

## Bachelor of the Built Environment In Architecture

**Location:** Steve Biko Campus (S5 Level 5)

### Description of the Programme

The BBE(Architecture) is a three year full-time programme. Its specific purpose is to build the necessary knowledge, understanding, abilities and skills required to register as a candidate architectural technologist with SACAP once graduated. To register with the professional council, an additional period of mentorship and professional practice examinations need to be completed.

### Vision

Developing Architectural Minds to respond to context and inspire society

### Mission

We shall adopt a learning paradigm focussing on finding and solving challenges in the build environment. We endeavour to achieve this through broad collaboration and the appropriate use of technology.

### Career Opportunities

The Department of Architecture enjoys validation (accreditation) by the South African Council for the Architectural Profession (SACAP), of both the National Diploma (Architectural Technology) and the B.Tech (Architectural Technology). The Architectural Professions Act 44 of 2000 (referred to as the Act hereafter) allows for graduates to register in the following professional categories:

National Diploma (Architectural Technology) - Candidate Architectural Technologist

Bachelor of the Built Environment (Architecture) – Candidate Architectural Technologist

BTech (Architectural Technology) - Candidate Senior Architectural Technologist

Candidate architectural technologists' / candidate senior architectural technologists are required by the Act to undergo a period of mentorship in a registered architectural practice and to pass professional practice exams in order to register as professional architectural technologists/professional senior architectural technologists respectively. Registered professionals may work in a practice or engage in private practice.

The Department also offers a Master of the Built Environment and Doctor of the Built Environment qualification, however both are research degrees that do not lead to professional registration. At the moment we are curriculaing to offer a Bachelor of the Built Environment (Honours) and a Master of the Built Environment

(Architecture) which can lead to registration as a Candidate Professional Architect, but these will not yet be available in 2020.

### Entry Requirements – BBE (Architecture)

The minimum entry requirement is the National Senior Certificate; the Senior Certificate (offered prior to 2008); or the National Certificate (Vocational) with appropriate subject combinations and levels to achieve an exemption/endorsement for admittance to a Bachelor's degree programme. In addition the minimum admission requirements, rule G7, is stipulated in the General Rules Handbook.

Further to the above, the following are required for admission into BBE(Architecture):

Compulsory Subjects	National Senior Certificate Rating	National Certificate, (Vocational) Mark	Senior Certificate	
			HG	SG
Mathematics (Not Mathematics Literacy)	4			
English (Primary), <b>OR</b>	4			
English (First additional)	4			
Mathematics		80%		
English		80%		
Mathematics			D	C
English			D	C

Other recommended subjects (not compulsory): Technology, History, Art, Technical Drawing, Geography, Physics.

### National Certificate (Vocational) Level 4

The following subjects:

English, Mathematics and one other language at *outstanding* level (80-100%)

### Additional Entry Requirements:

In addition to the requirements above, the top 300 applicants will be required to undergo a test for selection purposes. The weighted results from this test, in addition to their Trials mathematics marks for those students yet to complete their senior certificate or the mathematics results achieved in their NSC if already awarded will be used to determine offers of places in the programme based on a ranking of these combined results.

Preference will be given to applicants placing Architecture at DUT as their 1st choice. This will also apply to the ranking of offers.

Should suitable numbers of candidates not register, the department reserves the right to conduct a second round of selection.

### Admission Requirement based upon Work Experience, Age and Maturity

For admission to entry level DEGREE studies:

A person may, subject to such requirements as the Senate may determine, be admitted if such a person is in possession of a National Senior Certificate, Senior Certificate or an equivalent certificate, but lacks the minimum requirements for admission to the degree provided that:

- The person shall have reached the age of 23 in the first year of registration and shall have at least: three years' appropriate work experience; and/or capacity for the proposed instructional programme, which shall be assessed by a Senate-approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AL) & English for Academic Purposes (EAP) (2,5 hours) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and the person has obtained
- A conditional certificate of exemption from the Matriculation Board (when in possession of the Senior Certificate (SC)); OR has met
- The requirements for Senate discretionary admission (when in possession of the NSC or equivalent), where Senate is satisfied the applicant has shown sufficient academic ability to ensure success, and that the person's standard of communication skills, and/or work experience are such that the person, in the opinion of the Senate, should be able to complete the proposed instructional programme successfully.
- The person's application for admission in terms of with work experience, age and maturity is approved prior to registration.

**Applicants intending to gain admission through work experience, age and maturity must submit their applications at least four months before commencement of the academic year.**

**NB:** For semester programmes there would be a single registration for semester 1 and semester 2 at the beginning of each academic year.

### First year Curriculum

#### Semester One

Academic Literacy IA	ACLA101
Architectural Design IA	ADNA101
Construction Technology IA	CNTA102
Mathematics for the Built Environment	MTBE101
Physics IA	PSCA102
Settlement History I	STLH101

#### Semester Two

Communication Literacy I	CMCL101
Architectural Design IB	ADNB101
Construction Technology IB	CNTB102
Cornerstone 101	CSTN101
History and Theory of Design I	HTDS101
Physics IB (Mechanics)	PSCB102

### Second year Curriculum

#### Semester One

Architectural Design II	ADSG201
Construction Technology II	CSTC201
History and Theory of Design II	HTDS201
Landscaping and Site Survey II	LDSS201
Sociology of Work	SCLW101
Urban Settlements II	URBS201

#### SEMESTER TWO

French for Sciences and Technology I (elective)	FRST101
Mandarin for Sciences and Technology I (elective)	MNST101
Principles of Commercial Law II	PCLW201
Project Management (elective)	PJMN102
Research Methods	RMDS102
Sociology and Society	SCST101
Work Based Project II (Design and Technology)	WBPJ201

### Third year Curriculum

#### Semester One

Architectural Design III	ADSG301
Construction Technology III	CSTC301
French for Sciences and Technology II (elective)*	FRST201
History and Theory of Design IIIA	HTDA301
Law of Building Contracts III	LWBC301
Mandarin for Sciences and Technology II (elective)*	MNST201
Property and Land Economics III	PLEC301

\*FRST201 or MNST201 need only be taken if FRST101 or MNST101 is chosen as an elective in 2<sup>nd</sup> year.. Should PJMN102 be taken, there is no need to do the languages in 3<sup>rd</sup> year.

#### Semester Two

History and Theory of Design IIIB	HTDB301
Major Integrated Project	MIPJ101
Professional Practice III	PPCT301

### For Further Information

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**Closing Date for Applications:** 30 September 2019

### Application Forms

Contact the **Central Applications Office (CAO)**

**CAO. code:** DUDAT3 / **CAO Code:** DU-D-BAT

### Address letters to:

Central Applications Office  
Private Bag X06  
Dalbridge 4014  
Tel: (031) 2684444  
Fax: (031) 2684422  
Apply Online: <http://www.cao.ac.za>



## CAREER INFORMATION

BACHELOR OF THE BUILT ENVIRONMENT IN

# ARCHITECTURE

1 JANUARY – DECEMBER 2020



DEPARTMENT OF  
ARCHITECTURE

# 2020

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