# Application form – Master of Science in Data Science

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| **First name** | **Last name** |
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Please provide in this letter information about your motivation for applying to NMBU’s MSc in Data Science programme and details about how you fulfill the admissions requirements for the programme.

Motivation

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| Your motivation to study Data Science at NMBU (max 500 characters) |
| Click here to enter text.  |

## Qualification

Please document how you fulfill the requirements for admission to our MSc in Data Science programme:

*Higher Education Entrance Qualification and a completed bachelor's degree comparable to a Norwegian bachelor's degree, including a specialization worth 80 ECTS.*

*Applicants must have courses in*

* *Mathematics, statistics and informatics of at least 40 ECTS total, of which*
* *at least 20 ECTS in Mathematics (Calculus, Linear Algebra),*
* *at least 5 ECTS in Statistics and*
* *at least 5 ECTS in Informatics (Programming).*
* *There is a minimum mark requirement of C = 3.0 (on a scale of 5) for admission.*

In the tables below, list all courses relevant to each subject area and for each course give

* a short description of topics covered in the course
* the volume of the course in ECTS credits

Please see the end of this document for information on how to convert credits to the ECTS scale.

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| MATHEMATICS\* (Minimum 20 ECTS) |
| **Course code and name** | **Brief course description/list of main topics** | **ECTS** |
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\*Economics or finance courses do not generally qualify toward the requirement in mathematics, as we are looking for courses in calculus, linear algebra, numerical methods etc. However, please list economic courses and their course content if you feel they can fulfill the mathematics requirement, and we will evaluate their relevance.

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| PROGRAMMING/INFORMATICS (Minimum 5 ECTS) |
| **Course code and name** | **Brief course description/list of main topics** | **ECTS** |
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| STATISTICS (Minimum 5 ECTS) |
| **Course code and name** | **Brief course description/list of main topics** | **ECTS** |
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## Conversion to ECTS Credits

If your university does not use ECTS as its credit system, please convert your credits to ECTS. A full year of studies corresponds to 60 ECTS credits.

### Example

1. A full year of studies in your bachelor programme consisted of 100 credits at your university.
2. Thus, 1 credit of your programme counts as 60/100 = 0.6 ECTS credits.
3. Your Calculus course comprised 12 credits, corresponding to 12 x 0.6 = 7.2 ECTS credits.