



Programme Guide for Undergraduate 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 familiarise with the dates]

Undergraduate Taught Programme Guide – September Intake

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BSc Computer Science (Cyber Security)

| Programme Name | : BSc Computer Science (Cyber Security) | | | | |
|--|--|--|------|-----------|-----------------------------|
| Programme Code | : F2C3-CCS | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Mahmoud Mousa | m.mousa@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Cristina Turcanu | cristina.turcanu@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Drishty Sobnath | d.sobnath@hw.ac.uk | | | |
| Year 3 Coordinator | Mr. Md Azher Uddin | m.uddin@hw.ac.uk | | | |
| Year 4 Coordinator | Ali Muzaffar | Ali.Muzaffar@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F27PX | Praxis | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Introduction to Interaction Design | Mandatory | 1 | September | |
| F17LP | Logic and Proof | Mandatory | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F27CS | Introduction to Computer Systems | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F27WD | Web Design and Databases | Mandatory | 1 | January | |
| F17SC | Discrete Mathematics | Mandatory | 1 | January | |
| F27SB | Software Development 2 | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28ED | Experimental Design | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28PL | Programming Languages | Mandatory | 2 | September | |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28SG | Introduction to Data Structures & Algorithms | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F28DM | Database Management Systems | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F28DA | Data Structures and Algorithms | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Mandatory | 2 | January | |
| F28SD | Introduction to Software & Algorithms | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence and Intelligent Agents | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29DC | Data Comms and Networking | Mandatory | 3 | September | |
| F29FA | Foundations 1 | Mandatory | 3 | September | |
| F29SO | Software Engineering | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| January Semester – 4 Mandatory Courses | | | | | |
|---|---|-----------|---|-----------|-----------------------------|
| F29FB | Foundations 2 | Mandatory | 3 | January | Jan 2025 To Apr 2025 |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| F29LP | Language Processors | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20CN | Computer Network Security | Mandatory | 4 | September | |
| F20SA | Statistical Modelling & Analysis | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| F20BC | Biologically Inspired Computation | Optional | 4 | September | |
| F20GA | 3D Graphics and Animation | Optional | 4 | September | |
| F20IF | Information System Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Software Engineering | Optional | 4 | September | |
| F20RO | Intelligent Robotics | Optional | 4 | September | |
| F20DL | Data Mining & Machine Learning | Optional | 4 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F20AN | Advanced Network Security | Mandatory | 4 | January | Jan 2025 To Apr 2025 |
| F20PF | Design Implementation (Cyber Security) | Mandatory | 4 | January | |
| F20PG | Project Testing Implementation (Cyber Security) | Mandatory | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20GP | Computer Games Programming | Optional | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |
| F20AA | Applied text Analytics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Science (Artificial Intelligence)

| Programme Name | : BSc Computer Science (Artificial Intelligence) | | | | |
|--|--|--|------|-----------|-----------------------------|
| Programme Code | : F2P1-CSA | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Mahmoud Mousa | m.mousa@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Cristina Turcanu | cristina.turcanu@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Drishty Sobnath | d.sobnath@hw.ac.uk | | | |
| Year 3 Coordinator | Mr. Md Azher Uddin | m.uddin@hw.ac.uk | | | |
| Year 4 Coordinator | Ali Muzaffar | Ali.Muzaffar@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F17LP | Logic & Proof | Mandatory | 1 | September | Sept 2024 To Dec 2025 |
| F27PX | Praxis | Mandatory | 1 | September | |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Intro to Interaction Design | Mandatory | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F27CS | Intro to Computer Systems | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F27SB | Software Development 2 | Mandatory | 1 | January | |
| F27WD | Web Design & Databases | Mandatory | 1 | January | |
| F17SC | Discrete Mathematics | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28PL | Programming Languages | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28ED | Experimental Design | Mandatory | 2 | September | |
| F28SG | Introduction to Data Structures & Algorithms | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F28DA | Data Structures & Algorithms | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29DC | Data Communications & Networking | Mandatory | 3 | September | |
| F29FA | Foundations 1 | Mandatory | 3 | September | |
| F29SO | Software Engineering | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| January Semester – 4 Mandatory Courses | | | | | |
|---|---|-----------|---|-----------|-----------------------------|
| F29FB | Foundations 2 | Mandatory | 3 | January | Jan 2025 To Apr 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 1 Mandatory and 3 Optional Course(s) | | | | | |
| F20PA | Research methods & Requirements Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20SA | Stat Model & Anal | Optional | 4 | September | |
| F20RO | Intelligent Robotics | Optional | 4 | September | |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20IF | Information Sys Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Soft Engineering | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| F20GA | 3D Graphics and Animation | Optional | 4 | September | |
| F20BC | Biologically Inspired Computation | Optional | 4 | September | |
| F20DL | Data Mining & Machine Learning | Optional | 4 | September | |
| January Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20PB | Design & Implementation | Mandatory | 4 | January | Jan 2025 To Apr 2025 |
| F20PC | Project Testing & Presentation | Mandatory | 4 | January | |
| F20AA | Applied Text Analytics | Optional | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |
| F20GP | Computer Games Programming | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Science (Data Science)

| Programme Name | : BSc Computer Science (Data Science) | | | | |
|--|--|--|------|-----------|-----------------------------|
| Programme Code | : F2D3-CDS | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Mahmoud Mousa | m.mousa@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Cristina Turcanu | cristina.turcanu@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Drishty Sobnath | d.sobnath@hw.ac.uk | | | |
| Year 3 Coordinator | Mr. Md Azher Uddin | m.uddin@hw.ac.uk | | | |
| Year 4 Coordinator | Ali Muzaffar | Ali.Muzaffar@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F17LP | Logic & Proof | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27PX | Praxis | Mandatory | 1 | September | |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Introduction to Interaction Design | Mandatory | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F27CS | Introduction to Computer Systems | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F27SB | Software Development 2 | Mandatory | 1 | January | |
| F27WD | Web Design & Databases | Mandatory | 1 | January | |
| F17SC | Discrete Mathematics | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28PL | Programming Languages | Mandatory | 2 | September | Sept 2025 To Dec 2024 |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28ED | Experimental Design | Mandatory | 2 | September | |
| F28SG | Introduction to Data Structures & Algorithms | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F28DA | Data Structures & Algorithms | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29DC | Data Communications & Networking | Mandatory | 3 | September | |
| F29FA | Foundations 1 | Mandatory | 3 | September | |
| F29SO | Software Engineering | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| January Semester – 4 Mandatory Courses | | | | | |
|---|---|-----------|---|-----------|-----------------------------|
| F29FB | Foundations 2 | Mandatory | 3 | January | Jan 2025 To Apr 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F20SA | Statistical Modelling & Analysis | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | |
| F20DL | Data Mining & Machine Learning | Mandatory | 4 | September | |
| F20RO | Intelligent Robotics | Optional | 4 | September | |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20IF | Information Systems Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Software Engineering | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| F20GA | 3D Graphics & Animation | Optional | 4 | September | |
| F20BC | Biologically Inspired Computation | Optional | 4 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F20BD | Big Data Management | Mandatory | 4 | January | Jan 2025 To Apr 2025 |
| F20PE | Project Testing & Implementation (Data Science) | Mandatory | 4 | January | |
| F20PD | Design Implement (Data Science) | Mandatory | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |
| F20AA | Applied Text Analytics | Optional | 4 | January | |
| F20GP | Computer Games Programming | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Science (Software Engineering)

| Programme Name | : BSc Computer Science (Software Engineering) | | | | |
|--|--|--|------|-----------|-----------------------------|
| Programme Code | : F2J1-CSE | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Mahmoud Mousa | m.mousa@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Cristina Turcanu | cristina.turcanu@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Drishty Sobnath | d.sobnath@hw.ac.uk | | | |
| Year 3 Coordinator | Mr. Md Azher Uddin | m.uddin@hw.ac.uk | | | |
| Year 4 Coordinator | Ali Muzaffar | Ali.Muzaffar@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F17LP | Logic & Proof | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27PX | Praxis | Mandatory | 1 | September | |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Introduction to Interaction Design | Mandatory | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F27CS | Introduction to Computer Systems | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F27SB | Software Development 2 | Mandatory | 1 | January | |
| F27WD | Web Design & Databases | Mandatory | 1 | January | |
| F17SC | Discrete Mathematics | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28PL | Programming Languages | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28ED | Experimental Design | Mandatory | 2 | September | |
| F28SG | Introduction to Data Structures & Algorithms | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F28DA | Data Structures & Algorithms | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29DC | Data Communications & Networking | Mandatory | 3 | September | |
| F29FA | Foundations 1 | Mandatory | 3 | September | |
| F29SO | Software Engineering | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| January Semester – 4 Mandatory Courses | | | | | |
|---|---|-----------|---|-----------|-----------------------------|
| F29FB | Foundations 2 | Mandatory | 3 | January | Jan 2025 To Apr 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Sys & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20RS | Rigorous Methods for Software Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | |
| F20SA | Statistical Modelling & Analysis | Optional | 4 | September | |
| F20DL | Data Mining & Machine Learning | Optional | 4 | September | |
| F20BC | Biologically Inspired Computation | Optional | 4 | September | |
| F20GA | 3D Graphics & Animation | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| F20IF | Information Systems Methodologies | Optional | 4 | September | |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20RO | Intelligent Robotics | Optional | 4 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F20AD | Advanced Human Computer Interaction | Mandatory | 4 | January | Jan 2025 To May 2025 |
| F20PB | Design & Implementation | Mandatory | 4 | January | |
| F20PC | Project Testing & Presentation | Mandatory | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |
| F20GP | Computer Games Programming | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |
| F20AA | Applied Text Analytics | Optional | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Science (Computer Games Programming)

| Programme Name | : BSc Computer Science (Computer Games Programming) | | | | |
|--|--|--|------|-----------|-----------------------------|
| Programme Code | : F2C1-GCP | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Mahmoud Mousa | m.mousa@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Cristina Turcanu | cristina.turcanu@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Drishty Sobnath | d.sobnath@hw.ac.uk | | | |
| Year 3 Coordinator | Mr. Md Azher Uddin | m.uddin@hw.ac.uk | | | |
| Year 4 Coordinator | Ali Muzaffar | Ali.Muzaffar@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F27PX | Praxis | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Introduction to Interaction Design | Mandatory | 1 | September | |
| F17LP | Logic & Proof | Mandatory | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F27SB | Software Development 2 | Mandatory | 1 | January | Jan 2025 to Apr 2025 |
| F27WD | Web Design & Databases | Mandatory | 1 | January | |
| F27CS | Introduction to Computer Systems | Mandatory | 1 | January | |
| F17SC | Discrete Mathematics | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28PL | Programming Languages | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28ED | Experimental Design | Mandatory | 2 | September | |
| F28SG | Intro Data Struct & Algorithms | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F28DA | Data Structures & Algorithms | Mandatory | 2 | January | Jan 2025 to Apr 2025 |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | Mandatory | 3 | September | Sept 2024 To |
| F29DC | Data Communications & Networking | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| | | | | | |
|--|---|-----------|---|-----------|-----------------------------|
| F29SO | Software Engineering | Mandatory | 3 | September | Dec 2024 |
| F29FA | Foundations 1 | Mandatory | 3 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F29FB | Foundations 2 | Mandatory | 3 | January | Jan 2025 to Apr 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20GA | 3D Graphics & Animation | Mandatory | 4 | September | |
| F20DL | Data Mining & Machine Learning | Optional | 4 | September | |
| F20BC | Biologically Inspired Computation | Optional | 4 | September | |
| F20SA | Statistical Modelling & Analysis | Optional | 4 | September | |
| F20RO | Intelligent Robotics | Optional | 4 | September | |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20IF | Information Systems Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Software Engineering | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F20PB | Design & Implementation | Mandatory | 4 | January | Jan 2025 to Apr 2025 |
| F20PC | Project Testing & Presentation | Mandatory | 4 | January | |
| F20GP | Computer Games Programming | Mandatory | 4 | January | |
| F20AA | Applied Text Analytics | Optional | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Science

| Programme Name | | : BSc Computer Science | | | | |
|--|--|------------------------|---------------------|------|--|-----------------------------|
| Programme Code | | : F291-COS | | | | |
| Mode of Study | | : Full Time | | | | |
| Key Contacts | | | | | | |
| Designation | | Name | | | Contact Email | |
| Programme Director | | Dr Mahmoud Mousa | | | m.mousa@hw.ac.uk | |
| Year 1 Coordinator | | Dr Cristina Turcanu | | | cristina.turcanu@hw.ac.uk | |
| Year 2 Coordinator | | Dr Drishty Sobnath | | | d.sobnath@hw.ac.uk | |
| Year 3 Coordinator | | Mr. Md Azher Uddin | | | m.uddin@hw.ac.uk | |
| Year 4 Coordinator | | Ali Muzaffar | | | Ali.Muzaffar@hw.ac.uk | |
| Course Code | Course Title | | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | | |
| Year 1 | | | | | | |
| September Semester – 4 Mandatory Courses | | | | | | |
| F17LP | Logic & Proof | | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27PX | Praxis | | Mandatory | 1 | September | |
| F27SA | Software Development 1 | | Mandatory | 1 | September | |
| F27ID | Intro to Interaction Design | | Mandatory | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | | |
| F27CS | Intro to Computer Systems | | Mandatory | 1 | January | Jan 2025 To May 2025 |
| F27SB | Software Development 2 | | Mandatory | 1 | January | |
| F27WD | Web Design & Databases | | Mandatory | 1 | January | |
| F17SC | Discrete Mathematics | | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | | |
| Year 2 | | | | | | |
| September Semester – 4 Mandatory Courses | | | | | | |
| F28PL | Programming Languages | | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28WP | Web Programming | | Mandatory | 2 | September | |
| F28ED | Experimental Design | | Mandatory | 2 | September | |
| F28SG | Introduction to Data Structures & Algorithms | | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | | |
| F28DA | Data Structures & Algorithms | | Mandatory | 2 | January | Jan 2025 To May 2025 |
| F28DM | Database Management Systems | | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | | Mandatory | 2 | January | |
| Year 3 | | | | | | |
| September Semester – 4 Mandatory Courses | | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29DC | Data Communications & Networking | | Mandatory | 3 | September | |
| F29FA | Foundations 1 | | Mandatory | 3 | September | |
| F29SO | Software Engineering | | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| January Semester – 4 Mandatory Courses | | | | | |
|---|---|-----------|---|-----------|-----------------------------|
| F29FB | Foundations 2 | Mandatory | 3 | January | Jan 2025 To May 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 1 Mandatory and 3 Optional Courses | | | | | |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20SA | Statistical Modelling & Analysis | Optional | 4 | September | |
| F20RO | Intelligent Robotics | Optional | 4 | September | |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20IF | Information Systems Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Software Engineering | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| F20GA | 3D Graphics & Animation | Optional | 4 | September | |
| F20BC | Biologically Inspired Computation | Optional | 4 | September | |
| F20DL | Data Mining & Machine Learning | Optional | 4 | September | |
| January Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20PB | Design & Implementation | Mandatory | 4 | January | Jan 2025 To May 2025 |
| F20PC | Project Testing & Presentation | Mandatory | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |
| F20AA | Applied Text Analytics | Optional | 4 | January | |
| F20GP | Computer Games Programming | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Systems (Computer Games Programming)

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|--|--|----------------------------|-------------|--|-----------------------------|
| Programme Name | : BSc Computer Systems (Computer Games Programming) | | | | |
| Programme Code | : F2C2-CGP | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | | | Contact Email | |
| Programme Director | Dr Fadi Alhaddadin | | | f.haddad@hw.ac.uk | |
| Year 1 Coordinator | Dr Cristina Turcanu | | | cristina.turcanu@hw.ac.uk | |
| Year 2 Coordinator | Dr Drishty Sobnath | | | d.sobnath@hw.ac.uk | |
| Year 3 Coordinator | Dr Md Azher Uddin | | | m.uddin@hw.ac.uk | |
| Year 4 Coordinator | Ali Muzaffar | | | Ali.Muzaffar@hw.ac.uk | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F27PX | Praxis | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Introduction to Interaction Design | Mandatory | 1 | September | |
| F17LP | Logic & Proof | Optional | 1 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F27SB | Software Development 2 | Mandatory | 1 | January | Jan 2025 To May 2025 |
| F27WD | Web Design & Databases | Mandatory | 1 | January | |
| F27CS | Introduction to Computer Systems | Mandatory | 1 | January | |
| C17PS | Becoming a Professional | Optional | 1 | January | |
| F17SC | Discrete Mathematics | Optional | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28PL | Programming Languages | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28ED | Experimental Design | Mandatory | 2 | September | |
| F28SG | Intro Data Struct & Algorithms | Mandatory | 2 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F28DA | Data Structures & Algorithms | Mandatory | 2 | January | Jan 2025 To May 2025 |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Optional | 2 | January | |
| C18OP | Operations Management | Optional | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | Mandatory | 3 | September | Sept 2024 To |
| F29DC | Data Communications & Networking | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

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|--|---|-----------|---|-----------|-----------------------------|
| F29KM | Knowledge Management | Mandatory | 3 | September | Dec 2024 |
| F29SO | Software Engineering | Mandatory | 3 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F29SS | Sociotechnical & Software Systems | Mandatory | 3 | January | Jan 2025 To May 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20GA | 3D Graphics & Animation | Mandatory | 4 | September | |
| F20SA | Statistical Modelling & Analysis | Optional | 4 | September | |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20IF | Information Systems Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Software Engineering | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F20GP | Computer Games Programming | Mandatory | 4 | January | Jan 2025 To May 2025 |
| F20PB | Design & Implementation | Mandatory | 4 | January | |
| F20PC | Project Testing & Presentation | Mandatory | 4 | January | |
| F20DE | Digital and Knowledge Economy | Optional | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Computer Systems

| Programme Name | : BSc Computer Systems | | | | |
|---|--|--|------|-----------|-----------------------------|
| Programme Code | : F2CC-CSE | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Fadi Alhaddadin | f.haddad@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Cristina Turcanu | cristina.turcanu@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Drishty Sobnath | d.sobnath@hw.ac.uk | | | |
| Year 3 Coordinator | Dr Md Azher Uddin | m.uddin@hw.ac.uk | | | |
| Year 4 Coordinator | Ali Muzaffar | Ali.Muzaffar@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F27PX | Praxis | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F27ID | Introduction to Interaction Design | Mandatory | 1 | September | |
| F17LP | Logic & Proof | Optional | 1 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F27SB | Software Development 2 | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F27WD | Web Design & Databases | Mandatory | 1 | January | |
| F27CS | Introduction to Computer Systems | Mandatory | 1 | January | |
| C17PS | Becoming a Professional | Optional | 1 | January | |
| F17SC | Discrete Mathematics | Optional | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F28PL | Programming Languages | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F28WP | Web Programming | Mandatory | 2 | September | |
| F28ED | Experimental Design | Mandatory | 2 | September | |
| F28SG | Introduction to Data Structures & Algorithms | Mandatory | 2 | September | |
| January Semester – 3 Mandatory and 1 Optional Course(s) | | | | | |
| F28DA | Data Structures & Algorithms | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| F28HS | Hardware-Software Interface | Optional | 2 | January | |
| C18OP | Operations Management | Optional | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence & Intelligent Agents | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29DC | Data Communications & Networking | Mandatory | 3 | September | |
| F29KM | Knowledge Management | Mandatory | 3 | September | |
| F29SO | Software Engineering | Mandatory | 3 | September | |

Undergraduate Taught Programme Guide – September Intake

| January Semester – 4 Mandatory Courses | | | | | |
|--|---|-----------|---|-----------|-----------------------------|
| F29SS | Sociotechnical & Soft Systems | Mandatory | 3 | January | Jan 2025 To Apr 2025 |
| F29LP | Language Processors | Mandatory | 3 | January | |
| F29OC | Operating Systems & Concurrency | Mandatory | 3 | January | |
| F29PD | Professional Development | Mandatory | 3 | January | |
| Year 4 | | | | | |
| September Semester – 1 Mandatory and 3 Optional Courses | | | | | |
| F20PA | Research Methods & Requirements Engineering | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F20CN | Computer Network Security | Optional | 4 | September | |
| F20IF | Information System Methodologies | Optional | 4 | September | |
| F20RS | Rigorous Methods for Software Engineering | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| F20GA | 3D Graphics & Animation | Optional | 4 | September | |
| F20SA | Statistical Modelling & Analysis | Optional | 4 | September | |
| January Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F20PB | Design & Implementation | Mandatory | 4 | January | Jan 2025 To Apr 2025 |
| F20PC | Project Testing & Presentation | Mandatory | 4 | January | |
| F20DE | Digital and Knowledge Economy | Optional | 4 | January | |
| F20FO | Digital Forensics | Optional | 4 | January | |
| F20GP | Computer Games Programming | Optional | 4 | January | |
| F20AD | Advanced Human Computer Interaction | Optional | 4 | January | |
| F20BD | Big Data Management | Optional | 4 | January | |
| F20EC | E-Commerce Technology | Optional | 4 | January | |
| F20AN | Advanced Network Security | Optional | 4 | January | |
| F20DV | Data Visualisation Analytics | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Data Sciences

| Programme Name | : BSc Data Sciences | | | | |
|---|--|--|------|-----------|-----------------------------|
| Programme Code | : F902-MDS | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Maheen Hasib | M.Hasib@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Haslifah Hasim | h.hasim@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Maheen Hasib | M.Hasib@hw.ac.uk | | | |
| Year 3 Coordinator | Dr Eric Aidoo | E.Aidoo@hw.ac.uk | | | |
| Year 4 Coordinator | Dr Nasreddine Megrez | n.megrez@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F27SA | Software Development 1 | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F17CA | Calculus A | Mandatory | 1 | September | |
| F77SA | Topics in Statistical Pract | Mandatory | 1 | September | |
| F17LP | Logic and Proof | Optional | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F27SB | Software Development 2 | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F27WD | Web Design and Databases | Mandatory | 1 | January | |
| F77SB | Intro to Statistical Science B | Mandatory | 1 | January | |
| F17CB | Calculus B | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F18CF | Linear Algebra | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F78PA | Probability and Statistics A | Mandatory | 2 | September | |
| F18CD | Calculus & Real Analysis A | Mandatory | 2 | September | |
| F78AP | Algorithmic Scientific Prog | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F18CE | Multivariable Calculus | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F78PB | Probability and Statistics B | Mandatory | 2 | January | |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| F28SD | Intro to Software Eng | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F29AI | Artificial Intelligence and Intelligent Agents | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F29SO | Software Engineering | Mandatory | 3 | September | |
| F79MA | Statistical Models A | Mandatory | 3 | September | |
| F79PS | Further Statistical Methods | Mandatory | 3 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |

Undergraduate Taught Programme Guide – September Intake

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|--|--|-----------|---|-----------|-----------------------------|
| F29PD | Professional Development | Mandatory | 3 | January | Jan 2025 To Apr 2025 |
| F79BI | Bayesian Inference & Computation Methods | Mandatory | 3 | January | |
| F79MB | Statistical Models B | Mandatory | 3 | January | |
| F20DV | Data Visualisation Analytics | Optional | 3 | January | |
| Year 4 | | | | | |
| September Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F90XA | Dissertation A | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F70TS | Time Series | Mandatory | 4 | September | |
| F79SP | Stochastic Processes | Optional | 4 | September | |
| F20SC | Industrial Programming | Optional | 4 | September | |
| January Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F90AM | Advanced Machine Learning | Mandatory | 4 | January | Jan 2025 To Apr 2025 |
| F20BD | Big Data Management | Mandatory | 4 | January | |
| F90XB | Dissertation B | Mandatory | 4 | January | |
| F70ST | Statistics Special Topic | Optional | 4 | January | |

Undergraduate Taught Programme Guide – September Intake

BSc Statistical Data Science

| Programme Name | : BSc Statistical Data Science | | | | |
|---|--|--|------|-----------|-----------------------------|
| Programme Code | : F740-SDS | | | | |
| Mode of Study | : Full Time | | | | |
| Key Contacts | | | | | |
| Designation | Name | Contact Email | | | |
| Programme Director | Dr Haslifah Hasim | h.hasim@hw.ac.uk | | | |
| Year 1 Coordinator | Dr Haslifah Hasim | h.hasim@hw.ac.uk | | | |
| Year 2 Coordinator | Dr Maheen Hasib | M.Hasib@hw.ac.uk | | | |
| Year 3 Coordinator | Dr Eric Aidoo | E.Aidoo@hw.ac.uk | | | |
| Year 4 Coordinator | Dr Nasreddine Megrez | n.megrez@hw.ac.uk | | | |
| Course Code | Course Title | Mandatory /Optional | Year | Semester | Semester Dates |
| New Students | | | | | |
| Year 1 | | | | | |
| September Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F17CA | Calculus A | Mandatory | 1 | September | Sept 2024 To Dec 2024 |
| F77SA | Introduction to Statistical Science A | Mandatory | 1 | September | |
| F27SA | Software Development 1 | Mandatory | 1 | September | |
| F17LP | Logic & Proof | Optional | 1 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F77SB | Introduction to Statistical Science B | Mandatory | 1 | January | Jan 2025 To Apr 2025 |
| F17CB | Calculus B | Mandatory | 1 | January | |
| F27SB | Software Development 2 | Mandatory | 1 | January | |
| F27WD | Web Design and Databases | Mandatory | 1 | January | |
| Direct Entry & Continuing Students | | | | | |
| Year 2 | | | | | |
| September Semester – 4 Mandatory Courses | | | | | |
| F78PA | Probability and Statistics A | Mandatory | 2 | September | Sept 2024 To Dec 2024 |
| F18CD | Calculus & Real Analysis A | Mandatory | 2 | September | |
| F78AP | Algorithmic Scientific Prog | Mandatory | 2 | September | |
| F18CF | Linear Algebra | Mandatory | 2 | September | |
| January Semester – 4 Mandatory Courses | | | | | |
| F18CE | Calculus & Real Analysis B | Mandatory | 2 | January | Jan 2025 To Apr 2025 |
| F78PB | Probability and Statistics B | Mandatory | 2 | January | |
| F28SD | Introduction to Software Engineering | Mandatory | 2 | January | |
| F28DM | Database Management Systems | Mandatory | 2 | January | |
| Year 3 | | | | | |
| September Semester – 3 Mandatory and 1 Optional Courses | | | | | |
| F79SP | Stochastic Processes | Mandatory | 3 | September | Sept 2024 To Dec 2024 |
| F79MA | Statistical Models A | Mandatory | 3 | September | |
| F79PS | Statistics for Social Science | Mandatory | 3 | September | |
| F29AI | Artificial Intelligence and Intelligent Agents | Optional | 3 | September | |
| January Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F79MB | Statistical Models B | Mandatory | 3 | January | Jan 2025 To |
| F79BI | Bayesian Inference & Computation Methods | Mandatory | 3 | January | |

Undergraduate Taught Programme Guide – September Intake

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|--|----------------------------------|-----------|---|-----------|-----------------------------|
| F28DM | Database Management Systems | Optional | 3 | January | Apr 2025 |
| F79SU | Survival Models | Optional | 3 | January | |
| Year 4 | | | | | |
| September Semester – 2 Mandatory and 2 Optional Courses | | | | | |
| F70DA | Statistics Dissertation A | Mandatory | 4 | September | Sept 2024 To Dec 2024 |
| F70TS | Time Series and Machine Learning | Mandatory | 4 | September | |
| F10DA | Data Assimilation | Optional | 4 | September | |
| F29AI | Artificial Intelligence | Optional | 4 | September | |
| January Semester – 1 Mandatory and 3 Optional Courses | | | | | |
| F70DB | Statistics Dissertation B | Mandatory | 4 | January | Jan 2025 To Apr 2025 |
| F20BD | Big Data Management | Optional | 4 | January | |
| F70ST | Statistics Special Topic | Optional | 4 | January | |
| F20DV | Data Visualisation and Analytics | Optional | 4 | January | |
| F28DM | Database Management Systems | Optional | 4 | January | |