# Motivation statement and qualification checklist

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| Applicant’s name: |
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**Motivation statement:**

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| Brief motivation to why you are applying to the Cold Climate Engineering programme: |
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**Qualification checklist:**

In the tables below, please specify the title of your bachelor degree and the names and credits of the courses in your academic transcript that make you fulfilling the admission requirements for the track you are applying to. Please note the difference in Bachelor degree requirements for each track.

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| Full title of bachelor degree: |
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# **Land track:**

Civil Engineering or similar BSc

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| Mathematics (30 ECTS required, of which 5 within Statistics) |
| Applicant’s courses: | Local credits: | Corresponding ECTS: |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |

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| --- |
| Physics (20 ECTS required) |
| Applicant’s courses: | Local credits: | Corresponding ECTS: |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

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| --- |
| Basics in Engineering Geology, Geotechnics and Soil Mechanics |
| Applicant’s courses: | Local credits: | Corresponding ECTS: |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

# **Sea track:**

Mechanical BSc or similar

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| Mathematics (30 ECTS required, of which 5 within Statistics) |
| Applicant’s courses: | Local credits: | Corresponding ECTS: |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |

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| --- |
| Physics/mechanics/thermodynamics (20 ECTS required) |
| Applicant’s courses: | Local credits: | Corresponding ECTS: |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

# **Space track:**

Physics/electrical engineering BSc or similar

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| Electronics, mathematics, basic programming skills, physics (at least 50 ECTS) |
| Applicant’s courses: | Local credits: | Corresponding ECTS: |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |
| 11 |  |  |  |
| 12 |  |  |  |

At some universities mathematics etc. are taught as an integrated part of a course without being specifically mentioned in the name of the course. If you for instance have done a course on Numerical Fluid Mechanics for a total of 10 ECTS, and you estimate that 30 per cent deals with solution of linear equations (i.e. linear algebra), you list the course “Numerical Fluid Mechanics” in the Mathematics sheet, and give “3/10” in the corresponding ECTS column.

60 ECTS corresponds to one year full-time studies.

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| Comment to requirement checklist: |
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