

## Checklist

## Master's Geodesy and Geoinformatics

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You have to upload to the HCU cloud in a **PDF file** (maximum 70 MB) the below mentioned documents until the application deadline.

The PDF file have to be named as follows: **surname\_first name\_ahoi application number**

After submitting the ahoi online application, you will receive the upload link by email.

The **printed ahoi online application**

### Entry requirements

A **certificate of your first academic degree** in Geodesy and Geoinformatics or a related Geo-scientific, technical or engineering degree programme


If the result of your first academic degree is not available before the end of the application period, please submit a simple copy of your **Transcript of Records showing your current Grade Point Average (GPA) and academic records with a minimum of 130 Credit Points (CP)** reached (HCU internal students print the Transcript of Records directly from the ahoi account). Please note that at least 75 CP need to result from already graded achievements. At the beginning of your master studies, outstanding examination achievements shall not exceed 15 CP. With the application for enrolment you have to submit a declaration saying that the expected outstanding examination achievements of 15 CP will be provided not later than until the end of the first semester of your master studies. The evidence of your obtained first academic degree has to be submitted by the 15<sup>th</sup> of the second month of your second semester during your master studies. If you do not acquire your first academic degree in due time, a deregistration from the university will be processed and internal HCU students will be demoted to the respective bachelor study programme.

If the specialisation '**Hydrography**' has been chosen, the **evidence of English language proficiency** can be provided by submitting one of the following supporting documents:

1. A certificate of a passed internationally accepted language test:

- Test of English as a Foreign Language (TOEFL) as an internet-based test (TOEFL iBT) with at least 88 points or as an Institutional Testing Program (TOEFL ITP) with at least 570 points or
- International English Language Testing System (IELTS) - Academic Test with at least band 6.0 or
- TELC - at least level B2 or

- Cambridge Preliminary English Test + Grade A (PET) or
  - Cambridge First Certificate in English + Grade B or C (FCE) or
  - Unicert II or
  - Pearson PTE Academic with at least 70 points or
2. A certificate of academic achievement from at least one year of full-time study in an English-language degree programme or
  3. A certificate of the Fachhochschulreife or a certificate of class 12 or 13 of the gymnasiale Oberstufe with the grade good (grade at least 2.3 or 10 grade points in the points system of the German gymnasiale Oberstufe) for the subject English or
  4. General school attendance for at least five years with English as language of instruction.

 International applicants applying for the specialisation ‘**Geodesy**’ or ‘**Geoinformatics**’ need to provide **evidence of German language proficiency**. In order to find out which language certificates are accepted at the HCU, please visit the HCU website under the menu item “[German language proficiency](#)”.

**Note regarding the language certificate:**

If the language certificate is not present before the end of the application period, please send a copy of your registration confirmation for the English or German language exam. You can then hand in your certificate along with your application for enrolment (during the first half of the month of August).

 **Evidence of knowledge in certain subject areas:**

a.)

for the specialization “**Geodesy**”

Proof of knowledge in all of the following subject areas

- Geodetic measurement and evaluation methods
- Mathematics
- Statistics, error theory and adjustment calculation

And four evidence from the subject areas listed below

- Geodetic networks
- Geodata analysis
- Engineering geodesy
- Photogrammetry
- Reference systems and frames
- Satellite geodesy
- Programming / Computer Science

For the specialization “**Geoinformatics**”

Three evidence from the subject areas listed below

- (Geo-) Databases
- Geodata analysis
- (Geodata) visualization (e.g. cartography)
- Programming
- Statistics
- Geodetic measurement and evaluation methods

For the specialization “**Hydrography**”

Three evidence from the subject areas listed below

- Geodetic measurement and evaluation methods
- Geodetic networks
- Geodata analysis
- Statistics and error theory or adjustment calculation
- Photogrammetry
- Reference systems and frames
- Remote sensing
- Oceanography
- Geophysics
- Marine Geology
- Hydrography (also Cat B)

In addition to the university certificates, **explanations of the contents of the above-mentioned modules to be proven** (e.g. module descriptions, excerpts from course catalogues or independent presentations of the contents) must be submitted as proof in German or English.

b.)

The relevant knowledges were acquired **through subject-specific professional experience** gained during or after the completion of the first academic degree, which is equivalent to at least **six months of full-time employment** (35 hours per week).

As proof must be submitted a **certificate from the employer** with the relevant details of the duration, working hours and work activity in German or English.

**Notes:**

This checklist does not replace the legal basis of the admission procedure applied at the HCU. You will find the Specific Admission Regulation (BZO) for the Master’s degree programme in Geodesy and Geoinformatics as well as the General Admission Regulation (AZO) of the HafenCity Universität Hamburg on the [HCU website](#). Please read those carefully in order to avoid a rejection of your application for formal reasons. Both regulations also provide further information about the evaluation and weighting on individual supporting documents. You can also find further information on the website under the menu item "[Admission procedure](#)".