

University of Pretoria Yearbook 2016

BSc Architecture (12132002)

Duration of study 3 years

Total credits 414

Contact Mr RJ van Rensburg rudolf.vanrensburg@up.ac.za +27 (0)124203081

Dr N Botes nico.botes@up.ac.za +27 (0)124204600

Programme information

Architecture entails the design of buildings and the spaces between those buildings. It is the art and science that is employed in order to create a liveable environment, thus contributing towards the spiritual and material prosperity of the country. Architects are often independent thinkers, individualists and innovators. Although they are employed by organisations involved with development, investment, research, marketing, the industry or even education, many architects prefer to be independent consultants and entrepreneurs.

BScArch is regarded as an exit level that enables the graduate to register as a candidate architectural technologist, and BArchHons as candidate senior architectural technologist, at the South African Council for the Architectural Profession. A architectural technologist is a professional person registered by the SACAP in terms of the Act on the Architectural Profession (Act 44 of 2000). Such practitioners provide assistance in the practices of the disciplines of architecture, interior architecture, landscape architecture and urban design where their responsibilities would be the documentation of projects, project administration and site management.

Students are advised to work in the offices of an architect or a landscape architect to gain practical experience during the university recesses.

A graduate wishing to become a professional architect must apply for and pursue a further two years of full-time studies in the professional degree programme. The Master of Architecture (Professional) degree is recognised by the South African Council for the Architectural Profession as qualifying the graduate to register as a candidate professional architect in terms of the Act on the Architectural Profession (Act 44 of 2000).

Admission requirements

- In order to register NSC/IEB/Cambridge candidates must comply with the minimum requirements for degree studies as well as with the minimum requirements for the relevant study programme.
- Life Orientation is excluded when calculating the APS.
- Grade 11 results are used in the provisional admission of prospective students.
- A valid National Senior Certificate (NSC) with admission to degree studies is required.
- Minimum subject and achievement requirements as set out below are required. On first-year level a student has a choice between Afrikaans and English as language medium. In certain cases tuition may be presented in English only for example in electives where the lecturer may not speak Afrikaans or in cases where it is not economically or practically viable.
- Provisional admission to the four-year programme in the School of Engineering is only guaranteed if a prospective student complies with ALL the requirements below.

Note

Candidates who do not comply with the minimum requirements, set out above, but who have obtained a minimum APS of 30, an achievement level of 5 for English or Afrikaans, 6 for Mathematics and 5 for Physical Science, will be considered for provisional admission to either the four-year programme or the ENGAGE programme based on the results of the compulsory NBT.

Admission to ENGAGE in the School of Engineering will be determined by the results of the NBT, NSC results, an achievement level of 5 in Mathematics and 4 in Physical Science, as well as an achievement level of 4 in Afrikaans or English, together with an APS of 25.

Students may apply directly to be considered for the ENGAGE programme.

Minimum requirements for 2016												
Achievement level												
Afrikaans or English				Mathematics				Physical Sciences				APS
NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	NSC/IEB	HIGCSE	AS-Level	A-Level	
5	3	C	C	4	3	D	D	4	3	D	D	27

Will only be considered as first study choice

Selection programme: Selection includes an interview.

Practical requirement

At least one year of work or travel recommended.

Applicants who matriculated before, or in 2007

The following minimum requirements for admission apply: A Grade 12 certificate with university endorsement and at least 40% (E symbol) in Mathematics and Physical Science on higher Grade, or at least 50% (D symbol) for the same subjects at standard Grade. A minimum M Score of 18 is required for Grade 12.

Applicants who matriculated in 2008 or thereafter

The following minimum requirements for admission apply: A National Senior Certificate with access to degree studies and a minimum Admission Point Score (APS) of 27; a minimum achievement level of 4 (at least 50%) for Mathematics and Physical Science; a minimum achievement level of 5 (at least 60%) for Afrikaans or English (as home language or first additional language) and an achievement level of at least 4 (minimum 50%) for Life Orientation, although this subject is not used in the calculation of the APS. The APS is calculated using two language subjects, Mathematics, Physical Science and any two other subjects excluding Life Orientation.

Please note: For the BScLArch study programme, Physical Science or Life Science or Geography will be accepted; the minimum achievement level remains a 4.

Transfers

Students currently enrolled for other study programmes may apply for permission to transfer to the Department of Architecture. For these applicants, round 1 of the selection process will be based on their Grade 12 results (refer to requirements for admission), their academic record and a detailed written motivation explaining reasons for wanting to transfer.

Students who are currently registered at UP should submit their applications directly to the Admissions Officer, School for the Built Environment. Students who are registered at other tertiary institutions must apply through the Client Service Centre. Note the closing date. Applicants will not be permitted to register for any modules in advance (prior to having been granted final admission).

Important dates

The academic year of the University of Pretoria starts in January and ends early in December. It is divided into two semesters (or four quarter modules) with short recesses in April, July and September. In order to gain practical experience students are advised to work at a practice during the University recesses. The University calendar is available online at www.up.ac.za/calendars.

1 March: Applications for admission open for the next academic year. Applications should be handed in at the Client Service Centre or can be submitted electronically.

30 June: Last day to submit all undergraduate applications for admission to the Department of Architecture for the following academic year. This closing date also applies to all transfer applications.

June/July/August/September: Departmental selection tests are written on scheduled Saturdays. Dates are automatically allocated and cannot be rescheduled.

October recess: 4 October to 12 October 2015: Final selection interviews for applicants on the shortlist.

31 October: Selection results are available. Applicants are notified of the outcome in writing.

30 November: Last day for selected students to acknowledge their selection and pay deposits or make arrangements for payment.

Additional requirements

Please Note: Students wishing to transfer to other programmes in the Department of Architecture must obtain written consent from the admissions committee.

Other programme-specific information

Concurrent presentation

In the third year of study Design, Construction, Design communication, Environmental studies and Earth studies must initially be examined in the same year.

The degree is awarded to those students obtaining all the prescribed credits for the programme modules.

Promotion to next study year

A student is promoted to a subsequent year of study after acquiring all the prerequisite module credits of the preceding year of study.

A student is deemed to be in the year of study for which he or she is registered in Design.

If the student is not registered for Design the highest passed year of Design determines the year of study.

Please Note: Students not promoted to the next year of study must obtain the approval of the programme coordinator and the Head of Department to register for modules in the subsequent year of study. Students must re-apply for admission to the Department of Architecture in instances where:

- (i) a student is not promoted to the second year of study;
- (ii) a student after repeating any year of study, is not promoted to the following year of study.

Pass with distinction

The degree is conferred with distinction on a student who, at first registration, passes all modules of the final year of study with a weighted average of 75%. The degree must have been completed within the minimum prescribed time and no supplementary/special examinations may have been written.



Curriculum: Year 1

Minimum credits: 116

Fundamental modules

[Academic orientation 112](#) (UPO 112) - Credits: 0.00

[Academic information management 102](#) (AIM 102) - Credits: 6.00

Core modules

[Earth studies 110](#) (AAL 110) - Credits: 10.00

[Construction 111](#) (KON 111) - Credits: 8.00

[Construction 121](#) (KON 121) - Credits: 8.00

[Design communication 120](#) (OKU 120) - Credits: 6.00

[Environmental theory 110](#) (OML 110) - Credits: 6.00

[Environmental studies 120](#) (OML 120) - Credits: 6.00

[Design 100](#) (ONT 100) - Credits: 60.00

Elective modules

[Elective module 110](#) (ARC 110) - Credits: 6.00



Curriculum: Year 2

Minimum credits: 136

Core modules

Earth studies 210 (AAL 210) - Credits: 8.00

Earth studies 224 (AAL 224) - Credits: 4.00

Geomorphology of the built environment 265 (GGY 265) - Credits: 12.00

Community-based project 201 (JCP 201) - Credits: 8.00

Construction 210 (KON 210) - Credits: 8.00

Construction 220 (KON 220) - Credits: 8.00

Environmental theory 210 (OML 210) - Credits: 6.00

Environmental studies 220 (OML 220) - Credits: 6.00

Design 200 (ONT 200) - Credits: 60.00

Theory of structures 211 (STU 211) - Credits: 8.00

Theory of structures 221 (STU 221) - Credits: 8.00



Curriculum: Final year

Minimum credits: 152

Core modules

Earth studies 320 (AAL 320) - Credits: 6.00
Business law 310 (BER 310) - Credits: 16.00
Construction 310 (KON 310) - Credits: 8.00
Construction 320 (KON 320) - Credits: 8.00
History of the environment 310 (OMG 310) - Credits: 6.00
History of the environment 320 (OMG 320) - Credits: 6.00
Environmental studies 310 (OML 310) - Credits: 6.00
Environmental studies 320 (OML 320) - Credits: 6.00
Design 300 (ONT 300) - Credits: 60.00
Theory of structures 311 (STU 311) - Credits: 8.00
Theory of structures 321 (STU 321) - Credits: 8.00
Practice management 320 (PJS 320) - Credits: 8.00

Elective modules

Introductory geographic information systems 283 (GGY 283) - Credits: 12.00
Design communication 313 (OKU 313) - Credits: 6.00

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.