

CIM MASTERS OPTIONAL MODULE SELECTION GUIDE

Course structures and CATs (credits)

The total number of CATs required for a masters degree is 180. Students are not normally permitted to choose modules worth more. To balance your workload, we recommend that you take modules worth 60 CATs each term, and no more than 75 CATs in any one term.

MA Digital Media and Culture

Students are required to study **three** core modules:

- 1) Term 1 - IM902 Approaches to the Digital – 30 CATs
- 2) Term 2 - IM904 Digital Objects – 30 CATS
- 3) Term 3 - IM906 Dissertation – 60 CATs

This adds up to 120 CATs. This means you are allowed to **choose modules worth 60 CATs as options**. For example, you can take 2* 30-CAT, 3* 20-CAT, 2*15 + 1*30-CAT options etc, where available.

MSc Big Data and Digital Futures

Students have the option to choose two of their core modules. The **modules you can choose from are in red** and the modules in **black** are mandatory. Students on this degree will study four core modules:

- 1) Term 1 **IM939 - Data Science Across Disciplines: Principles, Practice and Critique – 20 CATs** or **PO91Q - Fundamentals in Quantitative Research Methods – 20 CATs** and IM952/QS906 - Big Data Research: Hype or Revolution? – 20 CATs
- 2) Term 2 **IM950 - Scaling Data and Societies – 20 CATs** or **PO92Q - Advanced Quantitative Research – 20 CATs**
- 3) Term 3 - IM906 Dissertation – 60 CATs

This adds up to 120 CATs. This means you are allowed to **choose modules worth 60 CATs as options**. For example, you can take 2* 30-CAT, 3* 20-CAT, 2*15 + 1*30-CAT options etc., where available.

MASc Data Visualisation

Students have the option to choose two of their core module CATs weightings in Term 2. The **module weightings you can choose from are in red** and the modules in **black** are mandatory. Students on this degree will have to study four core modules:

- 1) Term 1 IM942 – Visualisation Foundations – 30 CATs
- 2) Term 2 IM946 - Advanced Visualisation Design Labs – **20 CATs or 30 CATs** and IM949 - Data Visualisation in Science, Culture and Public Policy – **20 CATs or 30 CATs**
- 3) Term 3 IM945 – Final Project – 60 CATs

Based on the CAT weightings you choose for your core modules in Term 2, your total core modules will add up to 130, 140 or 150 CATs. You then need to choose option modules worth 50, 40 or 30 CATs to take the 180 CATs required for your masters degree. For example, you can take 1* 20-CAT + 1*30 CATs, 2*15 + 1*20 CATs options etc., where available.

Module Information and Overviews

- **Option availability** to students in 2023-24 is summarised by course in the grids at the bottom of this guide. We strongly expect all modules listed to run, but please note that this is subject to student demand.
- **Details of the core and all optional modules** offered by CIM, including the CATs value of each and the Term in which they will be taught, are available [here](#). Please study these carefully before registering your choices.
- **Video overviews** of all optional modules offered to CIM students will be available from 12:00 noon BST on **Monday 11 September** via the [CIM Welcome website](#)
- **External modules:** The Computer Science modules available to **CIM MSc/MASc students** are CS909, CS910 and CS918 and details can be found [here](#). The Psychology optional modules available to CIM MSc and MASc students are [PS923](#) and [PS919](#). These modules require mathematical/statistical backgrounds: **please check the academic pre-requisites carefully.**

Selection Procedure

You will be asked to submit a **webform** indicating your choices by **12:00 noon BST on Monday 18th September**. The form will open on the [CIM Welcome website](#) at **12:00 noon BST on Monday 11th September**.

The webform will ask you to indicate your preferred core module (for MSc/MASc students) and optional module selection, as well as two reserve optional module choices. We will endeavor to allocate you a place on your preferred optional modules, but this may not be possible.

Please do not email us to enquire about your options. All CIM students' form submissions will be considered from noon on 18 September, and students will be advised of their registrations via email and the Tabula coursework administration system towards the end of Welcome Week.

Please note that CIM students are NOT able to register their optional modules via any Warwick systems. **CIM administrative staff will do this on your behalf.**

MA Digital Media & Culture – Optional Module Availability

Module Title	Term	CATs weighting available
IM901 Cultures of the Digital Economy	Term 1	20/30
IM923 User interface Cultures: Design, Method and Critique	Term 1	20/30
IM931 Interdisciplinary Approaches to Machine Learning	Term 1	15/20/30
IM939 Data Science Across Disciplines: Principles, Practice and Critique	Term 1	15/20/30
IM942 Visualisation Foundations*	Term 1	15/20/30
IM952 Big Data Research: Hype or Revolution?	Term 1	20/30
PO91Q Fundamentals in Quantitative Research Methods	Term 1	20
IM919 Urban Data	Term 2	15/20/30
IM920 Digital Sociology	Term 2	20/30
IM946 Advanced Visualisation Design Labs*	Term 2	20/30
IM948 Platform Economy, Society and Culture	Term 2	20/30
IM949 Data Visualisation in Science in Culture and Public Policy	Term 2	20/30
IM950 Scaling Data and Societies	Term 2	20
IM954 Generative AI: Histories, Techniques, Cultures, and Impacts	Term 2	20/30
PO92Q Advanced Quantitative Research	Term 2	20

***Students who opt to follow IM946 (Advanced Visualisation Labs) in Term 2 are required to follow IM942 (Visualisation Foundations) at 20 or 30 CATs during Term 1**

MSc Big Data & Digital Futures – Optional Module Choices		
Module Title	Term	CATs weighting available
IM901 Cultures of the Digital Economy	Term 1	20/30
IM902 Approaches to the Digital	Term 1	20/30
IM923 User interface Cultures: Design, Method and Critique	Term 1	20/30
IM931 Interdisciplinary Approaches to Machine Learning	Term 1	15/20/30
IM939 Data Science Across Disciplines: Principles, Practice and Critique	Term 1	15/20/30
IM942 Visualisation Foundations	Term 1	15/20/30
CS910 Foundations of Data Analytics**	Term 1	15
PS923 Methods and Analysis in Behavioural Science**	Term 1	15
CS918 Natural Language Processing*	Term 1	15
PO91Q Fundamentals in Quantitative Research Methods	Term 1	20
IM904 Digital Objects, Digital Methods	Term 2	20/30
IM919 Urban Data	Term 2	15/20/30
IM920 Digital Sociology	Term 2	20/30
IM946 Advanced Visualisation Design Labs*	Term 2	20/30
IM948 Platform Economy, Society and Culture	Term 2	20/30
IM949 Data Visualisation in Science, Culture and Public Policy	Term 2	20/30
IM950 Scaling Data and Societies	Term 2	20
IM954 Generative AI: Histories, Techniques, Cultures, and Impacts	Term 2	20/30
PS919 – Behavioural Change, Nudging and Persuasion**	Term 2	15
CS909 Data Mining**	Term 2	15
PO92Q Advanced Quantitative Research	Term 2	20

*Students who opt to follow IM946 (Advanced Visualisation Labs) in Term 2 are required to follow IM942 (Visualisation Foundations) at 20 or 30 CATs during Term 1.

**PS919, PS923, CS909, CS918 & CS910 require mathematical/statistical backgrounds and an interest in programming, and are *quantitative* in nature. Please consult the relevant module pages before requesting registration. Please feel free to discuss with the modules convenors or degree convenors if you have any questions.

MASc Data Visualisation – Optional Module Choices		
Module Title	Term	CATs weighting available
IM901 Cultures of the Digital Economy	Term 1	20/30
IM902 Approaches to the Digital	Term 1	20/30
IM923 User interface Cultures: Design, method and Critique	Term 1	20/30
IM931 Interdisciplinary Approaches to Machine Learning	Term 1	15/20/30
IM939 Data Science Across Disciplines: Principles, Practice and Critique	Term 1	15/20/30
IM952/QS906 Big data Research: Hype or Revolution?	Term 1	20/30
PO91Q Fundamentals in Quantitative Research Methods	Term 1	20
CS910 Foundations of Data Analytics*	Term 1	15
CS918 Natural Language Processing*	Term 1	15
PS923 Methods and Analysis in Behavioural Science*	Term 1	15
IM904 Digital Objects, Digital Methods	Term 2	20/30
IM919 Urban Data	Term 2	15/20/30
IM920 Digital Sociology	Term 2	20/30
IM948 Platform Economy, Society and Culture	Term 2	20/30
IM950 Scaling Data and Societies	Term 2	20
IM954 Generative AI: Histories, Techniques, Cultures, and Impacts	Term 2	20/30
PS919 – Behavioural Change, Nudging and Persuasion*	Term 2	15
CS909 Data Mining*	Term 2	15
PO92Q Advanced Quantitative Research	Term 2	20

***PS919, PS923, CS909, CS918, CS910 require mathematical/statistical backgrounds and an interest in programming, and are *quantitative* in nature. If in doubt, please consult the module webpages before registering your interest. Please feel free to discuss with the module convenors or degree convenors if you have any questions.**

