

# MSc Advanced Computing-Machine Learning, Data Mining and High-Performance Computing

## Programmes Covered

Advanced Computing: Machine Learning, Data Mining and High-Performance Computing (MSc)

Applicants should also refer to the relevant prospectus entry for further programme details.

This admissions statement should be read in association with the [University Admissions Principles and Procedures for Postgraduate Taught Programmes](#).

## Faculty

Faculty of Engineering

## Admissions team and contact details

Postgraduate Admissions Team  
3rd Floor, Howard House  
Queen's Avenue  
Bristol  
BS8 1SN, UK

Email: [choosebristol-pg@bristol.ac.uk](mailto:choosebristol-pg@bristol.ac.uk)

Telephone: +44 0117 394 1649

## Admissions cycle

2017

## Application process

### Online application

Please ensure you upload all documents in the online application form and do not send any paper documents. No emailed documents will be considered.

Applicants should complete the online application form, uploading all required documents directly into the application form. Guidance on uploading documents can be found in the [How to Apply FAQs](#).

Applicants should make every effort to choose the correct programme in the application form by reading the prospectus entry and admissions statements fully. Applicants should contact the relevant Admissions Team if clarification is required.

### Application Deadline

There is an application deadline for this programme, which is displayed on the individual programme page within the [University course finder](#).

### Required documents

All documents must be translated into English. Degree certificates and transcripts should be certified copies and list subjects taken and grades/degrees achieved. If your degree is not yet complete, please provide transcripts of subjects taken and marks achieved to date. All documents must be uploaded into the online application form unless otherwise noted. Applicants who have already submitted an application can upload

additional documents into the 'Post-submission uploads' section. You can find information about how to upload documents to your application form in our [How to Apply FAQs](#).

Required documents for this programme are:

- Two academic references (minimum)
- Any references from engineering companies including industrial placements.
- Degree certificate(s) and transcripts from first and subsequent degrees when available. These must include scans of the originals as well as certified translations of documents in any language other than English.
- Personal statement, including a brief summary which sets out the extent of your programming experience, stating languages used and your proficiency in each.
- English language certificates if English is not your native language and your undergraduate degree was not in an English speaking country (please see the English Language Requirements list of English speaking countries.)

Research statements and research training statements are not required for this programme.

A CV is not required but can help your application. You can include details of other relevant qualifications to assist with your application. Please do not include any school (pre-university) certificates.

## Interviews

Interviews are not normally part of the selection process.

## Correspondence with applicants

Applicants will normally receive communication via email to the email address used to set up their application form account. Applicants should ensure that this profile email address is kept up-to-date.

## Admissions criteria

### Academic entry requirements

An upper second class honours degree (or a strong international equivalent) in Computer Science or a related discipline with substantial computer science content. Information Systems degrees will generally not be considered as a related discipline for this programme. Good programming skills, good knowledge of data structures and a good knowledge of discrete maths are essential. Programming skills should be demonstrated in C or C++ unless other relevant programming experience can be demonstrated to be substantial.

For information on international equivalent qualifications, please see our [International Office](#) website.

### English language criteria for non-native English speakers

For applicants whose first language is not English, it is necessary to achieve a minimum score in an approved English language test specified in Profile E of the [University's English Language Requirements Policy](#).

You can find information about the University of Bristol's Pre-Sessional English courses at the [Centre for English Language and Foundation Studies website](#).

### Reference criteria

References should either be submitted directly by the referee using the online reference form, or submitted directly by the applicant, ensuring that the reference is dated within the last two years. References uploaded by the applicant should be on official headed paper showing the referee's full contact details, and signed by the referee. Applicants should submit a minimum of two academic references and any references from engineering companies including industrial placements.

## Personal statement criteria

Personal statements should highlight the motivation for applying for the course, and any relevant experience and/or skills. This should include a brief summary of your programming experience, stating languages used and your proficiency in each.

## Additional requirements

There are no additional requirements for this programme.

## Selection process and offers

### Selection process

All applications are considered in accordance with the [University's policy on equality and diversity](#). The University of Bristol upholds the principles of equality and diversity, respect and dignity. Candidates are not discriminated against on the grounds of race, ethnicity, nationality, gender, sexuality, religion or belief, disability, health or age.

Complete applications are assessed by a centralised team in close co-operation with the Academic Admissions Tutor(s). Applicants must satisfy the following:

1. Degree requirement
2. English requirement
3. Programming requirement
4. Provide adequate references

### Decisions

Applicants will be notified by email when a decision has been made and decision letters will be available to view and print by logging into their application. If there is a deadline by which applicants must accept their offer of admission, this will be stated in the offer letter.

### Deferrals

Deferred entry is available. Please contact the central admissions team by emailing [choosebristol-pg@bristol.ac.uk](mailto:choosebristol-pg@bristol.ac.uk) if you would like to defer your start date.

### Deposits

International self-funded students are required to pay a deposit of £1000. You can pay this deposit online at <http://bris.ac.uk/online-payments/deposits> using a credit or debit card. Alternatively you can pay through our PaytoStudy account at [www.bristol.ac.uk/paytostudy](http://www.bristol.ac.uk/paytostudy). PaytoStudy is an international payment solution which offers competitive exchange rates. Where PaytoStudy has a local bank account, all wire fee charges will be eliminated and you will be able to pay in your local currency to a local bank account.

The deposit is non-transferable and non-refundable except under the circumstances outlined in the International Deposits Refund Policy which is available at:

<http://www.bris.ac.uk/academicregistry/office/policies/idrp.html>

You may pay your deposit in advance of meeting the conditions of your offer. If you subsequently fail to meet the conditions attached to your offer and are therefore rejected from your course on academic grounds then a refund will be made to you. To make the payment you will need your student number which you will find in your offer letter.

### ATAS

An ATAS certificate is not required.