University of Pretoria Yearbook 2018

BSc Construction Management (12132025)

Minimum duration of study	3 years
Total credits	434
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Programme information

Construction management is the field of study meant for the person who wishes to become part of the process of infrastructure development, especially the construction of buildings. The construction manager is a professional business person who acts as manager for undertakings in the building, construction and property industry as well as related support services.

Career opportunities cover a wide spectrum and construction managers find employment as main and subcontractors in the building and construction industry, as project managers or investment experts with financial institutions and property developers, as property experts who offer broker services and compile packages, as managers of building and property portfolios for investors, as suppliers of material and equipment to the building and construction industry, as consultants for financial services in the construction and related sectors, or as private entrepreneurs working in these fields.

The examinations of the BScHons degree in Construction Management are recognised by the minister as prescribed examinations in terms of the stipulations as described in the Project and Construction Management Professions Act (Act No 48/2000), as well as by the Chartered Institute of Building.

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

Admission requirements

- The following persons will be considered for admission: a candidate who is in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement; a candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution; and a candidate who is a graduate of another faculty at the University of Pretoria.
- Life Orientation is excluded when calculating the APS.
- Grade 11 results are used in the provisional admission of prospective students.
- A valid qualification 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.
- BSc (Construction Management) is a selection programme.

Minimum requirements											
Achievement level											
Afrikaans or English				Mathematics				Physical Science			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

Promotion to next study year

Promotion to the second semester of the first year and to the second year of study

a. 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.
b. 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.
c. 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.
d. 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.
e. 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.

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. 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.

Curriculum: Year 1

Minimum credits: 141

Fundamental modules

Academic information management 101 (AIM 101) - Credits: 6.00
Academic information management 111 (AIM 111) - Credits: 4.00
Academic information management 121 (AIM 121) - Credits: 4.00
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 (HVH 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
Mathematics 134 (WTW 134) - Credits: 16.00

Curriculum: Year 2

Minimum credits: 133

Core modules

Labour law 311 (ABR 311) - Credits: 20.00
Building science 210 (BWT 210) - Credits: 9.00
Building science 220 (BWT 220) - Credits: 9.00
Financial management 110 (FBS 110) - Credits: 10.00
Building services 211 (GBD 211) - Credits: 6.00
Building services 221 (GBD 221) - Credits: 6.00
Construction quantities 201 (KSH 201) - Credits: 24.00
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

Curriculum: Final year

Minimum credits: 150

Core modules

Business law 310 (BER 310) - Credits: 16.00
Housing 320 (BHU 320) - Credits: 6.00
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
Financial management 210 (FBS 210) - Credits: 16.00
Financial management 320 (FBS 320) - Credits: 20.00
Building services 311 (GBD 311) - Credits: 6.00
Community-based project 201 (JCP 201) - Credits: 8.00
Construction management 310 (KBS 310) - Credits: 9.00
Construction management 320 (KBS 320) - Credits: 9.00
Construction quantities 300 (KSH 300) - Credits: 24.00
Research methodology 320 (NNM 320) - Credits: 6.00
Sustainable construction 320 (VKN 320) - 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.