MSc (FHEQ Level 7) 2024-25

MSc Data Science

January Start

**Compulsory Modules**

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| **Jan-June 24-25** | **Sept-Jan 25-26** |
| [**CSCM10**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM10&ayrc=25/26&occur=A&pslCode=TB2)  **Computer Science Project Research Methods**  **15 Credits** | [**CSCM445**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM445&ayrc=25/26&occur=A&pslCode=TB1)  **Machine Learning**  **20 Credits** |
| [**CSCM35**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM35&ayrc=25/26&occur=A&pslCode=TB2)  **Big Data and Data Mining**  **15 Credits** | [**CSCM072**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM072&ayrc=25/26&occur=A&pslCode=TB1)  **Optimisation Techniques**  **20 Credits** |
| [**CSCM37**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM37&ayrc=25/26&occur=A&pslCode=TB2)  **Data Visualisation**  **15 Credits** |  |
| [**CSCM39**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM39&ayrc=25/26&occur=A&pslCode=TB2)  **Human Computer Interaction**  **15 Credits** |  |
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| **Research Project- June-September 25-26** | |
| [**CSPM20J**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSPM20J&ayrc=25/26&occur=A&pslCode=TB1%2B2)  **MSc Project**  **60 Credits**  **CORE** | |
| **Total 180 Credits** | |

**Optional Modules**

Choose exactly 20 credits

Guidance Note:

Graduates from our BSc programmes in Computer Science at Swansea University are usually not allowed to take modules of which they have already taken the level 3 version. The department aims to offer sufficient modules to allow a balanced choice of optional modules. In case of queries regarding the required modules for your scheme, please contact the course coordinator for the respective scheme.

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| [**CSCM985**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM985&ayrc=25/26&occur=A&pslCode=TB1) | Logics, Modelling and Verification Techniques | Sep-Jan | 20 |
| [**CSCM598**](https://intranet.swan.ac.uk/CourseModules/Maintenance/Print?modCode=CSCM598&ayrc=25/26&occur=A&pslCode=TB1) | Operating Systems and Architectures | Sep-Jan | 20 |