

BACCALAUREUS TECHNOLOGIAE: ARCHITECTURE: PROFESSIONAL (Extended curriculum programme with foundation provision) Qualification code: BTPSF0 - NQF Level 7 (4,000 credits)

Campus where offered: Pretoria Campus (day classes)
Last year of new intake: 2017
Teach-out (phase-out) date: 31 December 2023

Students registered for this qualification should complete their studies according to the teach-out date prescribed for the qualification, subject to the stipulations of Regulation 3.1.11 and 3.1.13 in the Students' Rules and Regulations.

Information on phased-out programmes can be obtained from the TUT website, www.tut.ac.za.

CURRICULUM

Consult the 2017 Faculty Prospectus for the full contents of the qualification.

SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.

FIRST YEAR

CODE	SUBJECT	CREDIT
FPALC01	Foundation Architectural Language and Communication	(0,100)
FPBBL01	Foundation Building Business Law and Practice	(0,100)
FPBSC01	Foundation Building Science	(0,100)
FPPAD01	Foundation Principles of Architectural Design	(0,100)
FPTAD01	Foundation Technical Architectural Drawing	(0,100)
TOTAL CREDITS FOR THE FIRST YEAR:		0,500

SECOND, THIRD, FOURTH AND FIFTH YEARS

Students will follow the same structure as the first, second, third and fourth years of the Baccalaureus Technologiae: Architecture: Professional (BTPS09) - see 1.1 in this section.

SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject. On 8 August 2018, the syllabus content was defined as follows:

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FOUNDATION ARCHITECTURAL LANGUAGE AND COMMUNICATION (FPALC01)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

Module 1: architectural presentation techniques: introduction to the various methods of communicating design ideas and concepts to clients and peers (oratorical and linguistic tutoring). An introduction to the use of artistic media to present design ideas (pencil, markers, watercolour and 3D CAD programs). Building basic models for design development and presentation purposes (cutting boards, glue, skills in constructing models). Module 2: language cultural studies: Language course on writing, oral skills development and public speaking. Writing essays related to the architectural field. Prescribed reading: architecture- and language-related (building architectural vocabulary, background and world view). (Total tuition time: ± 42 hours)



FOUNDATION BUILDING BUSINESS LAW AND PRACTICE (FPBBL01)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

Module 1: Understanding of legalities concerning the structure known as the SACAP. This includes researching the structure and workings of the SACAP. Module 2: Understanding legalities regarding the agreement between the architect and the client. This module investigates the client architect agreement and the legal onus on each party. Module 3: Legalities for plan submission at local authorities. Student will visit local authorities and acquire the necessary documentation needed to submit plans. These documents will be completed as for a real set of plans for submission. Module 4: Legalities placed upon the architect from the SACAP. This includes the reservation of work, the architectural stages of work as per the SACAP guidelines, architect's fees structures and calculations thereof, as well as the yearly published notices in the Government Gazette. (Total tuition time: ± 42 hours)

FOUNDATION BUILDING SCIENCE (FPBSC01)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

Module 1: Theory of commonly used building construction methods and materials. Module 2: Elementary principles of building science related to architectural design. Module 3: Practical making modelling and making, students design and construct their own toolbox. (Total tuition time: ± 42 hours)

FOUNDATION PRINCIPLES OF ARCHITECTURAL DESIGN (FPPAD01)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

Module 1: Principles of architectural design: introduction to the process of design. Focus on pragmatic planning principles, relationship of spaces, ergonomic principles and application of structure and construction as part of design decision-making. Module 2: Architectural terminology and theory: introduction to the language used in architectural theory. The focus will be on the correct use of terminology through examples and an explanation of their meaning. Module 3: Practical approach to the theorem design to develop model make. This theorem is explored as a whole throughout the year. (Total tuition time: ± 252 hours)

FOUNDATION TECHNICAL ARCHITECTURAL DRAWING (FPTAD01)

CONTINUOUS ASSESSMENT

(Subject custodian: Department of Architecture)

Module 1: Build skill and understanding of the methods and materials needed to construct a basic building in South Africa. Module 2: Master the basic sketching techniques needed to sketch and draw these methods and materials as related to the module. Module 3: Understand the basic types of construction relevant to the assignments in the module. (Total tuition time: ± 48 hours)

