



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

Academic Year 202425

[Academic Year Calendar 202425](#)

[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	5
Direct Entry and Continuing Students.....	5
BA [Hons] Architecture	7
New Students	7
Direct Entry and Continuing Students.....	7
MA [Hons] Real Estate Management and Finance.....	9
New Students	9
Direct Entry and Continuing Students.....	9

BEng [Hons] Architectural Engineering

Programme Name	:	BEng [Hons] Architectural Engineering				
Programme Code	:	D1B1-AEN				
Study mode	:	Full Time				
Key Contacts						
Designation	Name	Contact Details				
Programme Director	Dr Hassam N Chaudhry	h.n.chaudhry@hw.ac.uk				
Year 1 Coordinator	Dr Linsey Thomson	l.d.thomson@hw.ac.uk				
Year 2 Coordinator	Dr Jun Han	j.han@hw.ac.uk				
Year 3 Coordinator	Dr Hassam N Chaudhry	h.n.chaudhry@hw.ac.uk				
Year 4 Coordinator	Dr Hassam N Chaudhry	h.n.chaudhry@hw.ac.uk				
Course Code	Course Title	Mandatory/Optional	Year	Semester	Semester Dates	
New Students						
Year 1						
September Semester – 4 Mandatory Courses						
D27MA	Mechanics A	Mandatory	1	September	Sep 2024 To Dec 2024	
D37TA	Construction Technology: Small Scale Buildings	Mandatory	1	September		
D57SA	Shaping Tomorrow Together A	Mandatory	1	September		
F17XA	Mathematics for Engineers and Scientists 1	Mandatory	1	September		
January Semester – 4 Mandatory Courses						
D18BT	Building Services Technology	Mandatory	1	January	Jan 2025 to Apr 2025	
D27MB	Mechanics B	Mandatory	1	January		
D57SB	Shaping Tomorrow Together B	Mandatory	1	January		
F17XB	Mathematics for Engineers and Scientists 2	Mandatory	1	January		
Direct Entry and Continuing Students						
Year 2						
September Semester – 3 Mandatory Courses and 1 Optional Course(s)						
D18AB	Acoustics and Architectural Design	Mandatory	2	September	Sep 2024 To Dec 2024	
D18PA	Design Project	Mandatory	2	September		
D38TA	Construction Technology: Structure and Fabric	Mandatory	2	September		
D28HA	Hydraulics and Hydrology A	Optional	2	September		
D28SM	Surveying and GIS	Optional	2	September		
January Semester – 3 Mandatory Courses and 1 Optional Course(s)						
D18BG	Environment and Behaviour	Mandatory	2	January	Jan 2025 to Apr 2025	
D38EC	eConstruction	Mandatory	2	January		
F78SC	Statistics for Science	Mandatory	2	January		
D68HI	History and Theories of Architecture	Optional	2	January		

Undergraduate Taught Programme Guide – September

Year 3					
September Semester – 4 Mandatory Courses					
D10LP	Laboratory Project	Mandatory	3	September	Sep 2024 to Dec 2024
D19EL	Electrical and Lighting Services for Buildings	Mandatory	3	September	
D19TP	Thermal Performance Studies	Mandatory	3	September	
D19SO	Design Software Applications	Mandatory	3	September	
January Semester – 4 Mandatory Courses					
D19DI	Design Issues	Mandatory	3	January	Jan 2025 to Apr 2025
D19EB	Energy and Buildings	Mandatory	3	January	
D19CX	Critical Analysis	Mandatory	3	January	
D29EV	Environmental Technology and Management	Mandatory	3	January	
Year 4					
September Semester – 3 Mandatory Courses					
D39PZ	Procurement and Contracts	Mandatory	4	September	Sep 2024 To Dec 2024
D10YD	Design Project (AE)	Mandatory	4	September	
D10ZA	Dissertation (AE)	Mandatory	4	September	
January Semester – 4 Mandatory Courses					
D10IS	Sustainable and Intelligent Buildings	Mandatory	4	January	Jan 2025 to Apr 2025
D10YF	Design Project (AE)	Mandatory	4	January	
D10ZB	Dissertation (AE)	Mandatory	4	January	
D30IC	Innovation in Construction Practice	Mandatory	4	January	

BEng [Hons] Civil Engineering

Programme Name	:	BEng [Hons] Civil Engineering				
Programme Code	:	D211-CIE				
Study mode	:	Full Time				
Key Contacts						
Designation	Name	Contact Details				
Programme Director	Pouria Hafiz	pouria.hafiz@hw.ac.uk				
Year 1 Coordinator	Dr Olisanwendu Ogwuda	o.i.ogwuda@hw.ac.uk				
Year 2 Coordinator	Pouria Hafiz	pouria.hafiz@hw.ac.uk				
Year 3 Coordinator	Dr Noor Habib	n.habib@hw.ac.uk				
Year 4 Coordinator	Dr Mustafa Batikha	m.batikha@hw.ac.uk				
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
New Students						
Year 1						
September Semester – 4 Mandatory Courses						
D27MA	Mechanics A	Mandatory	1	September	Sep 2024 To Dec 2024	
D37TA	Construction Technology: Small Scale Buildings	Mandatory	1	September		
D57SA	Shaping Tomorrow Together A	Mandatory	1	September		
F17XA	Mathematics for Engineers and Scientists 1	Mandatory	1	September		
January Semester – 4 Mandatory Courses						
D27MB	Mechanics B	Mandatory	1	January	Jan 2025 to Apr 2025	
D57SB	Shaping Tomorrow Together B	Mandatory	1	January		
F17XB	Mathematics for Engineers and Scientists 2	Mandatory	1	January		
D18BT	Building Services Technology	Mandatory	1	January		
Direct Entry and Continuing Students						
Year 2						
September Semester – 4 Mandatory Courses						
D28DS	Analysis of Determinate Structures	Mandatory	2	September	Sep 2024 To Dec 2024	
D28HA	Hydraulics and Hydrology A	Mandatory	2	September		
D28SM	Surveying and GIS	Mandatory	2	September		
F18XC	Mathematics for Engineers and Scientists 3	Mandatory	2	September		
January Semester – 4 Mandatory Courses						
D28DE	Design Studies A-Problem Solving	Mandatory	2	January	Jan 2025 to Apr 2025	
D28MA	Civil Engineering Materials	Mandatory	2	January		
D28SA	Stress Analysis and Element Strength	Mandatory	2	January		
F78SC	Statistics for Science	Mandatory	2	January		
Year 3						
September Semester – 4 Mandatory Courses						
D29GS	Geology and Soil Properties	Mandatory	3	September	Sep 2024 to Dec 2024	
D29IS	Indeterminate Structures	Mandatory	3	September		
D29SE	Design of Steel Elements	Mandatory	3	September		
D29TA	Transportation Systems Planning	Mandatory	3	September		

Undergraduate Taught Programme Guide – September

January Semester – 4 Mandatory Courses					
D29DC	Design of Concrete Elements	Mandatory	3	January	Jan 2025 to Apr 2025
D29EV	Environmental Technology and Management	Mandatory	3	January	
D29GA	Geotechnics A - Introduction to Soil Mechanics	Mandatory	3	January	
D29HB	Hydraulics & Hydrology B	Mandatory	3	January	
Year 4					
September Semester – 2 Mandatory and 2 Optional Courses					
D20GB	Geotechnics B- Geotechnical Applications	Mandatory	4	September	Sep 2024 To Dec 2024
D20ZA	Dissertation 1 (Civil Engineering Programme)	Mandatory	4	September	
D11ST	Sustainability for Construction Professionals	Optional	4	September	
D20SE	Structural Element Design	Optional	4	September	
D20TB	Highway Engineering	Optional	4	September	
January Semester – 3 Mandatory and 1 Optional Course(s)					
D20DP	Civil Engineering Design Project	Mandatory	4	January	Jan 2025 to Apr 2025
D20ZB	Dissertation 1 (Civil Engineering Programme)	Mandatory	4	January	
D21FE	Foundation Engineering	Mandatory	4	January	
D20DT	Plastic Analysis of Structures	Optional	4	January	
D21UD	Urban Drainage Design and Analysis	Optional	4	January	
D21WW	Water and Wastewater Treatment	Optional	4	January	

BA [Hons] Architecture

Programme Name	:	BA [Hons] Architecture			
Programme Code	:	D600-ARC			
Study mode	:	Full Time			
Key Contacts					
Designation	Name	Contact Details			
Programme Director	Dr Harpreet Seth	h.seth@hw.ac.uk			
Year 1 Coordinator	Atousa Aslami	a.aslami_nezhad@hw.ac.uk			
Year 2 Coordinator	El-Dabaa Rana	r.el-dabaa@hw.ac.uk			
Year 3 Coordinator	Dr Harpreet Seth	h.seth@hw.ac.uk			
Year 4 Coordinator	Muhammed Shameel	s.muhammed@hw.ac.uk			
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
New Students					
Year 1					
September Semester – 3 Mandatory Courses					
D37TA	Construction Technology: Small Scale Buildings	Mandatory	1	September	Sep 2024 To Dec 2024
D57SA	Shaping Tomorrow Together A	Mandatory	1	September	
D67AA	Architectural Design Studio 1	Mandatory	1	September	
January Semester – 3 Mandatory Courses					
D57SB	Shaping Tomorrow Together B	Mandatory	1	January	Jan 2025 to Apr 2025
D67BA	Architectural Design Studio 2	Mandatory	1	January	
D67HH	History of the Built Environment	Mandatory	1	January	
Direct Entry and Continuing Students					
Year 2					
September Semester – 3 Mandatory Courses					
D38TA	Construction Technology: Structure and Fabric	Mandatory	2	September	Sep 2024 To Dec 2024
D68AR	Architectural Representation	Mandatory	2	September	
D68CA	Architectural Design Studio 3	Mandatory	2	September	
January Semester – 2 Mandatory and 1 Optional Course(s)					
D68DA	Architectural Design Studio 4	Mandatory	2	January	Jan 2025 to Apr 2025
D68HI	History and Theories of Architecture	Mandatory	2	January	
D18BG	Environment and Behaviour	Optional	2	January	
D18BT	Building Services Technology	Optional	2	January	
Year 3					
September Semester – 3 Mandatory Courses					
D69AI	Archaeology of Ideas	Mandatory	3	September	Sep 2024 to Dec 2024
D69EA	Architectural Design Studio 5	Mandatory	3	September	
D69TP	Integrated Technology 1	Mandatory	3	September	

Undergraduate Taught Programme Guide – September

January Semester – 3 Mandatory Courses					
D19EB	Energy and Buildings	Mandatory	3	January	Jan 2025 to Apr 2025
D69FA	Architectural Design Studio 6	Mandatory	3	January	
D19CX	Critical Building Analysis	Mandatory	3	January	
Year 4					
September Semester – 3 Mandatory Courses					
D60DA	Dissertation (Architecture)	Mandatory	4	September	Sep 2024 To Dec 2024
D60GA	Architectural Design Studio 7	Mandatory	4	September	
D60PP	Professional Practice	Mandatory	4	September	
January Semester – 3 Mandatory Courses					
D30IC	Innovation in Construction Practice	Mandatory	4	January	Jan 2025 to Apr 2025
D60GB	Architectural Design Studio 8	Mandatory	4	January	
D60TD	Integrated Technology 2	Mandatory	4	January	

MA [Hons] Real Estate Management and Finance

Programme Name	:	MA [Hons] Real Estate Management and Finance				
Programme Code	:	D461-REF				
Study mode	:	Full Time				
Key Contacts						
Designation	Name		Contact Details			
Programme Director	Matt Myers		m.myers@hw.ac.uk			
Year 1 Coordinator	Matt Myers		m.myers@hw.ac.uk			
Year 2 Coordinator	Matt Myers		m.myers@hw.ac.uk			
Year 3 Coordinator	Matt Myers		m.myers@hw.ac.uk			
Year 4 Coordinator	Matt Myers		m.myers@hw.ac.uk			
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
New Students						
Year 1						
September Semester – 4 Mandatory Courses						
C17EB	Management in a Global Context	Mandatory	1	September	Sep 2024 To Dec 2024	
C27EC	The Economy	Mandatory	1	September		
D47RE	Real Estate and its Markets	Mandatory	1	September		
D57SA	Shaping Tomorrow Together A	Mandatory	1	September		
January Semester – 4 Mandatory Courses						
C17BT	Technology for Business	Mandatory	1	January	Jan 2025 to Apr 2025	
C17SB	Sustainable Business	Mandatory	1	January		
D47HC	Human Geography & The City	Mandatory	1	January		
D57SB	Shaping Tomorrow Together B	Mandatory	1	January		
Direct Entry and Continuing Students						
Year 2						
September Semester – 2 Mandatory and 2 Optional courses						
C38FI	Fundamentals of Finance	Mandatory	2	September	Sep 2024 To Dec 2024	
D48UE	Urban and Real Estate Economics	Mandatory	2	September		
C48IB	Intercultural Issues in Business and Management	Optional	2	September		
F78QT	Quantitative Methods 1	Optional	2	September		
D28SM	Surveying and GIS	Optional	2	September		
C17MK	Introduction to Marketing	Optional	2	September		
Note: Year-2 Direct entry students are required to take D47RE – Real Estate and its Markets as a Mandatory course in the Sep Sem, along with one optional course.						
January Semester – 4 Mandatory Courses						
D48VA	Principles of Property Valuation	Mandatory	2	January	Jan 2025 to Apr 2025	
C18BS	Business Skills for the Second Machine Age	Mandatory	2	January		
C38FM	Financial Markets Theory	Mandatory	2	January		
C38MO	Management Accounting in Organisations	Mandatory	2	January		

Undergraduate Taught Programme Guide – September

Year 3					
September Semester – 4 Mandatory Courses					
D39TA	Construction Technology for Commercial Buildings	Mandatory	3	September	Sep 2024 to Dec 2024
D49IV	Real Estate Investment	Mandatory	3	September	
C39FN	Corporate Financial Theory	Mandatory	3	September	
D49CA	Contemporary Appraisal	Mandatory	3	September	
January Semester – 4 Mandatory Courses					
D49PJ	Professional Real Estate Project	Mandatory	3	January	Jan 2025 to Apr 2025
D19DI	Design Issues	Mandatory	3	January	
D40RD	Real Estate Development	Mandatory	3	January	
C19RH	Business Research Methods	Mandatory	3	January	
Year 4					
September Semester – 3 Mandatory and 1 Optional Courses					
C10IB	Global Business Analysis 1: International Markets and Strategy	Mandatory	4	September	Sep 2024 To Dec 2024
C30MX	Managerial Accounting: Decision Making	Mandatory	4	September	
D40ZA	Research Dissertation (Urban Studies)	Mandatory	4	September	
D41EP	Urban Economy and Property Markets	Optional	4	September	
D40IP	Real Estate Industry Placement	Optional	4	September	
January Semester – 4 Mandatory Courses					
C30CY	Contemporary Issues in Finance	Mandatory	4	January	Jan 2025 to Apr 2025
C30SY	Equity Markets and Fund Management	Mandatory	4	January	
D40ZB	Research Dissertation (Urban Studies)	Mandatory	4	January	
D41AN	Real Estate Management and Sustainability	Mandatory	4	January	