

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

Academic Year 202425

Academic Year Calendar for 202425

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

Programme List

MSc / Postgraduate Diploma Artificial Intelligence	3
Full Time	3
Part Time	
New Students	
Continuing Students	
MSc / Postgraduate Diploma Data Science	6
Full Time	6
Part Time	
New Students	
Continuing Students	
MSc Information Technology (Business)	<u>.</u>
Full Time	<u>C</u>
Part Time	
New Students	
Continuing Students	
MSc Information Technology (Software Systems)	12
Full Time	12
Part Time	
New Students	
Continuing Students	
MSc / Postgraduate Diploma Network Security	
Full Time	
Part Time	
New Students	
Continuing Students	
MSc Software Engineering	
Full Time	18
Part Time	
New Students	
Continuing Students	

MSc / Postgraduate Diploma Artificial Intelligence

Programme Name	:	MSc Artificial Intelligence
Programme Code	:	F2Z7-ARI
Mode of Study	:	Full Time

Key Contacts					
Designation	Name	Contact Email			
Programme Director	Dr Neamat El Gayar	n.elgayar@hw.ac.uk			
Dissertation Coordinator	Dr Claudio Zito	c zito@hw ac uk			

	Di Ciaddio Zito		C.ZIU	ownw.ac.uk	
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
	September Semester - 2 Mandatory	nal Cou	ırses		
F21DL	Data Mining & Machine Learning	Mandatory	1	September	
F21BC	Biologically inspired Computation	Mandatory	1	September	Cont 2024
F21GA	3D Graphics and Animation	Optional	1	September	Sept 2024 to
F21RO	Intelligent Robotics	Optional	1	September	Dec 2024
F21SF	Software Engineering Foundations	Optional	1	September	Dec 2024
F29AI	Artificial intelligence & Intelligent Agents	Optional	1	September	
January Semester – 1 Mandatory and 3 Optional Courses					
F21RP	Research Methods and Project Planning	Mandatory	1	January	
F21AA	Applied Text Analytics	Optional	1	January	
F21AD	Advanced Interaction Design	Optional	1	January	Jan 2025
F21AO	Applied Development and Operations (DevOps)	Optional	1	January	to
F21AS	Advanced Software Engineering	Optional	1	January	Apr 2025
F21BD	Big Data Management	Optional	1	January	
F21GP	Computer Games Programming	Optional	1	January	
May Semester – 1 Mandatory Course [Applicable to ONLY MSc Students] (To be registered on successful completion of above 8 taught courses)					
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025
					to
					Aug 2025

- Submission of Mitigating Circumstances [MC] request due to employment workload by full time students will NOT be considered as an acceptable reason. Students with full time employment are encouraged to choose Part time study mode.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.

Programn	ne Name	:	MSc Artificial Inte	elligence			
Programn		F2Z7-ARI					
Mode of S		:	Part Time				
	Key Contacts						
	Designation		Nam	e		Contact	Email
Programn	ne Director	Dr	Neamat El Gayar			n.elgayar@hw.ac	.uk
Dissertati	on Coordinator	Dr	Claudio Zito			c.zito@hw.ac.uk	
Course Code	Course Title			Mandatory /Optional	Yea	ar Semester	Semester Dates
	New Students						
0 1 1			Stage 1 – Firs				
Septemb	oer Semester - Register 2	Ma	indatory OR 1 M	andatory & 1	Opt	tional OR 2 Option	onal Courses
F21DL	Data Mining & Machine Le	arni	ng	Mandatory	1	September	
F21BC	Biologically inspired Comp		ion	Mandatory	1	September	Sept 2024
F21GA	3D Graphics and Animation	1		Optional	1	September	to
F21RO	Intelligent Robotics			Optional	1	September	Dec 2024
F21SF	Software Engineering Foun			Optional	1	September	DCC 2024
F29AI	·	Artificial intelligence & Intelligent Agents			1	September	
		Sei	nester – Registe	r 2 Optional Optional	Cou	rses	
F21AA	Applied Text Analytics	Applied Text Analytics			1	January	
F21AD	Advanced Interaction Design			Optional	1	January	Jan 2025
F21AO	Applied Development and	Optional	1	January	to		
F21AS	Advanced Software Engineering			Optional	1	January	Apr 2025
F21BD	Big Data Management			Optional	1	January	7.pr 2023
F21GP	P Computer Games Programming			Optional	1	January	
			Continuing St	udents			
			Stage 1 – Seco				
[F	per Semester - Register 2 Register Mandatory Cours	ses	if you have not i	registered it	duri	ng First Year of	
F21DL	Data Mining & Machine Le			Mandatory	1	September	4
F21BC	Biologically inspired Compu		ion	Mandatory	1	September	Sept 2024
F21GA	3D Graphics and Animation	<u>1</u>		Optional	1	September	to
F21RO	Intelligent Robotics			Optional	1	September	Dec 2024
F21SF	Software Engineering Foun			Optional	1	September	_
F29AI	Artificial intelligence & Inte			Optional	1	September	
	January Seme	este	er – Register F21	RP and 1 Op	otion	ai Course	
F21RP	Research Methods and Pro	ject	Planning	Mandatory	1	January	
F21AA	Applied Text Analytics			Optional	1	January	
F21AD	Advanced Interaction Design	gn		Optional	1	January	Jan 2025
F21AO	Applied Development and	Оре	rations (DevOps)	Optional	1	January	to
F21AS	Advanced Software Engine	erin	g	Optional	1	January	Apr 2025
F21BD	Big Data Management			Optional	1	January	
	<u> </u>			Ориона		January	

	May Semester – 1 Mandatory Course [(Register on successful comp	• •			1
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline

- Part time students can register 1 or 2 courses per semester. Students are encouraged to meet their Personal Tutor or Programme Director if they wish to choose more than 2 courses in a semester.
- January intake students need to carefully consider their courses sequencing and are advised to consult with their Personal Tutor or Programme Director.
- 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.

MSc / Postgraduate Diploma Data Science

Programme Name	:	MSc Data Science
Programme Code	:	F2D1-DSC
Mode of Study	:	Full Time

Key Contacts					
Designation	Name	Contact Email			
Programme Director	Prof Hind Zantout	h.zantout@hw.ac.uk			
Dissertation Coordinator	Dr Claudio Zito	c.zito@hw.ac.uk			

	Di Ciaddio Zito		<u>c.</u>	ZILU@TIW.ac.uk	
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
September Semester - 2 Mandatory and 2 Optional Courses					
F21DL	Data Mining & Machine Learning	Mandatory	1	September	
F21SA	Statistical Modelling and Analysis	Mandatory	1	September	
F21BC	Biologically Inspired Computation	Optional	1	September	Sept 2024
F21CN	Computer Network Security	Optional	1	September	to
F21SC	Industrial Programming	Optional	1	September	Dec 2024
F21SF	Software Engineering Foundations	Optional	1	September	
January Semester – 3 Mandatory and 1 Optional Courses					
F21RP	Research Methods and Project Planning	Mandatory	1	January	
F21BD	Big Data Management	Mandatory	1	January	
F21DV	Data Visualisation and Analytics	Mandatory	1	January	Jan 2025
F21AO	Applied Development and Operations	Optional	1	January	to
F21AS	Advanced Software Engineering	Optional	1	January	Apr 2025
F21AA	Applied Text Analytics	Optional	1	January	
F21DE	Digital and Knowledge Economy	Optional	1	January	
	May Semester – 1 Mandatory Course [/	Applicable to	ONLY	MSc Students	s]
	(Register ONLY on successful comp	letion of abo	ve 8 ta	ught courses)	
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025
					to
					Aug 2025

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- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.

	ear	Year	Contact I h.zantout@hw.a c.zito@hw.ac.uk r Semester	<u>ıc.uk</u>
Rey Contacts Designation Programme Director Prof Hind Zantout Dissertation Coordinator Course Code New Students Stage 1 – First Ye September Semester - Register 2 Mandatory OR 1 M	Optional ear	Year	h.zantout@hw.a c.zito@hw.ac.uk	Semester
Programme Director Dissertation Coordinator Course Code Code New Students Stage 1 – First Ye September Semester - Register 2 Mandatory OR 1 Merels	Optional ear	Year	h.zantout@hw.a c.zito@hw.ac.uk	Semester
Programme Director Dissertation Coordinator Course Code Code New Students Stage 1 – First Ye September Semester - Register 2 Mandatory OR 1 M	Optional ear	Year	h.zantout@hw.a c.zito@hw.ac.uk	Semester
Dissertation Coordinator Course Code Cod	Optional ear	Year	c.zito@hw.ac.uk	Semester
Course Code Code Code New Students Stage 1 – First Ye September Semester - Register 2 Mandatory OR 1 M	Optional ear	Year		Semester
New Students Stage 1 – First Ye September Semester - Register 2 Mandatory OR 1 M	Optional ear		Semester	
Stage 1 – First Ye September Semester - Register 2 Mandatory OR 1 M	ear	2.4.0		
September Semester - Register 2 Mandatory OR 1 M		2.4.0		
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		x 1 U	ptional OR 2 C	Эриопаі
F21DL Data Mining & Machine Learning M	/landatory	1	September	
	/landatory	1	September	Comt 2024
F21BC Biologically Inspired Computation O)ptional	1	September	Sept 2024 to
F21CN Computer Network Security O	Optional	1	September	Dec 2024
	Optional	1	September	Dec 2024
F21SF Software Engineering Foundations O January Semester – Register 2 Mandatory OR 1 Ma	Optional	1	September	<u> </u>
F21BD Big Data Management M	/Jandatory	1	January	
	/landatory	1	January	I
,	Optional	1	January	Jan 2025
	ptional	1	January	to
	ptional	1	January	Apr 2025
	ptional	1	January	
Continuing Studer	nts		,	
Stage 1 – Second Y				
September Semester - Register 2 Mandatory OR 1 M Courses	landatory 8	& 1 O	ptional OR 2 (Optional
[Register Mandatory Courses if you have not regis				Study]
	/landatory	1	September	I
·	/landatory	1	September	Sept 2024
	Optional	1	September	to
·	Optional	1	September	Dec 2024
	Optional	1	September	
	Optional	1 (Ont	September	
January Semester – Register F21RP and 1 [Register Mandatory Courses if you have not regis	_	-		Study1
	/Jandatory	1	January	
, ,	//andatory	1	January	Jan 2025
	/landatory	1	January	to
·	ptional	1	January	Apr 2025

F21AS	Advanced Software Engineering	Optional	1	January	
F21AA	Applied Text Analytics	Optional	1	January	
F21DE	Digital and Knowledge Economy	Optional	1	January	
	May Semester – 1 Mandatory Course [Ap	plicable to O	NLY M	Sc Students]	
	(Register ONLY on successful comp	oletion of 8 to	aught d	courses	
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025
					to
					Dissertation
					Deadline

- Part time students can register 1 or 2 courses per semester. Students are encouraged to meet their Personal Tutor or Programme Director if they wish to choose more than 2 courses in a semester.
- January intake students need to carefully consider their courses sequencing and are advised to consult with their Personal Tutor or Programme Director.
- 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.

MSc Information Technology (Business)

Programme Name	:	MSc Information Technology (Business)
Programme Code	••	F2CG-ITB
Mode of Study	:	Full Time

Key Contacts					
Designation Name Contact Email					
Programme Director	Dr Nasreddine Megrez	n.megrez@hw.ac.uk			
Dissertation Coordinator	Dr Claudio Zito	c.zito@hw.ac.uk			

Course Code	Course Title	Mandatory/ Optional	Year	Semester	Semester Dates				
	September Semester - 1 Mandator	y and 3 Optio	nal Co	urses					
F21DF	Databases and Information Systems	Mandatory	1	September					
F21IF	Information Systems Methodologies	Optional	1	September	Sont 2024				
F21SA	Statistical Modelling and Analysis	Optional	1	September	Sept 2024 to				
F21SF	Software Engineering Foundations	Optional	1	September	Dec 2024				
C11CS	Competitive Strategy	Optional	1	September	DCC 2024				
C11IV	Strategic Innovation Mgt	Optional	1	September					
	January Semester – 2 Mandatory	and 2 Option	al Cou	rses					
F21RP	Research Methods and Project Planning	Mandatory	1	January					
F21DE	Digital and Knowledge Economy	Mandatory	1	January	Jan 2025				
F21BD	Big Data Management	Optional	1	January	to				
F21EC	e-Commerce Technology	Optional	1	January	Apr 2025				
C11DA	Digital Marketing Analytics	Optional	1	January	Αρι 2023				
C11PA	Project Management	Optional	1	January					
	May Semester – 1 Mandatory Course [Ap	plicable to Ol	NLY MS	Sc Students]					
	(To be registered on successful completion of above 8 taught courses)								
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025				
					to				
					Aug 2025				

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Programn	me Name	:	MSc Information Te	echnology (Business	s)				
Programn	Programme Code : F2CG-ITB								
Mode of S	Study	:	Part Time						
	Key Contacts								
	Designation			Name		Contact	Email		
Programm	ne Director		Dr Nasreddine	Megrez		n.megrez@hw.ac	<u>uk</u>		
Dissertation	on Coordinator		Dr Claudio Zito			c.zito@hw.ac.uk			
Course Code	Co	Course Title			Yea	ar Semester	Semester Dates		
				tudents					
			Stage 1 -	- First Year					
,	September Semest	er ·	- Register 2 Option	nal OR 1 Mandato	ory &	1 Optional Cou	ırses		
F21DF	Databases and Infor	rma	tion Systems	Mandatory	1	September			
F21IF	Information System	ıs N	lethodologies	Optional	1	September	Sept 2024		
F21SA	Statistical Modelling	g ar	d Analysis	Optional	1	September	to		
F21SF	Software Engineering	ng F	oundations	Optional	1	September	Dec 2024		
C11CS	Competitive Strateg	gy		Optional	1	September			
C11IV	Strategic Innovation		_	Optional	1	September			
January	Semester - Regist	ter	for 2 Optional OR	1 Mandatory & 1	Opti	onal OR 2 Option	nal Courses		
F21DE	Digital and Knowled		Economy	Mandatory	1	January	Jan 2025		
F21BD	Big Data Manageme			Optional	1	January	to		
F21EC	e-Commerce Techno		•	Optional	1	January	Apr 2025		
C11DA	Digital Marketing A		rtics	Optional	1	January	7.15. 2023		
C11PA	Project Managemer	nt		Optional	1	January			
			Continuin	ng Students					
			Stage 1 – S	Second Year					
September Semester - Register 2 Optional OR 1 Mandatory & 1 Optional Course(s) [Register Mandatory Courses if you have not registered it during First Year of Study]									
[R	legister Mandatory	Со	Register 2 Option urses if you have	al OR 1 Mandato not registered it	durir	ng First Year of			
[R	Databases and Infor	Co rma	Register 2 Option urses if you have tion Systems	al OR 1 Mandato not registered it Mandatory	durir 1	September			
F21DF F21IF	Databases and Information System	rma	Register 2 Option urses if you have tion Systems lethodologies	al OR 1 Mandato not registered it Mandatory Optional	durir 1 1	September September	Study]		
F21DF F21IF F21SA	Databases and Information System Statistical Modelling	rmans N	Register 2 Option urses if you have tion Systems lethodologies and Analysis	al OR 1 Mandato not registered it Mandatory Optional Optional	durir 1 1	September September September September			
F21DF F21IF F21SA F21SF	Databases and Information System Statistical Modelling Software Engineerir	rmans Magar	Register 2 Option urses if you have tion Systems lethodologies and Analysis	al OR 1 Mandato not registered it Mandatory Optional Optional Optional	durir 1 1 1 1	September September September September September	Study] Sept 2024		
F21DF F21IF F21SA F21SF C11CS	Databases and Information System Statistical Modelling Software Engineering Competitive Strateg	rmans Magar	Register 2 Option urses if you have tion Systems lethodologies ad Analysis oundations	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional	1 1 1 1 1	September September September September September September September	Study] Sept 2024 to		
F21DF F21IF F21SA F21SF	Databases and Information System Statistical Modelling Software Engineerir Competitive Strateg Entrepreneurial Ver	rmans Nong ar	Register 2 Option urses if you have tion Systems lethodologies and Analysis oundations	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	September September September September September September September September	Study] Sept 2024 to		
F21DF F21IF F21SA F21SF C11CS C11IV	Databases and Information System Statistical Modelling Software Engineerir Competitive Strateg Entrepreneurial Ver January Seme	rmans Manager Front Property Control of the Control	Register 2 Option urses if you have tion Systems lethodologies and Analysis oundations	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional Optional P and 1 Mandato	1 1 1 1 1 1 pry/O	September September September September September September September September ptional course	Study] Sept 2024 to Dec 2024		
F21DF F21IF F21SA F21SF C11CS C11IV	Databases and Information System Statistical Modelling Software Engineering Competitive Strateg Entrepreneurial Ver January Seme	rmas M g ar ng F Sy ntui	Register 2 Option urses if you have tion Systems lethodologies of Analysis oundations ring er - Register F21R urses if you have	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional P and 1 Mandato not registered it	1 1 1 1 1 1 cry/O	September September September September September September September September ptional course g First Year of	Study] Sept 2024 to Dec 2024		
F21DF F21IF F21SA F21SF C11CS C11IV	Databases and Information System Statistical Modelling Software Engineerir Competitive Strateg Entrepreneurial Ver January Seme	rmans Manager arrows Figure 1997 and 19	Register 2 Option urses if you have tion Systems lethodologies and Analysis oundations ring er - Register F21R urses if you have Project Planning	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional P and 1 Mandato not registered it Mandatory	1 1 1 1 1 2 ry/O durir 1	September September September September September September September September January	Study] Sept 2024 to Dec 2024 Study]		
F21DF F21IF F21SA F21SF C11CS C11IV [R F21RP F21DE	Databases and Information System Statistical Modelling Software Engineerir Competitive Strateg Entrepreneurial Ver January Seme Register Mandatory Research Methods a Digital and Knowled	rma is M g ar ng F gy ntui est Co and	Register 2 Option urses if you have tion Systems lethodologies and Analysis oundations ring er - Register F21R urses if you have Project Planning	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional P and 1 Mandato not registered it Mandatory Mandatory	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	September September September September September September September September January January January	Study] Sept 2024 to Dec 2024 Study] Jan 2025		
F21DF F21IF F21SA F21SF C11CS C11IV [R F21RP F21DE F21BD	Databases and Information System Statistical Modelling Software Engineering Competitive Strateg Entrepreneurial Ver January Seme Register Mandatory Research Methods and Digital and Knowled Big Data Management	rmas M g ar ng F gy ntui est Co and	Register 2 Option urses if you have tion Systems lethodologies oundations ring er - Register F21R urses if you have Project Planning Economy	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional P and 1 Mandato not registered it Mandatory Mandatory Optional	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	September September September September September September September September January January January January	Study] Sept 2024 to Dec 2024 Study] Jan 2025 to		
F21DF F21IF F21SA F21SF C11CS C11IV [R F21RP F21DE	Databases and Information System Statistical Modelling Software Engineerir Competitive Strateg Entrepreneurial Ver January Seme Register Mandatory Research Methods a Digital and Knowled	rmans My g armg F Co and dige ent	Register 2 Option urses if you have tion Systems lethodologies and Analysis oundations ring er - Register F21R urses if you have Project Planning Economy	al OR 1 Mandato not registered it Mandatory Optional Optional Optional Optional Optional P and 1 Mandato not registered it Mandatory Mandatory	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	September September September September September September September September January January January	Study] Sept 2024 to Dec 2024 Study] Jan 2025		

May Semester – 1 Mandatory Course [Applicable to ONLY MSc Students] (Register on successful completion of 8 taught courses							
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline		

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MSc Information Technology (Software Systems)

Programme Name	••	MSc Information Technology (Software Systems)
Programme Code	••	F2EG-ITS
Mode of Study	:	Full Time

Key Contacts						
Designation Name Contact Email						
Programme Director	Mr Kayvan Karim	k.karim@hw.ac.uk				
Dissertation Coordinator	Dr Claudio Zito	c.zito@hw.ac.uk				

Course	Course Title	Mandatory	Year	Semester	Semester				
Code		/Optional			Dates				
	September Semester - 1 Mandato	ry and 3 Opt	ional C	ourses					
F21DF	Databases and Information Systems	Mandatory	1	September					
F21CN	Computer Network Security	Optional	1	September	Sont 2024				
F21GA	3D Graphics and Animation	Optional	1	September	Sept 2024 to				
F21RO	Intelligent Robotics	Optional	1	September	Dec 2024				
F21SC	Industrial Programming	Optional	1	September	Dec 2024				
F21SF	Software Engineering Foundations	Optional	1	September					
	January Semester – 1 Mandatory and 3 Optional Course								
F21RP	Research Methods and Project Planning	Mandatory	1	January					
F21AD	Advanced Interaction Design	Optional	1	January	Jan 2025				
F21AS	Advanced Software Engineering	Optional	1	January	to				
F21GP	Computer Games Programming	Optional	1	January	Apr 2025				
F21DV	Data Visualisation and Analytics	Optional	1	January	Αρι 2023				
F21EC	e-Commerce Technology	Optional	1	January					
	May Semester – 1 Mandatory Course [A	oplicable to	ONLY N	ISc Students	[]				
	(To be registered on successful completion of above 8 taught courses)								
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to				
					Aug 2025				

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Programn	ne Name	:	MSc Information Techno	ology (Softwar	e Svster	ns)	
Programn		:	F2EG-ITS		, , , , , , , ,	,	
Mode of S		:	Part Time				
			Key Contac	cts			
	Designation		Name			Contact Er	mail
Programm	ne Director		Mr Kayvan Karim		k.karir	n@hw.ac.uk	
Dissertation	on Coordinator		Dr Claudio Zito		c zito(hw.ac.uk	
Course	Course Title		Di Giadalo Eleo	Mandatory	Year	1	Semester
Code				/Optional			Dates
			New Stude	ents			
			Stage 1 – Firs	t Year			
S	September Semeste	r -	Register 2 Optional C	R 1 Mandato	ry & 1	Optional Cou	ırses
						September	
F21DF	Databases and Inform			Mandatory	1		1
F21CN	Computer Network S	_	•	Optional	1	September	Sept 2024
F21GA	3D Graphics and Anii	ma	ation	Optional	1	September	to
F21RO	Intelligent Robotics			Optional	1	September	Dec 2024
F21SC	Industrial Programm	_		Optional	1	September	
F21SF	Software Engineering			Optional	1	September	
	Janı	ua	ry Semester – Registe	r 2 Optional	Course	es	
F21AD	Advanced Interaction	n [Design	Optional	1	January	
F21AS	Advanced Software I	En	gineering	Optional	1	January	Jan 2025
F21GP	Computer Games Pro	og	ramming	Optional	1	January	to
F21DV	Data Visualisation an	nd .	Analytics	Optional	1	January	Apr 2025
F21EC	e-Commerce Techno	lo	gy	Optional	1	January	
			Continuing St	udents			
			Stage 1 – Seco				
S [Re	September Semeste egister Mandatory C	r -	Register 2 Optional Curses if you have not i	R 1 Mandato egistered it	ory & 1 during	Optional Cou First Year of	ırses Study]
F21DF	Databases and Inform	ma	tion Systems	Mandatory	1	September	
F21CN	Computer Network S			Optional	1	September	1
F21GA	3D Graphics and Ani		•	Optional	1	September	Sept 2024
F21RO	Intelligent Robotics			Optional	1	September	to
F21SC	Industrial Programm	ing		Optional	1	September	Dec 2024
F21SF	Software Engineering	_		Optional	1	September	1
			mester - Register F21	RP and 1 Op	tional o	<u> </u>	
F21RP	Research Methods a	nd	Project Planning	Mandatory	1	January	
F21AD	Advanced Interaction		•	Optional	1	January	1
F21AS	Advanced Software I		Optional	1	January	Jan 2025	
F21GP	Computer Games Pro		•	Optional	1	January	to
F21DV	Data Visualisation an	_		Optional	1	January	Apr 2025
F21EC	e-Commerce Techno			Optional	1	January	1
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May Semester – 1 Mandatory Course [Applicable to ONLY MSc Students] (Register on successful completion of 8 taught courses							
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline		

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- January intake students need to carefully consider their courses sequencing and are advised to consult with their Personal Tutor or Programme Director.
- 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.

MSc / Postgraduate Diploma Network Security

Programme Name	:	MSc Network Security
Programme Code	:	F2N3-CNS
Mode of Study	:	Full Time

Key Contacts						
Designation Name Contact Email						
Programme Director	Dr Hani Ragab Hassen	h.ragabhassen@hw.ac.uk				
Dissertation Coordinator	Dr Claudio Zito	c.zito@hw.ac.uk				

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
	September Semester - 1 Mandatory	and 3 Optio	nal Co	urse(s)	
F21CN	Computer Network Security	Mandatory	1	September	
F21DF	Database and Information Systems	Optional	1	September	Cont 2024
F21DL	Data Mining and Machine Learning	Optional	1	September	Sept 2024
F21RS	Rigorous Method for Software Engineering	Optional	1	September	to Dec 2024
F21SC	Industrial Programming	Optional	1	September	Dec 2024
F21SF	Software Engineering Foundations	Optional	1	September	
	January Semester – 3 Mandatory a	and 1 Option	al Cou	rse(s)	
F21RP	Research Methods and Project Planning	Mandatory	1	January	
F21AN	Advanced Network Security	Mandatory	1	January	
F21FO	Digital Forensics	Mandatory	1	January	Jan 2025
F21AO	Applied Development and Operations	Optional	1	January	to
F21AS	Advanced Software Engineering	Optional	1	January	Apr 2025
F21BD	Big Data Management	Optional	1	January	
C11PA	Project Management	Optional	1	January	
	May Semester – 1 Mandatory Course [Ap			_	
	(To be registered on successful complete	ion of above	8 taug	tht courses)	
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to
					Aug 2025

- Submission of Mitigating Circumstances [MC] request due to employment workload by full-time students will NOT be considered as an acceptable reason. Students with full time employment are encouraged to choose Part time study mode.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.

Programme Name		:	MSc Network Security						
Programme Code		:	F2N3-CNS						
Mode of Study		:	Part Time						
			Key Conta	acts					
	Designation		Name			Contact Er	nail		
	ne Director	Dr	Hani Ragab Hassen		h.ragabhassen@hw.ac.uk				
	on Coordinator		Claudio Zito		c.zito@hw.ac.uk				
			New Stud	ents					
			Stage 1 – Fir						
	September Semest	er -	Register 2 Optional (ory &	1 Optional Cou	ırses		
F21CN	Computer Network	Seci	urity	Mandatory	1	September			
F21DF	Database and Inforr			Optional	1	September	6 2024		
F21DL	Data Mining and Ma	achii	ne Learning	Optional	1	September	Sept 2024		
F21RS	Rigorous Method fo	r So	ftware Engineering	Optional	1	September	to Dec 2024		
F21SC	Industrial Programn	ning		Optional	1	September	Dec 2024		
F21SF	Software Engineering	_		Optional	1	September			
	January Semester	- R	egister 2 Mandatory (OR 1 Mandato	ry &	1 Optional Cou	irses		
F21AN	Advanced Network	Secu	ırity	Mandatory	1	January			
F21FO	Digital Forensics			Mandatory	1	January	Jan 2025		
F21AO	Applied Development and Operations			Optional	1	January	to		
F21AS	Advanced Software Engineering			Optional	1	January	Apr 2025		
F21BD	Big Data Manageme			Optional	1	January	•		
C11PA	Project Managemer		Optional	1	January				
			Continuing S						
			Stage 1 – Seco						
ſŖ	September Semest	er - Col	Register 2 Optional (urses if you have not	OR 1 Mandato	ory & durin	1 Optional Cou	Irses Studyl		
F21CN	Computer Network			Mandatory	1	September	Studyj		
F21DF	Database and Inforr		•	Optional	1	September			
F21DL	Data Mining and Ma			Optional	1	September	Sept 2024		
F21RS	Rigorous Method fo			Optional	1	September	to		
F21SC	Industrial Programn			Optional	1	September	Dec 2024		
F21SF	Software Engineerin			Optional	1	September			
12131		_	er - Register F21RP a						
[F			urse if you have not		, .		Study]		
F21RP	Research Methods a	and	Project Planning	Mandatory	1	January			
F21AN	Advanced Network	Seci	ırity	Mandatory	1	January	Jan 2025		
F21FO	Digital Forensics			Mandatory	1	January			
F21AO	Applied Developme		•	Optional	1	January	to		
F21AS	Advanced Software		ineering	Optional	1	January	Apr 2025		
F21BD	Big Data Manageme			Optional	1	January			
	I Draiget Managamar	٠.		I ()ntional	1	January			
C11PA	Project Managemer		Mandatory Course [A	Optional			1		

F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025
					to
					Dissertation
					Deadline

- Part time students can register 1 or 2 courses per semester. Students are encouraged to meet their Personal Tutor or Programme Director if they wish to choose more than 2 courses in a semester.
- January intake students need to carefully consider their courses sequencing and are advised to consult with their Personal Tutor or Programme Director.
- 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.

MSc Software Engineering

Programme Name		MSc Software Engineering
Programme Code		F2S7-SOE
Mode of Study		Full Time

Key Contacts								
Designation Name Contact Email								
Programme Director	Dr Abrar Ullah	a.ullah@hw.ac.uk						
Dissertation Coordinator	Dr Claudio Zito	c.zito@hw.ac.uk						

	<u> </u>									
Course	Course Title	Mandatory	Year	Semester	Semester Dates					
Code		/Optional			Dates					
September Semester - 2 Mandatory and 2 Optional Courses										
F21RS	Rigorous Methods for Software Engineering	Mandatory	1	September						
F21SC	Industrial Programming	Mandatory	1	September	Sept 2024 to Dec 2024					
F21BC	Biologically Inspired Computation	Optional	1	September						
F21CN	Computer Network Security	Optional	1	September						
F21GA	3D Graphics and Animation	Optional	1	September	DCC 2024					
F21DL	Data Mining and Machine Learning	Optional	1	September						
	January Semester – 2 Mandatory and 2 Optional Courses									
F21RP	Research Methods & Project Planning	Mandatory	1	January						
F21AS	Advanced Software Engineering	Mandatory	1	January	Jan 2025 to Apr 2025					
F21BD	Big Data Management	Optional	1	January						
F21AD	Advanced Interaction Design	Optional	1	January						
F21AO	Applied Development and Operations (DevOps)	Optional	1	January						
F21GP	Computer Games Programming	Optional	1	January						
F21AN	Advanced Network Security	Optional	1	January						
May Semester – 1 Mandatory Course [Applicable to ONLY MSc Students]										
(To be registered on successful completion of above 8 taught courses)										
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025					
					to					
					Aug 2025					

- Submission of Mitigating Circumstances [MC] request due to employment workload by full-time students will NOT be considered as an acceptable reason. Students with full time employment are encouraged to choose Part time study mode.
- Students with resits may have their progression to F21MP delayed. Refer to the handbook for further details.

Programm	ie Name	:	MSc Software Engineeri	ng				
Programme Code :		F2S7-SOE						
Mode of Study :			Part Time					
			Key Contact	ts				
	Designation		Name			Contact Er	nail	
Programm	e Director		Dr Abrar Ullah		a.ullah@hw.ac.uk			
	n Coordinator		Dr Claudio Zito		c.zito@hw.ac.uk			
Course Code	C	se Title	Mandator y/Optional	Year	Semester	Semester Dates		
			New Studer					
			Stage 1 – First					
Septe	ember Semester - F	Reg	ister 2 Mandatory OR Courses	1 Mandatory	/ & 1 O _I	otional OR 2	Optional	
F21RS			oftware Engineering	Mandatory	1	September		
F21SC	Industrial Programn			Mandatory	1	September	Sept 2024	
F21BC	Biologically Inspired		•	Optional	1	September	to	
F21CN	Computer Network		•	Optional	1	September	Dec 2024	
F21GA	3D Graphics and An		Optional	1	September			
F21DL	Data Mining and Ma		ne Learning egister 2 Optional OR 1	Optional	1 and 1 (September	I COC	
			•	,	1		11 262	
F21AS F21BD	Advanced Software	ineering	Mandatory	1	January			
F21AD	Big Data Manageme Advanced Interaction	ocian	Optional Optional	1	January January	Jan 2025		
F21AO	Applied Development and Operations (DevOps)			Optional	1	January	to	
F21GP	Computer Games Programming			Optional	1	January	Apr 2025	
F21AN	Advanced Network Security			Optional	1	January		
			Continuing Stu	· ·		1		
			Stage 1 – Secor					
Sonto	mbor Competer I	200	ister 2 Mandatory OR		2 1 0	ational OP 2	Ontional	
Septe	ember Semester - r	veg	Courses	_	α ι Ο _Ι	otional OR 2	Ориона	
			irses if you have not re				Study]	
F21RS	_		oftware Engineering	Mandatory	1	September		
F21SC	Industrial Programn			Mandatory	1	September	Sept 2024	
F21BC	Biologically Inspired		•	Optional	1	September	to	
F21CN	Computer Network			Optional	1	September	Dec 2024	
F21GA	3D Graphics and An			Optional	1	September		
F21DL	Data Mining and Ma			Optional	1	September		
[Re			r - Register F21RP and urse if you have not re		-		Study]	
F21RP	Research Methods a	and	Project Planning	Mandatory	1	January		
F21AS	Advanced Software Engineering			Mandatory	1	January		
F21BD	Big Data Manageme			Optional	1	January	Jan 2025	
F21AD	Advanced Interaction			Optional	1	January	to	
F21AO			nd Operations (DevOps)	Optional	1	January	Apr 2025	
F21GP	Computer Games Pi			Optional	1	January		
F21AN	Advanced Network	urity	Optional	1	January			

May Semester – 1 Mandatory Course [Applicable to ONLY MSc Students] (Register on successful completion of 8 taught courses								
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline			

- Part time students can register 1 or 2 courses per semester. Students are encouraged to meet their Personal Tutor or Programme Director if they wish to choose more than 2 courses in a semester.
- January intake students need to carefully consider their courses sequencing and are advised to consult with their Personal Tutor or Programme Director.
- 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.
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