



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]

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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		
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	Sept 2024 to Dec 2024	
F21BC	Biologically inspired Computation	Mandatory	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
F21RO	Intelligent Robotics	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
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	Jan 2025 to Apr 2025	
F21AA	Applied Text Analytics	Optional	1	January		
F21AD	Advanced Interaction Design	Optional	1	January		
F21AO	Applied Development and Operations (DevOps)	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
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	
Note:						
<ul style="list-style-type: none"> • 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 Artificial Intelligence				
Programme Code	:	F2Z7-ARI				
Mode of Study	:	Part 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	
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
New Students						
Stage 1 – First Year						
September Semester - Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
F21DL	Data Mining & Machine Learning	Mandatory	1	September	Sept 2024 to Dec 2024	
F21BC	Biologically inspired Computation	Mandatory	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
F21RO	Intelligent Robotics	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
F29AI	Artificial intelligence & Intelligent Agents	Optional	1	September		
January Semester – Register 2 Optional Courses						
F21AA	Applied Text Analytics	Optional	1	January	Jan 2025 to Apr 2025	
F21AD	Advanced Interaction Design	Optional	1	January		
F21AO	Applied Development and Operations (DevOps)	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
F21BD	Big Data Management	Optional	1	January		
F21GP	Computer Games Programming	Optional	1	January		
Continuing Students						
Stage 1 – Second Year						
September Semester - Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses [Register Mandatory Courses if you have not registered it during First Year of Study]						
F21DL	Data Mining & Machine Learning	Mandatory	1	September	Sept 2024 to Dec 2024	
F21BC	Biologically inspired Computation	Mandatory	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
F21RO	Intelligent Robotics	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
F29AI	Artificial intelligence & Intelligent Agents	Optional	1	September		
January Semester – Register F21RP and 1 Optional Course						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21AA	Applied Text Analytics	Optional	1	January		
F21AD	Advanced Interaction Design	Optional	1	January		
F21AO	Applied Development and Operations (DevOps)	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
F21BD	Big Data Management	Optional	1	January		
F21GP	Computer Games Programming	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
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Note:

- 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			
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	Sept 2024 to Dec 2024
F21SA	Statistical Modelling and Analysis	Mandatory	1	September	
F21BC	Biologically Inspired Computation	Optional	1	September	
F21CN	Computer Network Security	Optional	1	September	
F21SC	Industrial Programming	Optional	1	September	
F21SF	Software Engineering Foundations	Optional	1	September	
January Semester – 3 Mandatory and 1 Optional Courses					
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025
F21BD	Big Data Management	Mandatory	1	January	
F21DV	Data Visualisation and Analytics	Mandatory	1	January	
F21AO	Applied Development and Operations	Optional	1	January	
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 [Applicable to ONLY MSc Students] (Register ONLY on successful completion of above 8 taught courses)					
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Aug 2025
Note:					
<ul style="list-style-type: none"> • 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 Data Science				
Programme Code	:	F2D1-DSC				
Mode of Study	:	Part 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	
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
New Students						
Stage 1 – First Year						
September Semester - Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
F21DL	Data Mining & Machine Learning	Mandatory	1	September	Sept 2024 to Dec 2024	
F21SA	Statistical Modelling and Analysis	Mandatory	1	September		
F21BC	Biologically Inspired Computation	Optional	1	September		
F21CN	Computer Network Security	Optional	1	September		
F21SC	Industrial Programming	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
January Semester – Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
F21BD	Big Data Management	Mandatory	1	January	Jan 2025 to Apr 2025	
F21DV	Data Visualisation and Analytics	Mandatory	1	January		
F21AO	Applied Development and Operations	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
F21AA	Applied Text Analytics	Optional	1	January		
F21DE	Digital and Knowledge Economy	Optional	1	January		
Continuing Students						
Stage 1 – Second Year						
September Semester - Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
[Register Mandatory Courses if you have not registered it during First Year of Study]						
F21DL	Data Mining & Machine Learning	Mandatory	1	September	Sept 2024 to Dec 2024	
F21SA	Statistical Modelling and Analysis	Mandatory	1	September		
F21BC	Biologically Inspired Computation	Optional	1	September		
F21CN	Computer Network Security	Optional	1	September		
F21SC	Industrial Programming	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
January Semester – Register F21RP and 1 Mandatory/Optional Course						
[Register Mandatory Courses if you have not registered it during First Year of Study]						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21BD	Big Data Management	Mandatory	1	January		
F21DV	Data Visualisation and Analytics	Mandatory	1	January		
F21AO	Applied Development and Operations	Optional	1	January		

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 [Applicable to ONLY MSc Students] (Register ONLY on successful completion of 8 taught courses)					
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline
Note:					
<ul style="list-style-type: none"> • 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 Mandatory and 3 Optional Courses						
F21DF	Databases and Information Systems	Mandatory	1	September	Sept 2024 to Dec 2024	
F21IF	Information Systems Methodologies	Optional	1	September		
F21SA	Statistical Modelling and Analysis	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
C11CS	Competitive Strategy	Optional	1	September		
C11IV	Strategic Innovation Mgt	Optional	1	September		
January Semester – 2 Mandatory and 2 Optional Courses						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21DE	Digital and Knowledge Economy	Mandatory	1	January		
F21BD	Big Data Management	Optional	1	January		
F21EC	e-Commerce Technology	Optional	1	January		
C11DA	Digital Marketing Analytics	Optional	1	January		
C11PA	Project Management	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	
Note:						
<ul style="list-style-type: none"> 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 Information Technology (Business)				
Programme Code	:	F2CG-ITB				
Mode of Study	:	Part 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	
New Students						
Stage 1 – First Year						
September Semester - Register 2 Optional OR 1 Mandatory & 1 Optional Courses						
F21DF	Databases and Information Systems	Mandatory	1	September	Sept 2024 to Dec 2024	
F21IF	Information Systems Methodologies	Optional	1	September		
F21SA	Statistical Modelling and Analysis	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
C11CS	Competitive Strategy	Optional	1	September		
C11IV	Strategic Innovation Mgt	Optional	1	September		
January Semester – Register for 2 Optional OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
F21DE	Digital and Knowledge Economy	Mandatory	1	January	Jan 2025 to Apr 2025	
F21BD	Big Data Management	Optional	1	January		
F21EC	e-Commerce Technology	Optional	1	January		
C11DA	Digital Marketing Analytics	Optional	1	January		
C11PA	Project Management	Optional	1	January		
Continuing Students						
Stage 1 – 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]						
F21DF	Databases and Information Systems	Mandatory	1	September	Sept 2024 to Dec 2024	
F21IF	Information Systems Methodologies	Optional	1	September		
F21SA	Statistical Modelling and Analysis	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
C11CS	Competitive Strategy	Optional	1	September		
C11IV	Entrepreneurial Venturing	Optional	1	September		
January Semester - Register F21RP and 1 Mandatory/Optional course [Register Mandatory Courses if you have not registered it during First Year of Study]						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21DE	Digital and Knowledge Economy	Mandatory	1	January		
F21BD	Big Data Management	Optional	1	January		
F21EC	e-Commerce Technology	Optional	1	January		
C11DA	Digital Marketing Analytics	Optional	1	January		
C11PA	Project Management	Optional	1	January		

May Semester – 1 Mandatory Course [Applicable to ONLY MSc Students] <i>(Register on successful completion of 8 taught courses)</i>					
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline
<p>Note:</p> <ul style="list-style-type: none"> • 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 (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 Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
September Semester - 1 Mandatory and 3 Optional Courses						
F21DF	Databases and Information Systems	Mandatory	1	September	Sept 2024 to Dec 2024	
F21CN	Computer Network Security	Optional	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
F21RO	Intelligent Robotics	Optional	1	September		
F21SC	Industrial Programming	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
January Semester – 1 Mandatory and 3 Optional Course						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21AD	Advanced Interaction Design	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
F21GP	Computer Games Programming	Optional	1	January		
F21DV	Data Visualisation and Analytics	Optional	1	January		
F21EC	e-Commerce Technology	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	
Note:						
<ul style="list-style-type: none"> 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 Information Technology (Software Systems)				
Programme Code	:	F2EG-ITS				
Mode of Study	:	Part 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 Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
New Students						
Stage 1 – First Year						
September Semester - Register 2 Optional OR 1 Mandatory & 1 Optional Courses						
F21DF	Databases and Information Systems	Mandatory	1	September	Sept 2024 to Dec 2024	
F21CN	Computer Network Security	Optional	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
F21RO	Intelligent Robotics	Optional	1	September		
F21SC	Industrial Programming	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
January Semester – Register 2 Optional Courses						
F21AD	Advanced Interaction Design	Optional	1	January	Jan 2025 to Apr 2025	
F21AS	Advanced Software Engineering	Optional	1	January		
F21GP	Computer Games Programming	Optional	1	January		
F21DV	Data Visualisation and Analytics	Optional	1	January		
F21EC	e-Commerce Technology	Optional	1	January		
Continuing Students						
Stage 1 – Second Year						
September Semester - Register 2 Optional OR 1 Mandatory & 1 Optional Courses [Register Mandatory Courses if you have not registered it during First Year of Study]						
F21DF	Databases and Information Systems	Mandatory	1	September	Sept 2024 to Dec 2024	
F21CN	Computer Network Security	Optional	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
F21RO	Intelligent Robotics	Optional	1	September		
F21SC	Industrial Programming	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
January Semester - Register F21RP and 1 Optional course						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21AD	Advanced Interaction Design	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
F21GP	Computer Games Programming	Optional	1	January		
F21DV	Data Visualisation and Analytics	Optional	1	January		
F21EC	e-Commerce Technology	Optional	1	January		

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

Note:

- 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 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 Optional Course(s)						
F21CN	Computer Network Security	Mandatory	1	September	Sept 2024 to Dec 2024	
F21DF	Database and Information Systems	Optional	1	September		
F21DL	Data Mining and Machine Learning	Optional	1	September		
F21RS	Rigorous Method for Software Engineering	Optional	1	September		
F21SC	Industrial Programming	Optional	1	September		
F21SF	Software Engineering Foundations	Optional	1	September		
January Semester – 3 Mandatory and 1 Optional Course(s)						
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025	
F21AN	Advanced Network Security	Mandatory	1	January		
F21FO	Digital Forensics	Mandatory	1	January		
F21AO	Applied Development and Operations	Optional	1	January		
F21AS	Advanced Software Engineering	Optional	1	January		
F21BD	Big Data Management	Optional	1	January		
C11PA	Project Management	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	
Note:						
<ul style="list-style-type: none"> 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 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	
New Students					
Stage 1 – First Year					
September Semester - Register 2 Optional OR 1 Mandatory & 1 Optional Courses					
F21CN	Computer Network Security	Mandatory	1	September	Sept 2024 to Dec 2024
F21DF	Database and Information Systems	Optional	1	September	
F21DL	Data Mining and Machine Learning	Optional	1	September	
F21RS	Rigorous Method for Software Engineering	Optional	1	September	
F21SC	Industrial Programming	Optional	1	September	
F21SF	Software Engineering Foundations	Optional	1	September	
January Semester – Register 2 Mandatory OR 1 Mandatory & 1 Optional Courses					
F21AN	Advanced Network Security	Mandatory	1	January	Jan 2025 to Apr 2025
F21FO	Digital Forensics	Mandatory	1	January	
F21AO	Applied Development and Operations	Optional	1	January	
F21AS	Advanced Software Engineering	Optional	1	January	
F21BD	Big Data Management	Optional	1	January	
C11PA	Project Management	Optional	1	January	
Continuing Students					
Stage 1 – Second Year					
September Semester - Register 2 Optional OR 1 Mandatory & 1 Optional Courses [Register Mandatory Courses if you have not registered it during First Year of Study]					
F21CN	Computer Network Security	Mandatory	1	September	Sept 2024 to Dec 2024
F21DF	Database and Information Systems	Optional	1	September	
F21DL	Data Mining and Machine Learning	Optional	1	September	
F21RS	Rigorous Method for Software Engineering	Optional	1	September	
F21SC	Industrial Programming	Optional	1	September	
F21SF	Software Engineering Foundations	Optional	1	September	
January Semester - Register F21RP and 1 Mandatory/Optional Course [Register Mandatory Course if you have not registered it during First Year of Study]					
F21RP	Research Methods and Project Planning	Mandatory	1	January	Jan 2025 to Apr 2025
F21AN	Advanced Network Security	Mandatory	1	January	
F21FO	Digital Forensics	Mandatory	1	January	
F21AO	Applied Development and Operations	Optional	1	January	
F21AS	Advanced Software Engineering	Optional	1	January	
F21BD	Big Data Management	Optional	1	January	
C11PA	Project Management	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
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Note:

- 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		
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates	
September Semester - 2 Mandatory and 2 Optional Courses						
F21RS	Rigorous Methods for Software Engineering	Mandatory	1	September	Sept 2024 to Dec 2024	
F21SC	Industrial Programming	Mandatory	1	September		
F21BC	Biologically Inspired Computation	Optional	1	September		
F21CN	Computer Network Security	Optional	1	September		
F21GA	3D Graphics and Animation	Optional	1	September		
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	Jan 2025 to Apr 2025	
F21AS	Advanced Software Engineering	Mandatory	1	January		
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	
Note:						
<ul style="list-style-type: none"> 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 Software Engineering				
Programme Code	:	F2S7-SOE				
Mode of Study	:	Part 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	
Course Code	Course Title		Mandatory/Optional	Year	Semester	Semester Dates
New Students						
Stage 1 – First Year						
September Semester - Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
F21RS	Rigorous Methods for Software Engineering		Mandatory	1	September	Sept 2024 to Dec 2024
F21SC	Industrial Programming		Mandatory	1	September	
F21BC	Biologically Inspired Computation		Optional	1	September	
F21CN	Computer Network Security		Optional	1	September	
F21GA	3D Graphics and Animation		Optional	1	September	
F21DL	Data Mining and Machine Learning		Optional	1	September	
January Semester – Register 2 Optional OR 1 Mandatory and 1 Optional Courses						
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	
Continuing Students						
Stage 1 – Second Year						
September Semester - Register 2 Mandatory OR 1 Mandatory & 1 Optional OR 2 Optional Courses						
[Register Mandatory Courses if you have not registered it during First Year of Study]						
F21RS	Rigorous Methods for Software Engineering		Mandatory	1	September	Sept 2024 to Dec 2024
F21SC	Industrial Programming		Mandatory	1	September	
F21BC	Biologically Inspired Computation		Optional	1	September	
F21CN	Computer Network Security		Optional	1	September	
F21GA	3D Graphics and Animation		Optional	1	September	
F21DL	Data Mining and Machine Learning		Optional	1	September	
January Semester - Register F21RP and 1 Mandatory/Optional Course						
[Register Mandatory Course if you have not registered it during First Year of Study]						
F21RP	Research Methods and Project Planning		Mandatory	1	January	Jan 2025 to Apr 2025
F21AS	Advanced Software Engineering		Mandatory	1	January	
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] <i>(Register on successful completion of 8 taught courses)</i>					
F21MP	MSc Project & Dissertation	Mandatory	1	May	Jun 2025 to Dissertation Deadline
Note: <ul style="list-style-type: none"> • 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. 					