

# University of Pretoria Yearbook 2016

## BSc: Quantity Surveying (3Yrs) Quantity Surveying (12132013)

**Duration of study** 3 years

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### Programme information

Quantity surveying is the science that delivers specialised financial and contractual services and advice to clients in the building and construction industry, as well as in related industries. The quantity surveyor is an independent and professional consultant who works with architects, consulting engineers, and the building contractor, in order to protect the interests of the client, while at the same time also looking after the interests of the contractor and subcontractors.

The student could enter the building or construction industry as a candidate quantity surveyor after he/she has completed the three-year degree. Such qualification, however, would not allow the person to register as a professional quantity surveyor without acquiring additional qualifications. After completing the honours programme the opportunities become far wider, and application can be made for registration as a professional quantity surveyor with the South African Council for the Quantity Surveying Profession, after further assessment and furnishing of evidence, in compliance with the prescribed competencies. Employment opportunities in the building and construction sector, government departments, in the property sector, banks and manufacturing industry exist for such registered quantity surveyors. Most, however, work in the private sector where they become employees/ partners/ directors of quantity surveying practices, or open their own practices.

The examinations for the BScHons degree in Quantity Surveying are approved by the Minister as prescribed examinations in terms of the stipulations of the Quantity Surveying Profession Act (Act No. 49/2000), as well as by the Royal Institution of Chartered Surveyors.

### 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	5	3	C	C	or Accounting 4	or Accounting 3	or Accounting D	or Accounting D	30

## Other programme-specific information

**Please Note:** Students with Maths 4, should take STK 113 and STK 123 (instead of STK 110) during their first year of study and STK 120 during their second year of study.

The degree is awarded if all the prescribed modules have been passed.

## Promotion to next study year

### i. Promotion to the second semester of the first year and to the second year of study

- A newly registered first-year student who failed all the prescribed modules for the programme at the end of the first semester shall not be readmitted to the School for the Built Environment in the second semester.
- A student who complies with all the requirements of the first year of study, or has at least obtained 110 credits, is promoted to the second year of study.
- A student who has not obtained at least 70% of the credits of the first year of study after the November examinations must reapply for admission should he/she intend to continue with his/her studies. Written application must be submitted to the student administration of the School for the Built Environment no later than 12 January. Late applications will be accepted only in exceptional circumstances after approval by the Dean and conditions of readmission as determined by the admissions committee shall apply should first-year students be readmitted.
- Students who have not passed all the prescribed modules of the first year of study, as well as students who are readmitted in terms of (c) must register for the outstanding modules of the first year.
- A student who is repeating his/her first year, may, on recommendation of the relevant head of department and with the approval of the Dean, be permitted to enrol for modules of the second year of study in addition to the first-year modules which he or she failed, providing that he or she complies with the prerequisites for the second-year modules and that no timetable clashes occur. The number of credits per semester for which a student registers may not exceed the prescribed number of credits per semester by more than 16 credits.

## ii. Promotion to the third year of study

- a. A student who complies with all the requirements of the second year of study, or has at least obtained 230 credits, is promoted to the third year of study.
- b. The Dean may, on the recommendation of the Head of Department, allow a student, who qualifies for promotion to a subsequent year of study, but who has not passed all the modules of that year, to carry over those modules to the next or a later year.
- c. The number of credits per semester for which a student registers may not exceed the prescribed number of credits per semester by more than 16 credits.
- d. A student who complies with all the requirements for the degree with the exception of one year module or two semester modules, in which a final mark of at least 40% has been obtained, may be admitted to a special examination in the module(s) concerned, at the start of the ensuing semester.
- e. (e) On the recommendation of the Head of Department, the Dean may in exceptional circumstances deviate from the abovementioned stipulations, provided that no timetable clashes occur.

## Pass with distinction

The degree is conferred with distinction on a student:

- i. if no module of the second and third study year was repeated and a weighted average of at least 75% was obtained in one year in all the modules (excluding JCP 201), of the final study year;
- ii. the degree programme was completed within the prescribed three study years, and the final study year modules were passed on first registration without any supplementary or special examinations.



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# Curriculum: Year 1

**Minimum credits: 137**

## Fundamental modules

Academic information management 101 (AIM 101) - Credits: 6.00

Academic literacy for Construction Economics 122 (ALL 122) - Credits: 6.00

Academic orientation 112 (UPO 112) - Credits: 0.00

## Core modules

Building organisation 121 (BGG 121) - Credits: 3.00

Building drawings 111 (BOU 111) - Credits: 6.00

Building drawings 121 (BOU 121) - Credits: 6.00

Building science 110 (BWT 110) - Credits: 9.00

Building science 120 (BWT 120) - Credits: 9.00

Economics 110 (EKN 110) - Credits: 10.00

Economics 120 (EKN 120) - Credits: 10.00

Building services 112 (GBD 112) - Credits: 6.00

Building services 122 (GBD 122) - Credits: 6.00

Quantities 101 (HVV 101) - Credits: 24.00

History of the environment 122 (OMG 122) - Credits: 6.00

Introduction to structures 110 (SKE 110) - Credits: 9.00

Structures 120 (SKE 120) - Credits: 9.00

Precalculus 133 (WTW 133) - Credits: 8.00



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## Curriculum: Year 2

**Minimum credits: 130**

### Core modules

Building science 210 (BWT 210) - Credits: 9.00  
Building science 220 (BWT 220) - Credits: 9.00  
Financial management 110 (FBS 110) - Credits: 10.00  
Financial management 120 (FBS 120) - Credits: 10.00  
Building services 211 (GBD 211) - Credits: 6.00  
Quantities 200 (HVV 200) - Credits: 24.00  
History of the environment 224 (OMG 224) - Credits: 6.00  
Reinforced concrete structures 210 (SKE 210) - Credits: 9.00  
Civil engineering services 220 (SKE 220) - Credits: 9.00  
Statistics 110 (STK 110) - Credits: 13.00  
Statistics 161 (STK 161) - Credits: 6.00  
Site surveying 213 (TRN 213) - Credits: 12.00  
Building services 221 (GBD 221) - Credits: 6.00



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## Curriculum: Final year

**Minimum credits: 129**

### Core modules

Business law 310 (BER 310) - Credits: 16.00

Housing 320 (BHU 320) - Credits: 6.00

Quantity surveying practice 300 (BRK 300) - Credits: 18.00

Building science 310 (BWT 310) - Credits: 9.00

Building science 320 (BWT 320) - Credits: 9.00

Introduction to property law 320 (EOW 320) - Credits: 6.00

Quantities 300 (HVH 300) - Credits: 24.00

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

Construction information technology and communication 311 (KIT 311) - Credits: 9.00

Property financial mathematics 320 (FBV 320) - Credits: 6.00

Building services 311 (GBD 311) - Credits: 6.00

Sustainable construction 320 (VKN 320) - Credits: 6.00

Research methodology 320 (NNM 320) - Credits: 6.00

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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.