographic Systems 201, Economics for the Built Environment 201, Sociology and Society, Cornerstone 101, Sustainable Earth studies, and The Global environment,

The student shall pass ALL the modules in year one BEFORE he/ she is permitted to register for ANY modules in the **third year** of study.

6.3 Unsatisfactory Academic Progress

The above rules of progression are to be read in combination with G 17 (1) and G23B of the General Handbook in determining *Unsatisfactory Academic Progress*.

6.3.1 A student who fails a module twice shall be found to have made unsatisfactory academic progress.

6.3.2 A first year student who fails three (3) or more modules with a final mark of less than forty percent (40%) in these modules, will not be permitted to re-register in the programme.

6.4 Interruption of Studies

Rule G1(5) applies to registration in an instructional programme. If, for whatever reason, the student does not register consecutively for every year/ semester of his/ her programme, the existing registration contract with the Institution will cease. Any re-admission will be at the discretion of the Institution and, if permitted, will be in accordance with the rules applicable at the time of re-admission.

7 ASSESSMENT RULES FOR BBURP I

7.1 The final mark shall be made up of the average of assessments, both practical and theoretical, during each module of the programme. There are a combination of final examinations and continuous assessments in the various modules in the programme. The details pertaining to assessment for each module offering are contained in the module Study Guides.

7.2 Duly Performed / Course Mark / Examination Mark

The minimum Duly Performed (DP) semester mark for examination is 40%

The final mark is made up of 50% Course Mark and 50% Examination Mark, unless otherwise indicated (e.g. continuous assessment).

Classifying Student Performance:

(This refers to the composite evaluation result for each module.)

75% and above: Distinction (Refer rule G15)

50% and above: Pass

45% - 49%: Eligible for re-assessment

44% and less: Fail

7.3 Rules G 13 (3) (a) & (b) shall be applied *mutatis mutandis* to students who have missed an examination assessment.

8. PROGRAMME STRUCTURE MASTER DEGREE OF THE BUILT ENVIRONMENT (MBTRPI)

This 180 credit qualification at NQF Level 9 is intended for persons who will make a contribution, through research, to understanding the application and evaluation of existing knowledge in a specialized area of urban and regional planning. They will also demonstrate a high level of overall knowledge in that area ranging from fundamental concepts to advanced theoretical or applied knowledge. This is a one year research degree.

The G-rules for Masters as contained in Rules G24, G25 and G26 of the DUT General Handbook apply, as does the DUT Postgraduate Student Guide.

Selection Procedure

Application for the Masters programme is open to students who meet the requirements as per the G Rules above. Students are encouraged to contact the Masters Co-ordinator either telephonically (+27 31 3732673) or by email via the Secretary. Prospective students are required to submit a written motivation for undertaking the Masters, and are to submit a 500 word abstract on their intended research area to the Masters Co-ordinator by November for entry for the following year.

Selection of students is made by a panel of senior academic staff, using a ranking system. The ranking system includes the following criteria: relevance of the existing qualification; academic record; professional experience; research proposal; and motivation for admission, and is evaluated using a ranking of: highly relevant, relevant, average, partly relevant and mismatch. Students will be informed of the outcome of their application by the end of January of the following year.

Once selected for the Masters programme, all students will register as per the DUT Postgraduate Student Guide. All students are required to undertake a research methodology module, which includes the refining of the research proposal and acceptance thereof by the Faculty Research Committee before full registration can take place as per the G24 (2) rules.

Registration

Dates of registration will be according to the University calendar as applicable to higher degree students and Rule G25(2)(c).

Interruption of Studies

If, for whatever reason, a student does not register consecutively for every year of the programme, his/ her existing registration contract with the University shall cease unless the student has applied to the Department for permission to interrupt studies in accordance with the guidelines in the Post-Graduate Student's Guide. Where such permission has not been given, re-registration will be at the discretion of the University and, if permitted, will be in accordance with the rules applicable at that time.