

Programme Guide for Postgraduate Taught Programmes Mathematical and Computing Sciences – Dubai Campus

Academic Year 202324

Academic Year Calendar for 202324

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

<u>Note:</u> January intake students are required to register only for January semester courses now. Registration for September semester and following January semester courses can be done when the registration opens in August 2024 for academic year 2024/25.

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MSc / Postgraduate Diploma Artificial Intelligence

Programme Name : MSc / Postgraduate Diploma Artificial Intelligence							
Programm	ne Code	ARI					
Mode of S	tudy	:	Part Time				
			Key Contact	ts			
	Designation		Nam	ne		Contact	: Email
Programm	ne Director	D	r. Neamat El Gayar			n.elgayar@hw.a	ıc.uk
Dissertation	on Coordinator	D	r Ryad Soobhany			r.soobhany@hv	<u>v.ac.uk</u>
Course Code	Course Title			Mandatory /Optional	Yea	r Semester	Semester Dates
			New Studer	nts			
			Stage 1- First \	Year			
	Janua	ary	Semester - Registe	er 2 or 3 Cours	es		
F21AA	Applied Text Analytics			Optional	1		
F21AD	Advanced Interaction Desig	'n		Optional	1		Jan 2024
F21AO	Applied Development and 0	Эре	erations (DevOps)	Optional	1	January	to
F21AS	Advanced Software Enginee	erir	ng	Optional	1	Semester	May 2024
F21BD	Big Data Management			Optional	1		
F21GP	Computer Games Programm	nir	ıg	Optional	1		
	Septemb	er	Semester – Registe	r 2 and or 3 C	ourse	es	
F21DL	Data Mining & Machine Lea	ing	Mandatory	1		Sept 2024	
F21BC	Biologically inspired Computation			Mandatory	1	September	to
F21GA	3D Graphics and Animation			Optional	1	Semester	Dec 2024
F21RO	Intelligent Robotics			Optional	1		BCC 2024
			Continuing Stu	dents			
			Stage 1 – Second	d Year			
	January Semes	ter	- Register F21RP a	nd 1 or 2 Opti	ional	Course	
	[Students should	be	completing 8 taug	ht courses by	this s	semester]	
F21RP	Research Methods and Proj	jec	t Planning	Mandatory	2		
F21AA	Applied Text Analytics			Optional	2		
F21AD	Advanced Interaction Desig	'n		Optional	2		Jan 2024
F21AO	Applied Development and (Эре	erations (DevOps)	Optional	2	January	to
F21AS	Advanced Software Enginee	erir	ng	Optional	2	Semester	May 2024
F21BD	Big Data Management			Optional	2		
F21GP	Computer Games Programm			Optional	2		
	May Semester - 1 M (Register ONL		datory Course [App on successful compl			_	
F21MP	MSc Project & Dissertation		,	Mandatory	2	May Semester	Jun 2024 to Dissertation Deadline
	nuary intake students need to ogramme in 2 years.	o ca	arefully consider th	eir courses sec	quenc	cing to complete	their

- Students will be eligible to register in F21RP ONLY on successful completion of 7 courses or being registered to complete 7 courses with F21RP being the 8th course in their final taught semester. For most part-time students this will be during their second year of studies.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.
- Student should complete 3 Mandatory and 5 Optional courses to be eligible for F21MP registration.

MSc / Postgraduate Diploma Data Science

Programn	ne Name	: MSc / Postgradu	ate Diploma D	ata S	cience			
Programme Code : F2D1-DSC / F2D2-DSC								
Mode of S		: Part Time						
	•	Key Conta	cts					
	Designation	Na			Contact	Email		
Programn	ne Director	Dr. Hind Zantout			h.zantout@hw.a			
	on Coordinator	Dr Ryad Soobhany			r.soobhany@hw.ac.uk			
Course Code	Course Title	,	Mandatory /Optional	Yea		Semester Dates		
		New Stude	ents					
		Stage 1 – Firs	t Year					
	Janua	ary Semester - Regis		ses				
F21BD	Big Data Management		Mandatory	1				
F21DV	Data Visualisation and Anal	ytics	Mandatory	1		Jan 2024		
F21AO	Applied Development and (Operations	Optional	1	January	to		
F21AS	Advanced Software Enginee	ering	Optional	1	Semester	May 2024		
F21AA	Applied Text Analytics		Optional	1				
F21DE	Digital and Knowledge Ecor	nomy	Optional	1				
	Septen	nber Semester – Reg	ister 2 or 3 Cou	ırses				
F21DL	Data Mining & Machine Lea	Mandatory	1					
F21SA	Statistical Modelling and Ar	Mandatory	1		Sept 2024			
F21BC	Biologically Inspired Compu	Optional	1	September	to			
F21CN	Computer Network Security	Optional	1	Semester	Dec 2024			
F21SC	Industrial Programming	Optional	1					
		Continuing St	udents					
		Stage 1 – Seco	nd Year					
	January Semester - R	egister F21RP and 1 be completing 8 tau						
F21RP	Research Methods and Proj		Mandatory	2				
F21BD	Big Data Management	Jeet Flamming	Mandatory	2				
F21DV	Data Visualisation and Anal	vtics	Mandatory	2		Jan 2024		
F21AO	Applied Development and (Optional	2	January	to		
F21AS	Advanced Software Engineer	•	Optional	2	Semester	May 2024		
F21AA	Applied Text Analytics		Optional	2		,		
F21DE	Digital and Knowledge Ecor	nomy	Optional	2				
	May Semester - 1 M	andatory Course [A	pplicable to ON	LY M	Sc Students]			
	(Register ONL	Y on successful comp	oletion of 8 tau	ght c	ourses			
F21MP	MSc Project & Dissertation		Mandatory	2	May Semester	Jun 2024 to Dissertation Deadline		
Note:								
• Ja	nuary intake students need to	carefully consider t	heir courses se	quen	cing to complete t	heir		
pr	ogramme in 2 years.							

- Students will be eligible to register in F21RP ONLY on successful completion of 7 courses or being registered to complete 7 courses with F21RP being the 8th course in their final taught semester. For most part-time students this will be during their second year of studies.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.
- Student should complete 5 Mandatory and 3 Optional courses to be eligible for F21MP registration.

MSc / Postgraduate Diploma Network Security

Programn	ne Name	:	MSc / Postgradua	ite Diploma N	etwo	rk Security				
Programn	gramme Code : F2N3-CNS / F2N2-CNS									
Mode of S	Study : Part Time									
			Key Contac	ts						
	Designation		Nam	ne		Cont	act	Email		
Programn	ne Director	D	r Hani Ragab Hasse	n		h.ragabhassen@hw.ac.uk				
Dissertati	on Coordinator	D	r Ryad Soobhany			r.soobhany@hw.ac.uk				
Course Code	Course Title			Mandatory /Optional	Yea	r Semester		Semester Dates		
			New Studer	nts						
			Stage 1 – First	Year						
	Janua	ry	Semester - Registe	er 2 or 3 Cours	es					
F21AN	Advanced Network Security			Mandatory	1					
F21FO	Digital Forensics			Mandatory	1			Jan 2024		
F21AO	Applied Development and O	ре	rations (DevOps)	Optional	1	January	/	to		
F21AS	Advanced Software Enginee	rin	g	Optional	1	Semeste	er	May 2024		
F21BD	Big Data Management			Optional	1					
C11PA	Project Management			Optional	1					
	Septem	be	r Semester – Regis	ster 2 or 3 Cou	ırses					
F21CN	Computer Network Security			Mandatory	1					
F21DF	Databases and Information Systems			Optional	1		September Semester	Sept 2024 to Dec 2024		
F21DL	Data Mining and Machine Learning			Optional	1	Septemb				
F21RS	Rigorous Methods for Software Engineering			Optional	1	Semeste				
F21SC	Industrial Programming	Optional	1			DCC 2024				
F21SF	Software Engineering Found	Optional	1							
			Continuing Stu	dents						
			Stage 1 – Secon	d Year						
	January Semester - Re	egi			y/Op	tional Course				
		_	completing 8 taug							
F21AN	Advanced Network Security			Mandatory	2					
F21FO	Digital Forensics			Mandatory	2					
F21RP	Research Methods & Project	t P	lanning**	Mandatory	2			Jan 2024		
F21AO	Applied Development and O	ре	erations (DevOps)	Optional	2	January	/	to		
F21AS	Advanced Software Enginee	rin	g	Optional	2	Semeste	er	May 2023		
F21BD	Big Data Management			Optional	2					
C11PA	Project Management			Optional	2		7			
	May Semester - 1 Ma	an	datory Course [Ap	plicable to ON	LY M	Sc Students]				
	(Register ONLY	Y o	n successful compl	etion of 8 tau	ght c	ourses				
F21MP	MSc Project & Dissertation			Mandatory	2			Jun 2024		
						May		to		
						Semeste	er	Dissertation Deadline		
Note:	•			•	•	•		•		

- January intake students need to carefully consider their courses sequencing to complete their programme in 2 years.
- Students will be eligible to register in F21RP ONLY on successful completion of 7 courses or being registered to complete 7 courses with F21RP being the 8th course in their final taught semester. For most part-time students this will be during their second year of studies.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.
- Student should complete 4 Mandatory and 4 Optional courses to be eligible for F21MP registration.

MSc / Postgraduate Diploma Software Engineering

Programme Code : F2S7-SOE / F2S5-SOE								
Mode of		-						
	· ·	Key Contac	cts					
	Designation	Name			Conta	act Email		
Programr	me Director Dr. Abrar Ull	ah		<u>k</u>				
Dissertati	ion Coordinator Dr Ryad Sook	ohany		<u>r.s</u>	r.soobhany@hw.ac.uk			
Course Code	Course Title		Mandatory 'Optional	Year	Semester	Semester Dates		
	N	ew Stude	ents					
	Stag	ge 1 – First	t Year					
	January Semest	ter - Regist	ter 2 or 3 Co	urses				
21AS	Advanced Software Engineering	N	Mandatory	1				
21BD	Big Data Management	C	Optional	1		Jan 2024		
21AD	Advanced Interaction Design	C	Optional	1	January	to		
F21AO	Applied Development and Operations (De	evOps) C	Optional	1	Semester	May 2024		
F21GP	Computer Games Programming	(Optional	1				
F21AN	Advanced Network Security	(Optional	1				
	September Seme	ster – Reg	ister 2 or 3	Courses				
F21RS	Rigorous Methods for Software Engineeri	ng N	Mandatory	1	_			
F21SC	Industrial Programming	N	Mandatory	1		Sept 2024 to		
F21BC	Biologically Inspired Computation	C	Optional	1	September			
F21GA	3D Graphics and Animation	C	Optional	1	Semester	Dec 2024		
F21DL	Data Mining and Machine Learning	C	Optional	1		DCC 2024		
F21SP	Systems Programming		Optional	1				
	Cont	inuing Stu	udents					
	Stage	1 – Secor	nd Year					
	January Semester - Register F21F				•			
	[Student should be comple		-	by this s	emester]	1		
F21AS	Advanced Software Engineering		Mandatory	2				
F21RP	Research Methods & Project Planning		Mandatory	2				
F21BD	Big Data Management		Optional	2		Jan 2024		
F21AD	Advanced Interaction Design		Optional	2	January	to		
F21AO	Applied Development and Operations (De		Optional	2	Semester	May 2024		
F21GP	Computer Games Programming		Optional	2				
F21AN	Advanced Network Security		Optional	2				
	May Semester - 1 Mandatory (_			
	(Register ONLY on succe			1	ourses	I		
	MSc Project & Dissertation	l V	Mandatory	2		Jun 2024		
F21MP	1			I	May	to Dissertation		
F21MP					Semester	Deadline		

- Students will be eligible to register in F21RP ONLY on successful completion of 7 courses or being registered to complete 7 courses with F21RP being the 8th course in their final taught semester. For most part-time students this will be during their second year of studies.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.
- Student should complete 4 Mandatory and 4 Optional courses to be eligible for F21MP registration.

MSc / Postgraduate Diploma Information Technology (Software Systems)

Programm	ogramme Name : MSc / Postgraduate Diploma Information Technology (Software Systems)								
Programm	Programme Code : F2EG-ITS								
Mode of Study : Part Time									
Wiode of 3	tudy	•		••					
	Designation		Key Contac				Contact	Funcil	
Designation Name Contact Email									
	ne Director	_	avyan Karim				k.karim@hw.ac.uk r.soobhany@hw.ac.uk		
	on Coordinator Course Title	U	r Ryad Soobhany	Mandatary	Voc		any <u>wnw.</u> ester	Semester	
Course Code	Course Title			Mandatory /Optional	Yea	i sem	ester	Dates	
Code			Now Studen			_	_	Dates	
			New Studer						
			Stage 1 – First						
F24.4.D			Semester - Registo		1				
F21AD	Advanced Interaction Desig			Optional	1			lan 2024	
F21AS	Advanced Software Enginee			Optional	1	— .		Jan 2024	
F21GP	Computer Games Programm		_	Optional	1		nuary	to	
F21DV	Data Visualisation and Anal	yti	CS	Optional	1	Sei	mester	May 2024	
F21EC	e-Commerce Technology	_		Optional	1				
			er Semester – Regis		1			I	
F21DF	Databases and Information		stems	Mandatory	1				
F21CN	Computer Network Security			Optional	1		Sept 2024		
F21GA	3D Graphics and Animation			Optional	1			to Dec 2024	
F21RO	Intelligent Robotics			Optional	1		tember		
F21SC	Industrial Programming			Optional	1	Sei	mester		
F21SF	21SF Software Engineering Foundations			Optional	1				
			Continuing Stu	dents					
			Stage 1 – Secon	d Year					
	•		r - Register F21RP a	•			1		
F21RP	Research Methods and Proj			Mandatory	2		_		
F21AD	Advanced Interaction Desig			Optional	2				
F21AS	Advanced Software Enginee		ng	Optional	2			Jan 2024	
F21GP	Computer Games Programs		•	Optional	2	Ja	nuary	to	
F21DV	Data Visualisation and Anal		<u> </u>	Optional	2	Sei	mester	May 2024	
F21EC	e-Commerce Technology			Optional	2				
	May Semester - 1 M (Register ONL		datory Course [Ap				nts]		
F21MP	MSc Project & Dissertation			Mandatory	2		May mester	Jun 2024 to Dissertation Deadline	
	nuary intake students need to ogramme in 2 years.	o ca	arefully consider th	eir courses sec	quen	cing to co	omplete t	heir	

- Students will be eligible to register in F21RP ONLY on successful completion of 7 courses or being registered to complete 7 courses with F21RP being the 8th course in their final taught semester. For most part-time students this will be during their second year of studies.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.
- Student should complete 2 Mandatory and 6 Optional courses to be eligible for F21MP registration.

MSc / Postgraduate Diploma Information Technology (Business)

Programme Name : MSc / Postgraduate Diploma Information Technology (Business)									
Programme Code : F2CG-ITB / F2CH-ITB									
Mode of S			Time						
Key Contacts									
Designation Name Contact Email									
Programm		Nasredi	dine Megrez			n.megrez@hw.ac.uk			
	on Coordinator		I Soobhany			r.soobhany@hw.			
Course	Course Title	Di Nyac	Soobhany	Mandatory	Yea		Semester		
Code	Course Title			/Optional	Tea	Jemester	Dates		
			New Stude						
		C	tage 1 – First						
	lanı			er 2 or 3 Cour	Ses				
F21BD	Big Data Management	, 5 0.111		Optional	1				
F21EC	e-Commerce Technology			Optional	1	January	Jan 2024		
				ориона:	1		to		
C11PA	Project Management			Optional	_		May 2024		
	Septer	nber Ser	nester – Regi	ister 2 or 3 Co	urses	-	-		
F21DF	Databases and Information		Mandatory	1					
F21IF	Information Systems Metho	Optional	1		Cont 2024				
F21SA	Statistical Modelling and Ar		Optional	1		Sept 2024			
F21SF	Software Engineering Found		Optional	1	September	to Dec 2024			
C11CS	Competitive Strategy	Optional	1		DEC 2024				
C11IV	Strategic Innovation Mgt			Optional	1				
		Co	ntinuing Stu	ıdents					
		Sta	age 1 – Secon	d Year					
	January Seme	ster - Re	gister F21RP	and 1 or 2 Op	tional	Course			
	[Student should	be comp	oleting 8 taug	tht courses by	this	semester]			
F21RP	Research Methods and Proj	ect Planı	ning	Mandatory	2				
F21BD	Big Data Management			Optional	2		Jan 2024		
F21EC	e-Commerce Technology			Optional	2		to		
04404					2	January	May 2024		
C11PA	Project Management		Optional	11.37.8	**************************************				
	May Semester - 1 N		•	plicable to Of eletion of 8 tai		——————————————————————————————————————			
F21MP	MSc Project & Dissertation	. i oii sut	cessjui comp	Mandatory	2 2	.001363	Jun 2024		
1 2 1 1 1 1 1	ivise i roject & Dissertation			ivialidatoly	_	May	to		
						ividy	Dissertation		
							Deadline		
Note:				1	1	I	_		

- January intake students need to carefully consider their courses sequencing to complete their programme in 2 years.
- Students will be eligible to register in F21RP ONLY on successful completion of 7 courses or being registered to complete 7 courses with F21RP being the 8th course in their final taught semester. For most part-time students this will be during their second year of studies.

- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.
- Student should complete 2 Mandatory and 6 Optional courses to be eligible for F21MP registration.