

Programme Guide for Undergraduate Taught Programmes School of Energy, Geoscience, Infrastructure, and Society Dubai Campus

Academic Year 202324

Academic Year Calendar 202324

[Students are encouraged to check the Academic Calendar and be familiarized with the dates]

List of Programmes

BEng [Hons] Architectural Engineering	3
New Students	3
Direct Entry and Continuing Students	3
BEng [Hons] Civil Engineering	5
New Students	
Direct Entry and Continuing Students	
BA [Hons] Architecture	
New Students	
Direct Entry and Continuing Students	
MA [Hons] Real Estate Management Finance	9
New Students	ç
Direct Entry and Continuing Students	9

BEng [Hons] Architectural Engineering

Programi	-							
110614111	me Name	: BEng [Hons] Architectural	Engineerir	ng				
Programi	me Code	: D1B1-AEN						
Study mo	ode	: Full Time						
		Key Contacts						
Designat	ion	Name		Cont	act Details	5		
Programi	me Director	Dr Hassam N Chaudhry		h.n.c	haudhry@	hw.ac.uk		
	ordinator	Dr Linsey Thomson			omson@l			
Year 2 Cc	ordinator	Dr Jun Han		j.han	@hw.ac.u	k		
Year 3 Cc	ordinator	Dr Hassam N Chaudhry		h.n.c	haudhry@	hw.ac.uk		
Year 4 Cc	ordinator	Dr Hassam N Chaudhry		h.n.c	haudhry@	hw.ac.uk		
Course	Course Title		Manda		Year	Semester	Semester	
Code			Option	al			Dates	
		New Student	S					
		Year 1						
D27T4	Construction Technology	September Semester – 4 Mar			1	Contombar		
D37TA	Construction Technology Mechanics A	1	Mand		1	September	Sep 2023	
D27MA D57SA		hor A (Dan ECIS)	Mand		1	September	To	
F17XA	Shaping Tomorrow Toget Maths Engineers & Scient			Mandatory Mandatory		September September	Dec 2023	
F1/AA	Matris Engineers & Scient	January Semester – 4 Mand		<u> </u>	1	September		
D18BT	Building Services Technol	•	Manda		1	January		
D27MB	Mechanics B	ОБУ	Manda		1	January	Jan 2024	
D57SB	Shaping Tomorrow Toget	her B (Pan FGIS)	Manda		1	January	to	
03730	Shaping remotion reger	ner b (r an Eolo)	ivialia	acory	_	January	Apr 2024	
F17XB	Maths Engineers & Scient	ists 2	Mand	atorv	1	lanuary	Api 2024	
F17XB	Maths Engineers & Scient		Manda ing Stud	•	1	January	Αρι 2024	
F17XB	Maths Engineers & Scient	Direct Entry and Continu		•	1	January	Αρι 2024	
F17XB		Direct Entry and Continu	ing Stud	ents			Αρι 2024	
	September	Direct Entry and Continu Year 2 Semester – 3 Mandatory Cour	ing Stud	ents Option	al Course	(s)	Αμί 2024	
D18AB	September Acoustics and Architectur	Direct Entry and Continu Year 2 Semester – 3 Mandatory Cour	ses and 1	ents Option atory	al Course	(s) September		
D18AB D18PA	September Acoustics and Architectur Design Project	Vear 2 Semester – 3 Mandatory Cour ral Design	ses and 1 Manda	Option atory	al Course	(s) September September	Sep 2023	
D18AB D18PA D38TA	September Acoustics and Architectur Design Project Construction Technology	Year 2 Semester – 3 Mandatory Courtal Design	ses and 1 Manda Manda Manda	Option atory atory atory	2 2 2	(s) September September September	Sep 2023	
D18AB D18PA	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A	Vear 2 Semester – 3 Mandatory Cour ral Design	ses and 1 Manda Manda Manda Option	Option atory atory atory onal	2 2 2 2 2	(s) September September September September	Sep 2023 To	
D18AB D18PA D38TA D28HA	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A	Year 2 Semester – 3 Mandatory Cour ral Design 2 emester – 3 Mandatory Course	ses and 1 Manda Manda Manda Options	Option atory atory onal ptiona	2 2 2 2 2 I Course(s	(s) September September September September	Sep 2023 To	
D18AB D18PA D38TA D28HA	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavio	Year 2 Semester – 3 Mandatory Cour ral Design 2 emester – 3 Mandatory Course	ses and 1 Manda Manda Manda Options s and 1 0 Manda	Option atory atory onal ptiona	2 2 2 2 2 1 Course(s	(s) September September September September January	Sep 2023 To	
D18AB D18PA D38TA D28HA D18BG D38EC	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavior eConstruction	Year 2 Semester – 3 Mandatory Cour ral Design 2 emester – 3 Mandatory Course	ses and 1 Manda Manda Options s and 1 O Manda Manda	Option atory atory onal ptiona atory atory	2 2 2 2 2 1 Course(s	(s) September September September September January January	Sep 2023 To Dec 2023	
D18AB D18PA D38TA D28HA D18BG D38EC F78SC	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavior eConstruction Statistics for Science	Year 2 Semester – 3 Mandatory Course al Design 2 emester – 3 Mandatory Course our	ses and 1 Manda Manda Option s and 1 O Manda Manda Manda Manda	Option atory on al ptiona atory	2 2 2 1 Course(s 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(s) September September September September January January January	Sep 2023 To Dec 2023	
D18AB D18PA D38TA D28HA D18BG D38EC	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavior eConstruction	Pirect Entry and Continue Year 2 Semester – 3 Mandatory Course al Design 2 emester – 3 Mandatory Course our	ses and 1 Manda Manda Options s and 1 O Manda Manda	Option atory on al ptiona atory	2 2 2 2 2 1 Course(s	(s) September September September September January January	Sep 2023 To Dec 2023	
D18AB D18PA D38TA D28HA D18BG D38EC F78SC	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavior eConstruction Statistics for Science	Year 2 Semester – 3 Mandatory Course Tal Design 2 emester – 3 Mandatory Course Our rchitecture Year 3	ses and 1 Manda Manda Option S and 1 O Manda Manda Option Manda Manda Option	Option atory catory catory catory atory atory atory atory atory atory catory ca	2 2 2 1 Course(s 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(s) September September September September January January January	Sep 2023 To Dec 2023	
D18AB D18PA D38TA D28HA D18BG D38EC F78SC D68HI	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavior eConstruction Statistics for Science History and Theories of A	Pirect Entry and Continue Year 2 Semester – 3 Mandatory Course al Design 2 emester – 3 Mandatory Course our	ses and 1 Manda Manda Option s and 1 O Manda Manda Manda Manda Option Manda Option	Option atory atory onal ptiona atory atory atory onal	2 2 2 1 Course(s 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(s) September September September January January January January	Sep 2023 To Dec 2023	
D18AB D18PA D38TA D28HA D18BG D38EC F78SC	September Acoustics and Architectur Design Project Construction Technology Hydraulics & Hydrology A January S Environment and Behavior eConstruction Statistics for Science	Year 2 Semester – 3 Mandatory Course Tal Design 2 emester – 3 Mandatory Course Our rchitecture Year 3	ses and 1 Manda Manda Option S and 1 O Manda Manda Option Manda Manda Option	Option atory atory onal ptiona atory atory onal ourses atory	2 2 2 1 Course(s 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(s) September September September September January January January	Sep 2023 To Dec 2023	

D19SO	Design Software Applications	Mandatory	3	September	Dec 2023				
	January Semester – 4 Manda	tory Courses							
D19DI	Design Issues	Mandatory	3	January	1 2024				
D19EB	Energy and Buildings	Mandatory	3	January	Jan 2024				
D19CX	Critical Analysis	Mandatory	3	January	to Apr 2024				
D29EV	Environmental Technology and Management	Mandatory	3	January	Apr 2024				
	Year 4								
	September Semester – 3 Mano	datory Courses							
D10YD	Design Project (AE) (S1)	Mandatory	4	September	Sep 2023				
D10ZA	Dissertation (AE) (S1)	Mandatory	4	September	То				
D39PZ	Procurement and Contracts	Mandatory	4	September	Dec 2023				
	January Semester – 4 Manda	tory Courses							
D10IS	Sustainable and Intelligent Buildings	Mandatory	4	January					
D10YF	Design Project (AE) (S2)	Mandatory	4	January	Jan 2024				
D10ZB	Dissertation (AE) (S2)	Mandatory	4	January	to Apr 2024				
D30IC	Innovation in Construction Practice	Mandatory	4	January	Αμι 2024				

BEng [Hons] Civil Engineering

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Programm		:	BEng [Hons] Civil Engineer	ring						
Programm		:	D211-CIE							
Study mod	de	:	Full Time							
			Key Contacts							
Designation	on	Na	ame		Ğ	ontact Details				
Programm	e Director	Pc	ouria Hafiz		р	ouria.hafiz@h	w.ac.uk			
Year 1 Coc	ordinator		Olisenwendu Ogwuda		0.	i.ogwuda@h\	w.ac.uk			
Year 2 Coc			ouria Hafiz		_	ouria.hafiz@h				
Year 3 Coc	ordinator	Dr	Noor Habib			habib@hw.ad				
Year 4 Coc	ordinator	Dr	Mustafa Batikha		m	.batikha@hw	.ac.uk			
Course	Course Title			Mandato		Year	Semester	Semester		
Code				/Optional				Dates		
			New Students							
			Year 1							
		Sep	otember Semester – 4 Manda	atory Course	es					
D27MA	Mechanics A			Mandato	ry	1	September			
D57SA	Shaping Tomorrow Togethe	er A	(Pan EGIS)	Mandato	ry	1	September	Sep 2023		
F17XA	Maths Engineers & Scientis	ts 1		Mandato	ry	1	September	To Dec 2023		
D37TA	Construction Technology 1			Mandato	ry	1	September	Dec 2023		
		Ja	nuary Semester – 4 Manda	tory Course	s					
D27IM	Introduction to Materials			Mandato	ry	1	January	lan 2024		
D27MB	Mechanics B			Mandato	ry	1	January	Jan 2024 to		
D57SB	Shaping Tomorrow Togethe	er B	(Pan EGIS)	Mandato	ry	1	January	Apr 2024		
F17XB	Maths Engineers & Scientis	ts 2		Mandato	ry	1	January			
		Dir	ect Entry and Continui	ng Studen	its					
			Year 2							
		Sep	tember Semester – 4 Man	datory Cours	ses					
D28DS	Analysis of Determinate Str			Mandato		2	September			
D28HA	Hydraulics & Hydrology A			Mandato		2	September	Sep 2023		
D28SM	Surveying and GIS			Mandato		2	September	To		
F18XC	Maths Engineers & Scientis	ts 3		Mandato	ry	2	September	Dec 2023		
	_	Ja	nuary Semester – 4 Manda	tory Course	s					
D28DE	Design Studies A-Problem S		•	Mandato		2	January			
D28MA	Civil Engineering Materials			Mandato	ry	2	January	Jan 2024		
D28SA	Stress Analysis and Elemen	t Str	ength	Mandato	ry	2	January	to Apr 2024		
F78SC	Statistics for Science			Mandato	ry	2	January	Api 2024		
			Year 3							
	S	ept	ember Semester – 4 Mand	latory Cour	rses	S				
D29GS	Geology and Soil Properties	5		Mandato	ry	3	September			
D29IS	Indeterminate Structures			Mandato	ry	3	September	Sep 2023		
D29SE	Design of Steel Elements			Mandato	ry	3	September	to		

D29TA	Transport Design, Infrastructure and Society	Mandatory	3	September	Dec 2023
	January Semester – 4 Manda	tory Courses			
D29DC	Design of Concrete Elements	Mandatory	3	January	Jan. 2024
D29EV	Environmental Technology and Management	Mandatory	3	January	Jan 2024
D29GA	Geotechnics A - Introduction to Soil Mechanics	Mandatory	3	January	to Apr 2024
D29HB	Hydraulics & Hydrology B	Mandatory	3	January	Αρι 2024
	Year 4				
	September Semester – 2 Mandatory a	nd 2 Optional	Courses		
D20GB	Geotechnics B- Soils Strength	Mandatory	4	September	
D20ZA	Dissertation 1 (Civil Engineering Programme) (S1)	Mandatory	4	September	Sep 2023
D11ST	Sustainability for Construction Professionals	Optional	4	September	То
D20SE	Structural Element Design	Optional	4	September	Dec 2023
D20TB	Highway Engineering	Optional	4	September	
	January Semester – 3 Mandatory and	d 1 Optional Co	urse(s)		
D20DP	Civil Engineering Design Project	Mandatory	4	January	
D20ZB	Dissertation 1 (Civil Engineering Programme) (S2)	Mandatory	4	January	Jan 2024
D21FE	Foundation Engineering	Mandatory	4	January	Jan 2024
D20DT	Plastic Analysis of Structures	Optional	4	January	to Apr 2024
D21UD	Urban Drainage and Water Supply	Optional	4	January	, tpi 2024
D21WW	Water and Wastewater Treatment	Optional	4	January	

BA [Hons] Architecture

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Programm	ne Name	: BA [Hons] Architecture					
Programm	ne Code	: D600-ARC					
Study mod	de	: Full Time					
		Key Contacts					
Designation	on	Name		Contact Detail	s		
Programm	ne Director	Dr Harpreet Seth		h.seth@hw.ac.	uk		
Year 1 Coo		Atousa Aslami		a.aslami_nezha	ad@hw.ac.uk		
Year 2 Coo	ordinator	El-Dabaa Rana	r.el-dabaa@hw.ac.uk				
Year 3 Coo	ordinator	Dr Harpreet Seth		h.seth@hw.ac.	uk		
Year 4 Coo	ordinator	Muhammed Shameel		s.muhammed@	hw.ac.uk		
Course	Course Title		Mandator	y Year	Semester	Semester	
Code			/Optional			Dates	
		New Students	;				
		Year 1					
D27T4		September Semester – 3 Man	1				
D37TA	Construction Technology 1	A /D FCIC\	Mandator	-	September	Sep 2023	
D57SA	Shaping Tomorrow Togeth		Mandator	•	September	To Dec 2023	
D67AA	Architectural Design Studio		Mandator	<u> </u>	September	Dec 2023	
D67BA	Architectural Design Studio	January Semester – 3 Manda	Mandator		lanan.	. 2024	
D67HH	History of the Built Enviror		Mandator	<u> </u>	January	Jan 2024	
D57SB	Shaping Tomorrow Togeth		Mandator	<u> </u>	January January	to Apr 2024	
D373B	Shaping romorrow rogeth	<u> </u>	1	·	January	71p1 2024	
		Direct Entry and Continui	ng Studen	TS			
		Year 2	1				
DOOTA		September Semester – 3 Man	1			Ī	
D38TA	Construction Technology 2		Mandator	•	September	Sep 2023	
D68AR	Architectural Representati		Mandator	·	September	To Dec 2023	
D68CA	Architectural Design Studio		Mandator	<u> </u>	September	Dec 2023	
D68DA		Semester – 2 Mandatory and	<u> </u>		January		
D68DA D68HI	Architectural Design Studio History and Theories of Arc		Mandator Mandator	<i>'</i>	January	Jan 2024	
D18BG	Environment and Behavior		Optional	-	January	to	
D18BT	Building Services Technolo		Optional		January	Apr 2024	
DIODI	Building Services reciniolo	Year 3	Ортіопаі	2	daridary		
		September Semester – 3 Man	datory Cour	ses			
D69TP	Integrated Technology 1		Mandator	ту 3	September	Sep 2023	
D69AI	The Archaeology of Ideas		Mandator	ту 3	September	to	
D69EA	Architectural Design Studio	5	Mandator	ту 3	September	Dec 2023	
		January Semester – 3 Manda	tory Course	es			
D19EB	Energy and Buildings		Mandator	ту 3	January	Jan 2024	
D69FA	Architectural Design Studio	0 6	Mandator	у 3	January	to	

D19CX	Critical Analysis	Mandatory	3	January	Apr 2024			
	Year 4							
September Semester – 3 Mandatory Courses								
D60PP	Professional practice*	Mandatory	4	September	Sep 2023			
D60DA	Dissertation (Architecture)	Mandatory	4	September	То			
D60GA	Architectural Design Studio 7	Mandatory	4	September	Dec 2023			
	January Semester – 3 Manda	tory Courses						
D60GB	Architectural Design Studio 8	Mandatory	4	January	Jan 2024			
D60TD	Integrated Technology 2	Mandatory	4	January	to			
D30IC	Innovation in Construction Practice	Mandatory	4	January	Apr 2024			

^{*} Note for Continuing students: Students in stage 4 must be enrolled for the D69TP - Integrated Technology 1 course currently offered in stage 3 instead of the D60PP - Professional Practice currently offered in stage 4.

MA [Hons] Real Estate Management Finance

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Programn		: MA [Hons] Real Estate I	Management Fi	nance			
Programn		: D461-REF					
Study mo	de	: Full Time					
		Key Contact					
Designati	on	Name	(Contact Detai	ls		
Programn	ne Director	Matt Myers	r	n.myers@hw	.ac.uk		
Year 1 Co	ordinator	Matt Myers	m.myers@hw.ac.uk				
Year 2 Co	ordinator	Matt Myers	r	n.myers@hw	.ac.uk		
Year 3 Co	ordinator	Matt Myers	r	n.myers@hw	.ac.uk		
Year 4 Co	ordinator	Matt Myers	r	n.myers@hw	.ac.uk		
Course	Course Title		Mandatory	Year	Semester	Semester	
Code			/Optional			Dates	
		New Studen	ts				
		Year 1					
04750		eptember Semester – 4 Ma				I	
C17EB	Management in a Global Co	ontext	Mandatory		September	Sep 2023	
C67AS	Academic Studies		Mandatory		September	To Dec 2023	
D47RE	Real Estate and its Markets	. A (D ECIC)	Mandatory		September		
D57SA	Shaping Tomorrow Togethe	· · · · · · · · · · · · · · · · · · ·	Mandatory		September		
62756	•	Semester – 3 Mandatory a			1		
C27EC	The Economy		Mandatory		January	 	
D47HC	Human Geography & The C	•	Mandatory		January	Jan 2024	
D57SB	Shaping Tomorrow Togethe	er B (Pan EGIS)	Mandatory		January	to	
C17DB	Discovering Business		Optional	1	January	Apr 2024	
D37CC	Cost Control Principles		Optional	1	January		
		Direct Entry and Contin	uing Students	5			
		Year 2					
		1001 2					
	Septen	nber Semester – 2 Mandator	y and 2 Optional	courses			
C37AF	Introduction to Accounting		Mandatory		September		
D48VA	Principles of Valuation		Mandatory	2	September		
C48IB	Intercultural Issues in Busin	ess and Management	Optional	2	September	Sep 2023	
F78QT	Quantitative Methods 1		Optional	2	September	To Dec 2023	
D28SM	Surveying and GIS		Optional	2	September	Dec 2023	
C17MK	Introduction to Marketing		Optional	2	September		
		January Semester – 4 Man	datory Courses				
C38FM	Financial Markets Theory		Mandatory	-	January	Jan 2024	
C38MO	Management Accounting in		Mandatory		January	to	
C18BS	Business Skills for the Secon	nd Machine Age	Mandatory	2	January	Apr 2024	
D48UE	Urban and Real Estate Ecor			2	January		

	Year 3				
	September Semester – 4 I	Mandatory Courses			
C39FN	Corporate Financial Theory	Mandatory	3	September	C 2022
D39TA	Construction Technology 3	Mandatory	3	September	Sep 2023
D49CA	Contemporary Appraisal	Mandatory	3	September	to Dec 2023
D49IV	Real Estate Investment	Mandatory	3	September	DEC 2023
	January Semester – 4 M	andatory Courses			
C19RH	Business Research Methods	Mandatory	3	January	12024
D19DI	Design Issues	Mandatory	3	January	Jan 2024
D40RD	Real Estate Development	Mandatory	3	January	to Apr 2024
D49PJ	Professional Real Estate Project	Mandatory	3	January	Api 2024
	Year 4				
	September Semester – 4 I	Mandatory Courses			
C10IB	International Business	Mandatory	4	September	6 2022
C30MX	Managerial Accounting: Decision Making	Mandatory	4	September	Sep 2023 To
D40ZA	Research Dissertation (Urban Studies) (S1)	Mandatory	4	September	Dec 2023
D41EP	Urban Economy and Property Markets	Mandatory	4	September	DEC 2023
	January Semester – 4 M	andatory Courses			
C30CY	Contemporary Issues in Finance	Mandatory	4	January	1 2024
C30SY	Equity Markets and Fund Management	Mandatory	4	January	Jan 2024
D40ZB	Research Dissertation (Urban Studies) (S2)	Mandatory	4	January	to Apr 2024
D41AN	Real Estate Management and Sustainability	Mandatory	4	January	Αμι 2024