



**Programme Guide for Postgraduate Taught Programmes  
Engineering & Physical 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]*

# Postgraduate Taught Programme Guide – September Intake

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## Postgraduate Taught Programme Guide – September Intake

### MSc Advanced Mechanical Engineering

<b>Programme Name</b>	: MSc Advanced Mechanical Engineering				
<b>Programme Code</b>	: B5A7-AME				
<b>Mode of Study</b>	: Full Time				
Key Contacts					
Programme Director		Dr Sibi Chacko	<a href="mailto:c.sibi@hw.ac.uk">c.sibi@hw.ac.uk</a>		
Dissertation Coordinator		Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>		
Course Code	Course Title	Mandatory/Optional	Year	Semester	Semester Dates
September Semester– 2 Mandatory and 2 Optional Courses					
B51GG	CFD and Heat Transfer	Mandatory	1	September	Sep 2023 To Dec 2023
B81PI	Professional and Industrial Studies	Mandatory	1	September	
B50DG	Engineering Design	Optional	1	September	
B51EK	Fluids 1	Optional	1	September	
B51EM	Advanced Mechanics of Materials 1	Optional	1	September	
B51EO	Dynamics 1	Optional	1	September	
B51GE	Renewable Energy Technologies	Optional	1	September	
B51TE	Heat Exchangers and Heat Transfer	Optional	1	September	
January Semester– 3 Mandatory and 1 Optional Course(s)					
B51HB	Failure and Accident Analysis	Mandatory	1	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	January	
B51GT	Specialist Engineering Technology 2	Mandatory	1	January	
B50DH	Engineering Manufacture	Optional	1	January	
B51EL	Fluids 2	Optional	1	January	
B51EN	Advanced Mechanics of Materials 2	Optional	1	January	
B51EP	Dynamics 2	Optional	1	January	
B51TF	Advanced Thermodynamic Applications	Optional	1	January	
B51RO	Robotics Mechanical Systems	Optional	1	January	
May Semester – 1 Mandatory Course					
B51MD	Master Dissertation	Mandatory	1	May	June 2024 to Aug 2024

## Postgraduate Taught Programme Guide – September Intake

<b>Programme Name</b>	: MSc Advanced Mechanical Engineering
<b>Programme Code</b>	: B5A7-AME
<b>Mode of Study</b>	: Part-Time

### Key Contacts

Programme Director	Dr Sibi Chacko	<a href="mailto:c.sibi@hw.ac.uk">c.sibi@hw.ac.uk</a>
Dissertation Coordinator	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>

Course Code	Course Title	Mandatory/Optional	Year	Semester	Semester Dates
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### New Students

#### Stage 1 - First Year

#### September Semester – 2 Mandatory OR 2 Optional OR 1 Mandatory & 1 Optional Course(s)

Course Code	Course Title	Mandatory/Optional	Year	Semester	Semester Dates
B51GG	CFD and Heat Transfer	Mandatory	1	September	Sept 2023 to Dec 2023
B81PI	Professional and Industrial Studies	Mandatory	1	September	
B50DG	Engineering Design	Optional	1	September	
B51EK	Fluids 1	Optional	1	September	
B51EM	Advanced Mechanics of Materials 1	Optional	1	September	
B51EO	Dynamics 1	Optional	1	September	
B51GE	Renewable Energy Technologies	Optional	1	September	
B51TE	Heat Exchangers and Heat Transfer	Optional	1	September	

#### January Semester – 2 Mandatory OR 1 Mandatory & 1 Optional Course(s)

Course Code	Course Title	Mandatory/Optional	Year	Semester	Semester Dates
B51HB	Failure and Accident Analysis	Mandatory	1	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Research Preparation*	Mandatory	1	January	
B51GT	Specialist Engineering Technology 2	Mandatory	1	January	
B50DH	Engineering Manufacture	Optional	1	January	
B51EL	Fluids 2	Optional	1	January	
B51EN	Advanced Mechanics of Materials 2	Optional	1	January	
B51EP	Dynamics 2	Optional	1	January	
B51TF	Advanced Thermodynamic Applications	Optional	1	January	
B51RO	Robotics Mechanical Systems	Optional	1	January	

**\*Note:** New students should register for B81EZ only in Second Year January Semester.

### Continuing Students

#### Stage 1 - Second Year

#### September Semester – 2 Mandatory OR 2 Optional OR 1 Mandatory & 1 Optional Course(s)

**[Register for Mandatory courses if you have not registered those in your First Academic Year]**

Course Code	Course Title	Mandatory/Optional	Year	Semester	Semester Dates
B51GG	CFD and Heat Transfer	Mandatory	2	September	Sept 2023 to Dec 2023
B81PI	Professional and Industrial Studies	Mandatory	2	September	
B50DG	Engineering Design	Optional	2	September	
B51EK	Fluids 1	Optional	2	September	
B51EM	Advanced Mechanics of Materials 1	Optional	2	September	
B51EO	Dynamics 1	Optional	2	September	
B51GE	Renewable Energy Technologies	Optional	2	September	
B51TE	Heat Exchangers and Heat Transfer	Optional	2	September	

## Postgraduate Taught Programme Guide – September Intake

<b>January Semester – B81EZ and 1 Mandatory/Optional Course</b> <b>[Register for Mandatory courses if you have not registered those in your First Academic Year]</b>					
B51HB	Failure and Accident Analysis	Mandatory	2	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Research Preparation*	Mandatory	2	January	
B51GT	Specialist Engineering Technology 2	Mandatory	2	January	
B50DH	Engineering Manufacture	Optional	2	January	
B51EL	Fluids 2	Optional	2	January	
B51EN	Advanced Mechanics of Materials 2	Optional	2	January	
B51EP	Dynamics 2	Optional	2	January	
B51TF	Advanced Thermodynamic Applications	Optional	2	January	
B51RO	Robotics Mechanical Systems	Optional	2	January	
* <b>Note:</b> Continuing students <b>MUST</b> register for B81EZ this semester which will be their Final Taught Semester.					
<b>May Semester– 1 Mandatory Course</b>					
B51MD	Master Dissertation	Mandatory	2	May	June 2024 to Dissertation Deadline
<b>Note:</b> Dissertation deadline will be communicated by dissertation supervisor or school admin.					

## Postgraduate Taught Programme Guide – September Intake

### MSc / Postgraduate Diploma in Energy

<b>Programme Name</b>	: MSc / Postgraduate Diploma in Energy				
<b>Programme Code</b>	: B5B7-ENE / B5B5-ENE				
<b>Mode of Study</b>	: Full Time				
<b>Key Contacts</b>					
Programme Director	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>			
Dissertation Coordinator	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>			
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
<b>September Semester – 1 Mandatory and 3 Optional Course(s)</b>					
B51ET	Foundations of Energy	Mandatory	1	September	Sep 2023 To Dec 2023
B31GA	Elect. Power Syst.	Optional	1	September	
B51GE	Renewable Energy Tech.	Optional	1	September	
B51GG	CFD and Heat Transfer	Optional	1	September	
B51GL	Economics Ren Energy	Optional	1	September	
B51TE	Heat Exchangers and HT	Optional	1	September	
D11VE	Vent & Air Conditioning(P)	Optional	1	September	
H11EN	Entrepreneurship & Creativity	Optional	1	September	
D11CA	Climate Change Sustain Adapt	Optional	1	September	
<b>January Semester – 2 Mandatory and 2 Optional Courses</b>					
B51GI	Tech Futures and Bus.	Mandatory	1	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Res Pre	Mandatory	1	January	
B51GH	Env Impact Assess	Optional	1	January	
B51GK	Dem Mgmt and Energy Storage	Optional	1	January	
B51TF	Adv Thermodynamic Applications	Optional	1	January	
D11SB	Energy Systems and Bldgs(U)	Optional	1	January	
<b>May Semester – 1 Mandatory Course [Applicable only MSc Students]</b>					
B51MD	Master Dissertation	Mandatory	1	May	June 2024 to Aug 2024

## Postgraduate Taught Programme Guide – September Intake

<b>Programme Name</b>	: MSc / Postgraduate Diploma in Energy
<b>Programme Code</b>	: B5B7-ENE / B5B5-ENE
<b>Mode of Study</b>	: Part-Time

### Key Contacts

Programme Director	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>
Dissertation Coordinator	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>

Course Code	Course Title	Mandatory/ Optional	Year	Semester	Semester Dates
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### New Students

#### Stage 1 - First Year

#### September Semester – 1 Mandatory and 1 Optional OR 2 Optional Courses(s)

B51ET	Foundations of Energy	Mandatory	1	September	Sept 2023 to Dec 2023
B31GA	Elect. Power Syst.	Optional	1	September	
B51GE	Renewable Energy Tech.	Optional	1	September	
B51GG	CFD and Heat Transfer	Optional	1	September	
B51GL	Economics Ren Energy	Optional	1	September	
B51TE	Heat Exchangers and HT	Optional	1	September	
D11VE	Vent & Air Conditioning(P)	Optional	1	September	
H11EN	Entrepreneurship & Creativity	Optional	1	September	
D11CA	Climate Change Sustain Adapt	Optional	1	September	

#### January Semester – B51GI and 1 Optional OR 2 Optional Course(s)

B51GI	Tech Futures and Bus.	Mandatory	1	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Res Preparation*	Mandatory	1	January	
B51GH	Env Impact Assess	Optional	1	January	
B51GK	Dem Mgmt and Energy Storage	Optional	1	January	
B51TF	Adv Thermodynamic Applications	Optional	1	January	
D11SB	Energy Systems and Bldgs(U)	Optional	1	January	

**\*Note:** New students should register for **B81EZ only in Second Year January Semester.**

### Continuing Students

#### Stage 1 - Second Year

#### September Semester – 1 Mandatory and 1 Optional OR 2 Optional Courses(s) [Register for Mandatory course if you have not registered those in your First Academic Year]

B51ET	Foundations of Energy	Mandatory	2	September	Sept 2023 to Dec 2023
B31GA	Elect. Power Syst.	Optional	2	September	
B51GE	Renewable Energy Tech.	Optional	2	September	
B51GG	CFD and Heat Transfer	Optional	2	September	
B51GL	Economics Ren Energy	Optional	2	September	
B51TE	Heat Exchangers and HT	Optional	2	September	
D11VE	Vent & Air Conditioning(P)	Optional	2	September	
H11EN	Entrepreneurship & Creativity	Optional	2	September	
D11CA	Climate Change Sustain Adapt	Optional	2	September	

## Postgraduate Taught Programme Guide – September Intake

<b>January Semester – B81EZ and 1 Mandatory/Optional Course(s)</b> <b>[Register for Mandatory courses if you have not registered those in your First Year]</b>					
B51GI	Tech Futures and Bus.	Mandatory	2	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Res Preparation*	Mandatory	2	January	
B51GH	Env Impact Assess	Optional	2	January	
B51GK	Dem Mgmt and Energy Storage	Optional	2	January	
B51TF	Adv Thermodynamic Applications	Optional	2	January	
D11SB	Energy Systems and Bldgs(U)	Optional	2	January	
* <b>Note:</b> Continuing students <b>MUST</b> register for <b>B81EZ this semester</b> which will be their Final Taught Semester.					
<b>May Semester– 1 Mandatory Course [Applicable only for MSc Students]</b>					
B51MD	Master Dissertation	Mandatory	2	May	June 2024 to Dissertation Deadline
<b>Note:</b> Dissertation deadline will be communicated by dissertation supervisor or school admin.					



## Postgraduate Taught Programme Guide – September Intake

### MSc / Postgraduate Diploma in Renewable Energy Engineering

<b>Programme Name</b>	: MSc / Postgraduate Diploma in Renewable Energy Engineering				
<b>Programme Code</b>	: B5E7-REE / B5E5-REE				
<b>Mode of Study</b>	: Full Time				
<b>Key Contacts</b>					
Programme Director	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>			
Dissertation Coordinator	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>			
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
<b>September Semester – 3 Mandatory and 1 Optional Course(s)</b>					
B51ET	Foundations of Energy	Mandatory	1	September	Sep 2023 To Dec 2023
B51GE	Renewable Energy Technologies	Mandatory	1	September	
B51GL	Economics Ren Energy	Mandatory	1	September	
B31GA	Electrical Power Systems	Optional	1	September	
B51GG	Computational Fluid Dynamics with Heat Transfer	Optional	1	September	
B51TE	Heat Exchangers and Heat Transfer	Optional	1	September	
D11CA	Climate change, Sustainability and Adaptation	Optional	1	September	
<b>January Semester – 2 Mandatory and 2 Optional Courses</b>					
B51GF	Advanced Renewable Energy Engineering	Mandatory	1	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	January	
B51GH	Environmental Impact Assessment	Optional	1	January	
B51GK	Demand Management and Energy Storage	Optional	1	January	
B51TF	Advanced Thermodynamic Applications	Optional	1	January	
<b>May Semester – 1 Mandatory Course [Applicable only to MSc Students]</b>					
B51MD	Master's Dissertation	Mandatory	1	May	June 2024 to Aug 2024

## Postgraduate Taught Programme Guide – September Intake

<b>Programme Name</b>	: MSc / Postgraduate Diploma in Renewable Energy Engineering
<b>Programme Code</b>	: B5E5-REE / B5E5-REE
<b>Mode of Study</b>	: Part-Time

### Key Contacts

Programme Director	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>
Dissertation Coordinator	Dr Mutasim Nour	<a href="mailto:mutasim.nour@hw.ac.uk">mutasim.nour@hw.ac.uk</a>

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
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### New Students

#### Stage 1 - First Year

#### September Semester – 2 Mandatory OR 1 Mandatory and 1 Optional Course(s)

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
B51ET	Foundations of Energy	Mandatory	1	September	Sept 2023 to Dec 2023
B51GE	Renewable Energy Technologies*	Mandatory	1	September	
B51GL	Economics Ren Energy	Mandatory	1	September	
B31GA	Electrical Power Systems	Optional	1	September	
B51GG	Computational Fluid Dynamics with Heat Transfer	Optional	1	September	
B51TE	Heat Exchangers and Heat Transfer	Optional	1	September	
D11CA	Climate change, Sustainability and Adaptation	Optional	1	September	

\***B51GE** is a **prerequisite for B51GF**, and students must register for B51GE this semester if they are registering for B51GF in January semester.

#### January Semester –1 Mandatory and 1 Optional OR 2 Optional Course(s)

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
B51GF	Advanced Renewable Energy Engineering	Mandatory	1	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Research Preparation*	Mandatory	1	January	
B51GH	Environmental Impact Assessment	Optional	1	January	
B51GK	Demand Management and Energy Storage	Optional	1	January	
B51TF	Advanced Thermodynamic Applications	Optional	1	January	

\***Note:** New students should register for **B81EZ only in Second Year January Semester**.

### Continuing Students

#### Stage 1 - Second Year

#### September Semester– 2 Mandatory OR 1 Mandatory and 1 Optional Course(s) [Register for Mandatory courses if you have not registered those in First Academic Year]

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
B51ET	Foundations of Energy	Mandatory	2	September	Sept 2023 to Dec 2023
B51GE	Renewable Energy Technologies	Mandatory	2	September	
B51GL	Economics Ren Energy	Mandatory	2	September	
B31GA	Electrical Power Systems	Optional	2	September	
B51GG	Computational Fluid Dynamics with Heat Transfer	Optional	2	September	
B51TE	Heat Exchangers and Heat Transfer	Optional	2	September	
D11CA	Climate change, Sustainability and Adaptation	Optional	2	September	

\***B51GE** is a **prerequisite for B51GF**, and students must register for B51GE this semester if they are registering for B51GF in January semester.

## Postgraduate Taught Programme Guide – September Intake

<b>January Semester – B81EZ and 1 Mandatory / Optional Course</b> <b>[Register for Mandatory courses if you have not registered those in First Academic Year]</b>					
B51GF	Advanced Renewable Energy Engineering	Mandatory	2	January	Jan 2024 to Apr 2024
B81EZ	Critical Analysis and Research Preparation*	Mandatory	2	January	
B51GH	Environmental Impact Assessment	Optional	2	January	
B51GK	Demand Management and Energy Storage	Optional	2	January	
B51TF	Advanced Thermodynamic Applications	Optional	2	January	
* <b>Note:</b> Continuing students <b>MUST</b> register for <b>B81EZ this semester</b> which will be their Final Taught Semester.					
<b>May Semester – 1 Mandatory Course [Applicable only for MSc Students]</b>					
B51MD	Master’s Dissertation	Mandatory	2	May	June 2024 To Dissertation Deadline
<b>Note:</b> Dissertation deadline will be communicated by dissertation supervisor or school admin.					

## Postgraduate Taught Programme Guide – September Intake

### MSc in Global Sustainability Engineering

<b>Programme Name</b>	: MSc in Global Sustainability Engineering				
<b>Programme Code</b>	: B478-SUE				
<b>Mode of Study</b>	: Full Time				
<b>Key Contacts</b>					
<b>Programme Director</b>	Dr Nasir Mohammed Amro Al Lagtah	<a href="mailto:N.Al_Lagtah@hw.ac.uk">N.Al_Lagtah@hw.ac.uk</a>			
<b>Dissertation Coordinator</b>	Dr Nasir Mohammed Amro Al Lagtah	<a href="mailto:N.Al_Lagtah@hw.ac.uk">N.Al_Lagtah@hw.ac.uk</a>			
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
<b>September Semester – 3 Mandatory and 1 Optional Course(s)</b>					
D11CA	Climate Change, Sustainability and Adaptation	Mandatory	1	September	Sep 2023 To Dec 2023
B41OB	Process Engineering A	Mandatory	1	September	
B51ET	Foundations of Energy	Mandatory	1	September	
B51GE	Renewable Energy Technologies	Optional	1	September	
B41CE	The Circular Economy	Optional	1	September	
<b>January Semester – 3 Mandatory and 1 Optional Courses</b>					
B41SP	Sustainable Processing	Mandatory	1	January	Jan 2024 to Apr 2024
B51GH	Environmental Impact Assessment	Mandatory	1	January	
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	January	
B41CS	Carbon Solutions	Optional	1	January	
C11GL	Green and Sustainable Logistics	Optional	1	January	
B51GI	Technology Futures and Business Strategy	Optional	1	January	
B51GK	Demand Management and Energy Storage	Optional	1	January	
<b>May Semester– 1 Mandatory Course</b>					
B41SD	Sustainability Dissertation	Mandatory	1	May	June 2024 to Aug 2024

## Postgraduate Taught Programme Guide – September Intake

<b>Programme Name</b>	: MSc in Global Sustainability Engineering
<b>Programme Code</b>	: B478-SUE
<b>Mode of Study</b>	: Part-Time

### Key Contacts

<b>Programme Director</b>	Dr Nasir Mohammed Amro Al Lagtah	<a href="mailto:N.Al_Lagtah@hw.ac.uk">N.Al_Lagtah@hw.ac.uk</a>
<b>Dissertation Coordinator</b>	Dr Nasir Mohammed Amro Al Lagtah	<a href="mailto:N.Al_Lagtah@hw.ac.uk">N.Al_Lagtah@hw.ac.uk</a>

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
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### New Students

#### Stage 1 - First Year

#### September Semester – 2 Mandatory OR 1 Mandatory and 1 Optional Course(s)

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
D11CA	Climate Change, Sustainability and Adaptation	Mandatory	1	September	Sept 2023 to Dec 2023
B41OB	Process Engineering A	Mandatory	1	September	
B51ET	Foundations of Energy	Mandatory	1	September	
B51GE	Renewable Energy Technologies	Optional	1	September	
B41CE	The Circular Economy	Optional	1	September	

#### January Semester – 2 Mandatory OR 1 Mandatory and 1 Optional Course(s)

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
B41SP	Sustainable Processing	Mandatory	1	January	Jan 2024 to Apr 2024
B51GH	Environmental Impact Assessment	Mandatory	1	January	
B81EZ	Critical Analysis and Research Preparation*	Mandatory	1	January	
B41CS	Carbon Solutions	Optional	1	January	
C11GL	Green and Sustainable Logistics	Optional	1	January	
B51GI	Technology Futures and Business Strategy	Optional	1	January	
B51GK	Demand Management and Energy Storage	Optional	1	January	

\***Note:** New students should register for **B81EZ only in Second Year January Semester.**

### Continuing Students

#### Stage 1 - Second Year

#### September Semester – 2 Mandatory OR 1 Mandatory and 1 Optional Course(s)

**[Register for Mandatory courses if you have not registered those in First Academic Year]**

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
D11CA	Climate Change, Sustainability and Adaptation	Mandatory	2	September	Sept 2023 to Dec 2023
B41OB	Process Engineering A	Mandatory	2	September	
B51ET	Foundations of Energy	Mandatory	2	September	
B51GE	Renewable Energy Technologies	Optional	2	September	
B41CE	The Circular Economy	Optional	2	September	

#### January Semester – B81EZ and 1 Mandatory / Optional Course

**[Register for Mandatory courses if you have not registered those in First Academic Year]**

Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
B41SP	Sustainable Processing	Mandatory	2	January	Jan 2024 to Apr 2024
B51GH	Environmental Impact Assessment	Mandatory	2	January	
B81EZ	Critical Analysis and Research Preparation*	Mandatory	2	January	
B41CS	Carbon Solutions	Optional	2	January	
C11GL	Green and Sustainable Logistics	Optional	2	January	
B51GI	Technology Futures and Business Strategy	Optional	2	January	

## Postgraduate Taught Programme Guide – September Intake

B51GK	Demand Management and Energy Storage	Optional	2	January	
<p><b>*Note:</b> Continuing students <b>MUST</b> register for <b>B81EZ this semester</b> which will be their Final Taught Semester.</p>					
<b>May Semester – 1 Mandatory Course</b>					
B41SD	Sustainability Dissertation	Mandatory	2	May	June 2024 to Dissertation Deadline
<p><b>Note:</b> Dissertation deadline will be communicated by dissertation supervisor or school admin.</p>					

## Postgraduate Taught Programme Guide – September Intake

### MSc Robotics

<b>Programme Name</b>	: MSc Robotics				
<b>Programme Code</b>	: B320-RAI				
<b>Mode of Study</b>	: Full Time				
Key Contacts					
Programme Director	Dr Nidhal Abdulaziz		<a href="mailto:na2050@hw.ac.uk">na2050@hw.ac.uk</a>		
Dissertation Coordinator	Dr Nidhal Abdulaziz		<a href="mailto:na2050@hw.ac.uk">na2050@hw.ac.uk</a>		
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
September Semester – 2 Mandatory and 2 Optional Course(s)					
B31YS	Robotic System Science	Mandatory	1	September	Sep 2023 To Dec 2023
F21RO	Intelligent Robotics	Mandatory	1	September	
F21BC	Biologically Inspired Computation	Optional	1	September	
B31DD	Embedded Systems	Optional	1	September	
F21DL	Data Mining and Machine Learning	Optional	1	September	
January Semester – 2 Mandatory and 2 Optional Course(s)					
B31MV	Machine Vision	Mandatory	1	January	Jan 2024 to Apr 2024
B51RO	Robotic Mechanical Systems	Mandatory	1	January	
B31DG	Embedded Software	Optional	1	January	
B81EZ	Critical Analysis and Research Preparation	Optional	1	January	
B31SE	Image Processing	Optional	1	January	
May Semester – 1 Mandatory Course					
B31VZ	MSc Project	Mandatory	1	May	June 2024 to Aug 2024

## Postgraduate Taught Programme Guide – September Intake

<b>Programme Name</b>	: MSc Robotics				
<b>Programme Code</b>	: B320-RAI				
<b>Mode of Study</b>	: Part-Time				
<b>Key Contacts</b>					
Programme Director		Dr Nidhal Abdulaziz	<a href="mailto:na2050@hw.ac.uk">na2050@hw.ac.uk</a>		
Dissertation Coordinator		Dr Nidhal Abdulaziz	<a href="mailto:na2050@hw.ac.uk">na2050@hw.ac.uk</a>		
Course Code	Course Title	Mandatory /Optional	Year	Semester	Semester Dates
<b>New Students</b>					
<b>Stage 1 - First Year</b>					
<b>September Semester – 2 Mandatory OR 1 Mandatory &amp; 1 Optional Course(s)</b>					
B31YS	Robotic System Science	Mandatory	1	September	Sept 2023 to Dec 2023
F21RO	Intelligent Robotics	Mandatory	1	September	
F21BC	Biologically Inspired Computation	Optional	1	September	
B31DD	Embedded Systems	Optional	1	September	
F21DL	Data Mining and Machine Learning	Optional	1	September	
<b>January Semester – 2 Mandatory OR 1 Mandatory &amp; 1 Optional Course(s)</b>					
B31MV	Machine Vision	Mandatory	1	January	Jan 2024 to Apr 2024
B51RO	Robotic Mechanical Systems	Mandatory	1	January	
B31DG	Embedded Software	Optional	1	January	
B81EZ	Critical Analysis and Research Preparation	Optional	1	January	
B31SE	Image Processing	Optional	1	January	
<b>Continuing Students</b>					
<b>Stage 1 - Second Year</b>					
<b>September Semester – 2 Mandatory OR 1 Mandatory &amp; 1 Optional Course(s)</b> <b>[Register for Mandatory courses if you have not registered those in First Academic Year]</b>					
B31YS	Robotic System Science	Mandatory	2	September	Sept 2023 to Dec 2023
F21RO	Intelligent Robotics	Mandatory	2	September	
F21BC	Biologically Inspired Computation	Optional	2	September	
B31DD	Embedded Systems	Optional	2	September	
F21DL	Data Mining and Machine Learning	Optional	2	September	
<b>January Semester - 2 Mandatory OR 1 Mandatory &amp; 1 Optional Course(s)</b> <b>[Register for Mandatory courses if you have not registered those in First Academic Year]</b>					
B31MV	Machine Vision	Mandatory	2	January	Jan 2024 to Apr 2024
B51RO	Robotic Mechanical Systems	Mandatory	2	January	
B31DG	Embedded Software	Optional	2	January	
B81EZ	Critical Analysis and Research Preparation	Optional	2	January	
B31SE	Image Processing	Optional	2	January	
<b>May Semester– 1 Mandatory Course</b>					
B31VZ	MSc Project	Mandatory	2	May	June 2024 to Dissertation Deadline
<b>Note:</b> Dissertation deadline will be communicated by dissertation supervisor or school admin.					



## Postgraduate Taught Programme Guide – September Intake