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## Faculty of Engineering and the Built Environment: Department of Architecture

Date: January 2020  
Attention: ALL Senior undergraduate architecture students  
From: Prof Jacques Laubscher  
Re: **Changes to BArch & BArchExt subjects**

### Background

In 2012 and 2017, the Validation Boards of the SA Council for the Architectural Profession (SACAP) made specific recommendations regarding the course content and structure of the BArch and the BArchExt qualifications.

The 2017 SACAP Validation Board recommended the amalgamation of specific modules, the adjustment of certain module credits, the re-circulation and adaptation of particular modules, and the development of a scientifically rigorous approach to the technological aspects of the profession. The 2017 SACAP Validation Board also stated the changes were required to ensure the continuous accreditation and validation of the degrees.

After a lengthy process, final approval from the Council of Higher Education (CHE) and the SA Qualifications Authority (SAQA) were received in December 2019 to implement the new BArch and the BArchExt qualifications.

### Implementation date

The recommended changes will be implemented from 1 January 2020 onwards to ensure the continued national and international validation of the Bachelor of Architecture and Bachelor of Architecture (Extended curriculum programme with foundation provision) qualifications. The attached table lists the old and new subjects.

### Phasing-in of the new modules

The approved teaching out plan makes provision for **two phase-in scenarios**, namely:

- **Scenario 1: Student passed all the modules in 2019**  
If a student passed all the modules of a particular academic year (2019), the student would continue with the new modules in the next year of academic registration.
- **Scenario 2: Student failed one (1) or more modules (in 2019)**  
If a student failed one or more modules of a particular year (2019), the student would be allowed a further two (2) years (until 31 December 2021) to complete the specific module(s).

### Phasing-out of the old modules

On 1 January 2022, the old modules will no longer be offered in its current format but only in the new consolidated form.

A student who has not passed all the modules of an academic year after the final teach out date has to register for all the outstanding modules.

### Academic year equivalence

Until the final teach out date of 31 December 2021, the combined modules forming part of the respective academic years are considered equal because the respective academic years carry the same credit weighting.

### Module pre-requirements and combinations

All the pre-requirements and module combinations remain in place.

### Students' Rules and Regulations

Students should consult Chapter 6 of the Students' Rules and Regulations (Part 1) for rules about recognitions and exemptions.

### Registration process

**No** senior BArch or BArchExt student is allowed to register online. The online registration is blocked, but if the systems allows you to register for any subjects, you are at fault for submitting the application. If a student does not follow the registration process below, the subjects will be cancelled and the student will be held liable for any costs incurred.

The 2020 registration process is as follows:

1. Complete the enrolment form at the Architecture Department.
2. The year-coordinator signs off the enrolment form.
3. The HoD signs off the enrolment form.
4. The Departmental Administrator submits the enrolment forms for registration to Building 21.

OLD QUALIFICATION (until December 2019)	NEW QUALIFICATION (from January 2020 onwards)
<b>BACHELOR OF ARCHITECTURE</b>	<b>BACHELOR OF ARCHITECTURE</b> (Fields of specialisation: Design or Technology)
Qualification code: BPAR17 - NQF Level 8 (TOTAL 480 credits) SAQA ID: 48735, CHE NUMBER: H/H16/E013CAN	Qualification code: BPAR20 - NQF Level 8 (TOTAL 480 credits) SAQA ID: 97153, CHE NUMBER: H16/10740/HEQSF

FIRST YEAR NQF Level: 5 Total Credits for this year: 120 credits					
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Architectural Design I	ACH105P	48,0	1) Architectural Design I	ACD105P	48,0
2) Construction Materials I	CSM105P	6,0	2) Construction I	CST105P	18,0
3) Construction Methods I	KME105P	6,0			
4) Contract Documentation I	CDO105P	14,4	3) Building Physics and Systems Design I	BPS105P	12,0
5) Applied Building Science I	ABC105P	6,0	4) Computer Applications in Architecture I	CAR125P	12,0
6) Computer-Aided Draughting I	CAI105P	4,8			
7) Computer Applications in Architecture I	COA105P	4,8	5) Theory and History of Architecture I	THR105P	12,0
8) History of Architecture I	HAC105P	6,0	6) Professional Practice I	PFR125P	6,0
9) Theory of Design I	THD105P	4,8			
10) Communication I	COM105P	4,8	7) Presentation Techniques I	PTR105P	12,0
11) Presentation Techniques I	PTT105P	14,4			

SECOND YEAR NQF Level: 6 Total Credits for this year: 120 credits					
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Architectural Design II	ACH200T	48,0	1) Architectural Design II	ACD216P	48,0
2) Construction Materials II	CSM200T	6,0	2) Construction II	CST216P	12,0
3) Construction Methods II	KME210T	6,0			
4) Contract Documentation II	CDO200T	18,0	3) Building Physics and Systems Design II	BPS216P	6,0
None	---	---	4) Computer Applications in Architecture II	CAR226P	6,0
5) Computer-Aided Design II	CMI200T	6,0	5) Theory and History of Architecture II	THR216P	12,0
6) Theory of Design II	THD200T	6,0	6) Professional Practice II	PFR216P	36,0
7) Architectural Technology Practice II	ARC200T	30,0			

THIRD YEAR NQF Level: 7 Total Credits for this year: 120 credits					
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Architectural Design III	ACH307P	48,0	1) Architectural Design III	ACD307P	54,0
2) Landscape Design III	LDE307P	12,0	2) Construction III	CST307P	18,0
3) Construction Materials III	CSM307P	6,0			
4) Construction Methods III	KME307P	6,0	3) Building Physics and Systems Design III	BPS307P	12,0
5) Contract Documentation III	CDO307P	15,6			
6) Specification and Quantities III	SPQ307P	3,6	4) Computer Applications in Architecture III	CAR327P	18,0
7) Building Services III	BSV307P	6,0			
8) Computer-Aided Draughting III	CAI307P	6,0	5) Theory and History of Architecture III	THR307P	12,0
9) Theory of Design III	THD307P	6,0	6) Professional Practice III	PFR327P	6,0
10) Architectural Practice III	AHC307P	6,0			
11) Surveying for Architecture III	SFA307P	4,8			

FOURTH YEAR (with specialisation in Design)			NQF Level: 8 Total Credits for this year: 120 credits		
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Architectural Design IV	ACH408P	48,0	1) Architectural Design IV	ACD408P	54,0
2) Principles of Urban Design IV	PUD408P	12,0			
3) Construction Materials IV	CSM408P	12,0	2) Construction IV	CST408P	18,0
4) Construction Methods IV	KME408P	12,0			
5) Structures IV	STR408P	9,6	3) Building Physics and Systems Design IV	BPS418P	12,0
None	---	---	4) Computer Applications in Architecture IV	CAR428P	12,0
6) Theory of Design IV	THD408P	4,8	5) Theory and History of Architecture IV	THR408P	12,0
7) Law and Contract Management IV	LWC408P	12,0			
8) Project Management IV	PJG408P	9,6	6) Professional Practice IV	PFR418P	12,0

FOURTH YEAR (with specialisation in Technology) NQF Level: 8			Total Credits for this year: 120 credits		
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Studio Work: Contract Documentation IV	STW40PT	36,0	1) Studio Work IV	STW408P	30,0
2) Studio Work: Specification IV	STW40QT	24,0			
3) Construction Materials IV	CDL40QT	6,0	2) Construction IV	CST408P	18,0
4) Construction Methods IV	CDL40PT	6,0			
None	---	---	3) Advanced Construction IV	ACC408P	12,0
None	---	---	4) Building Physics and Systems Design IV	BPS418P	12,0
None	---	---	5) Advanced Building Physics and Systems Design IV	ABP418P	12,0
5) Advanced Computer Applications in Architecture IV	ARA400T	12,0			
6) Computer Hardware IV	CDG40PT	6,0	6) Computer Applications in Architecture IV	CAR428P	12,0
7) Network Systems IV	CDG40QT	6,0			
8) Law and Contract Management IV	LWC410T	6,0	7) Professional Practice IV	PFR418P	12,0
9) Project Management IV	PJG420T	6,0			
10) Architectural Practice IV	OFF40PT	6,0	8) Advanced Professional Practice IV	APC418P	12,0
11) Business Management IV	OFF40QT	6,0			

OLD QUALIFICATION (until December 2019)	NEW QUALIFICATION (from January 2020 onwards)
<b>BACHELOR OF ARCHITECTURE</b> (Extended curriculum programme with foundation provision) Qualification code: BPARF1 - NQF Level 8 (TOTAL 480 credits) CHE NUMBER: H16/10740/HEQSF A	<b>BACHELOR OF ARCHITECTURE</b> (Extended curriculum programme with foundation provision) (Fields of specialisation: Design or Technology) Qualification code: BPARF2 - NQF Level 8 (TOTAL 480 credits) SAQA ID: 110794, CHE NUMBER: H16/10740/HEQSF

FIRST YEAR		NQF Level: 5	Total Credits for this year: 60 credits		
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Foundation Principles of Architectural Design I	FPPAD01	12,0	1) Foundation Architectural Design I	ACHF05P	
2) Foundation Building Science I	FPBSC01	12,0	2) Foundation Construction I	CSTF05P	
3) Foundation Technical Architectural Drawing	FPTAD01	12,0	3) Foundation Technical Architectural Drawing I	FTDF25P	
4) Foundation Building Business Law and Practice	FPBBL01	12,0	4) Foundation Professional Practice I	PFRF25P	
5) Foundation Architectural Language and Communication	FPALC01	12,0	5) Foundation Architectural Language and Presentation Techniques I	FALF05P	

SECOND YEAR		NQF Level: 5	Total Credits for this year: 60 credits		
OLD subject(s)	OLD Code	Exist. Credits	NEW Subject	New Code	New Credits
1) Architectural Design I	ACH100T	24,0	1) Architectural Design I	ACD005P	24,0
2) Construction Materials I	CSM110T	3,0	2) Construction I	CST005P	9,0
3) Construction Methods I	KME110T	3,0			
4) Contract Documentation I	CDO100T	7,2	3) Building Physics and Systems Design I	BPS005P	6,0
5) Applied Building Science I	ABC100B	3,0	4) Computer Applications in Architecture I	CAR025P	6,0
6) Computer-Aided Draughting I	CAI110T	2,4	5) Theory and History of Architecture I	THR005P	6,0
7) Computer Applications I	COA110B	2,4			
8) History of Architecture I	HAC100T	3,0	6) Professional Practice I	PFR025P	3,0
9) Theory of Design I	THD100T	2,4	7) Presentation Techniques I	PTR005P	6,0
10) Communication I	COM150C	2,4			
11) Presentation Techniques I	PTT100T	7,2			

THIRD YEAR	NQF Level: 6	Total Credits for this year: 120 credits
See BArch SECOND YEAR		

FOURTH YEAR	NQF Level: 7	Total Credits for this year: 120 credits
See BArch THIRD YEAR		

FIFTH YEAR (with specialisation in Design)	NQF Level: 8	Total Credits for this year: 120 credits
See BArch FOURTH YEAR (with specialisation in Design)		

FIFTH YEAR (with specialisation in Technology)	NQF Level: 8	Total Credits for this year: 120 credits
See BArch FOURTH YEAR (with specialisation in Technology)		