



# University of Pretoria Yearbook 2021

## BScHons Quantity Surveying (12242017)

**Department** Construction Economics

**Minimum duration of study** 1 year

**Total credits** 126

**NQF level** 08

### Programme information

Consult General Regulations G.16 to G.29 and G.54.

A student is required to attend lectures diligently, but in addition the student must complete a compulsory non-credit bearing module (CWE 700) comprising a minimum of 240 hours of temporary employment with a suitable employer in the construction industry/built environment (registered quantity surveyor, contractor, developer, property owner, etc.). As proof of the practical experience the student must submit an approved log book signed by the employer.

### Admission requirements

1. BSc (Quantity Surveying) degree **or** equivalent three-year BSc degree at NQF level 7 (or NQF level 6 for qualifications obtained before 2009) from an accredited institution.

Note: An equivalent qualification is regarded as one that the South African Council for the Quantity Surveying Profession regards as acceptable for registration as a candidate quantity surveyor and for eventual registration as a professional quantity surveyor

### Additional requirements

Selection is based on an applicant's academic record and experience. Applicants may be required to attend an interview and/or write an entrance examination.

### Examinations and pass requirements

A minimum semester/year mark of 40% is required in order to be admitted to the examination in a specific module. In addition, all other examination admission requirements, applicable to the relevant module, must have been met. To pass a module a final mark of 50% is required.

#### Supplementary examinations

No supplementary examinations are granted at postgraduate level.

#### Special examinations

No special examinations are granted at postgraduate level.

The degree is awarded when all prescribed modules have been passed.



## Pass with distinction

The degree is conferred with distinction if students registered for the degree for the first time, complete the degree within the minimum prescribed time and pass all modules with a weighted average of 75%.



## Curriculum: Final year

Minimum credits: 126

### Core modules

#### Building cost estimation 700 (BKR 700)

<b>Module credits</b>	20.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Construction Economics
<b>Period of presentation</b>	Year

#### Module content

Estimation of building costs – principles and process; elements of a price; rough quantities and inclusive quantities (elemental and builders' quantities) for estimating; estimating methods; pricing of various trades and preliminaries; analysis of building cost; building cost escalation; design cost management.

#### Quantity surveying practice 700 (BRK 700)

<b>Module credits</b>	12.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Construction Economics
<b>Period of presentation</b>	Year

#### Module content

Construction Procurement Guidelines; standards for uniformity; contract administration; project administration; conditions of appointment and fee accounts; consortiums; tendering for professional services; professional indemnity; Public Private Partnerships; Quantity Surveying Professions Act; Council for the Built Environment Act; CIDB Act.

Construction Industry Development Board Act (CIDB Act), Public Finance Management Act (PFMA), Municipal Finance Management Act (MFMA) and Preferential Procurement Policy Framework Act (PPPFA).

#### Research report 785 (BRK 785)

<b>Module credits</b>	30.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	Module is presented in English



**Department** Construction Economics

**Period of presentation** Quarter 2, 3 and 4

**Module content**

An essay on a subject approved by the Head of Department should be handed in during the final year of study.

**Practical work experience 700 (CWE 700)**

**Module credits** 0.00

**NQF Level** 08

**Prerequisites** No prerequisites.

**Language of tuition** Module is presented in English

**Department** Construction Economics

**Period of presentation** Year

**Module content**

This is a compulsory 240-hour work experience module that requires the submission of a signed logbook to record and confirm the hours worked in the construction industry.

**Feasibility studies 710 (EUS 710)**

**Module credits** 8.00

**NQF Level** 08

**Prerequisites** No prerequisites.

**Contact time** 3 lectures per week

**Language of tuition** Module is presented in English

**Department** Construction Economics

**Period of presentation** Semester 1

**Module content**

Overview of factors affecting the feasibility of proposed property developments, including a brief introduction to town planning, valuation, financing, marketing and investment principles.

**Feasibility studies 720 (EUS 720)**

**Module credits** 8.00

**NQF Level** 08

**Contact time** 2 lectures per week

**Language of tuition** Module is presented in English

**Department** Construction Economics

**Period of presentation** Semester 2



### Module content

Financial viability studies of different types of property developments; value management and life-cycle costing.

### Quantities 700 (HVH 700)

**Module credits** 20.00

**NQF Level** 08

**Prerequisites** No prerequisites.

**Contact time** 1 practical per week, 3 lectures per week

**Language of tuition** Module is presented in English

**Department** Construction Economics

**Period of presentation** Year

### Module content

Measuring of demolitions, alterations, advanced earthworks and mechanical services. Preliminaries, types of bills of quantities and compilation of bills of quantities including the application of the procurement prescripts of the Construction Industry Development Board in the Public Sector. Geotechnical and civil engineering works.

### Construction entrepreneurship 720 (KEN 720)

**Module credits** 8.00

**NQF Level** 08

**Prerequisites** No prerequisites.

**Contact time** 2 lectures per week

**Language of tuition** Module is presented in English

**Department** Construction Economics

**Period of presentation** Semester 2

### Module content

Entrepreneurship, strategic management, business ethics, effective business management. Attention is paid to the built environment practitioner in this context.

### Construction contract law 740 (KKR 740)

**Module credits** 8.00

**NQF Level** 08

**Prerequisites** No prerequisites.

**Contact time** 3 lectures per week

**Language of tuition** Module is presented in English

**Department** Construction Economics

**Period of presentation** Semester 1



## Module content

Application and terms of CIDB endorsed standard construction contracts such as GCC, NEC and FIDIC; case studies. Alternative dispute resolution: mediation, adjudication and arbitration; litigation - an overview; law of delict; negligence and damage to property.

## Construction project management 730 (KPB 730)

<b>Module credits</b>	8.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	3 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Construction Economics
<b>Period of presentation</b>	Semester 1

## Module content

Fundamentals to project management in the building and property industry. Key processes, knowledge areas and techniques are covered.

## Research methodology 710 (NNM 710)

<b>Module credits</b>	4.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Construction Economics
<b>Period of presentation</b>	Quarter 1

## Module content

Introduction to scientific research. Planning and preparation of a research proposal with implementation of research methodologies.

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.