Admission Regulations
First Cycle and Second Cycle Education
(Undergraduate and Master’s Education)

Academic Year 2019/20

(Note: This document is a translated copy of Chalmers admission regulations: Antagningsordning för Chalmers tekniska högskola läsåret 2019/2020, Dnr C2018-0798)
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APPENDIX: Specific course requirements, guaranteed places and accreditation for applicants from Chalmers’ internal students at bachelor’s level to master’s level and a supplementary matrix that depicts only guaranteed places and accreditation. Refer to the Swedish admission regulations for the academic year 2019/20.
Admission Regulations for Chalmers University of Technology

Chalmers University of Technology AB (hereinafter called Chalmers) has been a foundation since 1994 and the university is a private university; run in the form of a wholly-owned limited company.

As such, Chalmers does not observe rules and regulations under the Higher Education Ordinance. Chalmers highest decision-making body is its University Board; which determines questions about relationships between its students and the university. Chalmers President has established an appointment regulation for first cycle and second cycle education (undergraduate and master’s education) at Chalmers which states that “Chalmers must establish admission regulations”.

The admission regulations, entry requirements and selection methods for admissions to foundation year, bachelor’s and master’s level are stipulated in this admission regulations and the decisions hereby are decided by the Vice President of Education and Lifelong Learning. Admission regulations to research and collaboration programmes are not included in this document.

Chalmers’ official language is Swedish, and the English version of the admission regulations is only a translation. In the event of any discrepancy or inconsistency between the admission regulations in Swedish and the English translation, the established regulations in Swedish is correct, true and takes precedence.

Current academic year’s admission regulations are published at chalmers.se/insidan/EN/ (Chalmers Intranet) under > Education, research and utilisation > Education > Admissions > Admission Regulations

For comparisons purposes and prospective applicants, the current version and previous years’ admission regulations are published at chalmers.se/en under > About Chalmers > Policies and Rules > Admission Regulations

The decisions hereby that are referred to, are accessible from Chalmers Registrar.
Revised Updates in Comparison with 2018/19 Admission Regulations

Yearly Reviews
Admission rules and regulations to master’s programmes including guaranteed study places and accreditation are subjected to yearly reviews. Changes that are acknowledged by programme directors for associated bachelor’s programmes and director of studies for master’s programmes are introduced in section 10.2.3 and in associated appendix and matrix.

Admission Regulations in English from 2019/20
Chalmers official language of communication is Swedish, and the English version of the admissions regulations is only a translation copy. In the event of any discrepancy or inconsistency between the Swedish original and the English translation, the Swedish original is correct, true and takes precedence.

Mandatory Online Registration is Introduced in HT2018
More sections are updated with the reason that Chalmers introduced mandatory online registration to all programmes from HT2018 onwards. This affects all the terms and conditions for postponed enrolments and deferral of studies; refer to see section 1.5 and section 10.5.

Establishment of Three (3) New Master’s Programmes
Data Science (MPDSC) with admission from HT2019. Refer to decision Dnr C 2018-0977 and section 10.2.3.
Physics (MPPHS) with admission from HT2019 substitutes Applied Physics (MPAPP) and Physics and Astronomy (MPPAS). Refer to decision Dnr C 2018-0975 and section 10.2.3.
High-Performance Computer Systems (MPHPC) with admission from HT2019. Refer to decision Dnr C 2018-0976 and section 10.2.3.

Termination of Two (2) Master’s Programmes
Master’s programmes Applied Physics (MPAPP) and Physics and Astronomy (MPPAS) are terminated. Last admission round was completed in HT2018. These programmes are deleted from the current admission regulations. Refer to decision Dnr C 2018-0978.

Main Field of Study to Architecture for Master’s Programme Design and Construction Project Management is Removed
The master programme changes programme code to MPDCM after the removal of main field of study. Programmes that are accredited to MPDCF will continue to be accredited to MPDCM and programmes that consist of guaranteed study places to MPDCF will continue to have guaranteed study places to MPDCM. Students admitted to MPDCF have the right to terminate according to MPDCF. Students who are admitted to MPDCF will have access to courses at MPDCM to complete their studies if necessary. Refer to decision Dnr C 2018-1632.

Change in Name and Prerequisites for Shipping and Logistics
Degree programme Shipping and Logistics (180cr.) changes name to International Logistics (180cr.). Entry requirements are altered and updated. Therefore, previous field-specific entry requirements and field-specific weighted course are omitted. Refer to decision Dnr C 2018-1217 and section 1.3.1.

Guaranteed Study Places after the Completion of Foundation Year
Conditions to guaranteed study places after the completion of foundation year (in selection group ZBGAR) are updated. The conditions apply to those who will be admitted to foundation year HT2019 till further notice including students who were admitted in HT2018. (transitional rules) Admission regulations 2018/19 apply to previous application rounds. The background to the change is a new regulation, qualifications and higher education. (2018:1519)

Forthcoming Changes for Autumn Semester 2019
From autumn semester 2019, changes of regulations and processes will take place concerning Chalmers students in their choice of master’s programmes. Decision Dnr 2017-0304 was stated in the
2018/19 admission regulations to allow students and employees to have ample time to prepare and plan for the changes.

- Shorter application period is set from 1st to 15th of April (or the following working weekday according to UHR’s stipulated regulations)
- The deadline for supporting documentation is set till 15th of April (or the following working weekday according to UHR’s stipulated regulations)
- Control of course registration for current semester (FFG-registration or OM-registration) on courses that are included in the specific entry requirements for the applied master’s programmes and those courses that are available in study period 4, year 3.
- A preliminary assessment is published to all applicants who have submitted on-time, before the selection.
- Selection takes place in June for applicants who have submitted their application on-time
- For applicants who have submitted a late application (from 16th of April), they will receive the notification of selection results from early July till the start of semester and this is based on when the application is made.

To be eligible, the applicant must have successfully completed a minimum of 150 credits (cr.) within the current bachelor’s programme reported in Ladok by the deadline of the supporting documentation. If there are more applicants than the number of study places offered, then a selection is made among eligible applicants in the following groups.

- Applicants from Degree of Master of Science in Engineering/Architectural programmes with guaranteed study places to applied master’s programme (GP)
- Applicants from Degree of Bachelor of Science in Engineering programmes with guaranteed study places to applied master’s programme (GPH)
- Other applicants from Chalmers who fulfill the entry requirements for the applied master’s programme (AP)

The selection is made among the applicants after the number of achieved credits within the bachelor’s programme. (a max of 157.5 cr.*). If two or more applicants have attained the same amount of credits from the same group, then the applicant with the highest average grade will be given the priority. If two or more applicants have the same average grade, then a casting of lots is used.

*)180 cr. was required previously

**Forthcoming Pilot Activity to Swedish Scholastic Aptitude Test (högskoleprovet)**
The distribution of Swedish Scholastic Aptitude Test is divided as 50/50 for verbal and quantitative component respectively. Chalmers will most likely participate in UHR’s pilot activity to do the trial test of a distribution of 0.75 in percentage for the quantitative component of civil engineering programmes in HT2019 semester. Decision was not made when the admissions regulations 2019/20 was established.

**Forthcoming Changes for 2022**
Specific entry requirements will be implemented continuously to both post-secondary non-tertiary vocational education and other education programmes. However, field-specific entry requirements will be omitted. As a foundation university, Chalmers has applied specific entry requirements other than the field-specific entry requirements determined by the Higher Education Ordinance. For example, Chalmers requires mathematics 4 to the Degree of Master of Science in Engineering and Degree of Bachelor of Science in Engineering programmes while the state universities have had mathematics 3b or 3c as the requirements for Degree of Bachelor of Science in Engineering programmes. A review of field-specific entry requirements and field-specific weighted course will be implemented by 2022.
1 Foundation Year and Bachelor’s Level Programmes (First Cycle)

This section of the admission regulations contains rules and regulations for application, entry requirements and selection methods for the admission process to foundation year and bachelor’s level programmes.

1.1 Application for Foundation Year and Bachelor’s Level Programmes (First Cycle)

Applications to Chalmers University of Technology (Chalmers) must be submitted in accordance with the procedures stipulated by Chalmers. An application consists of the applicant’s personal data and one or several named education alternatives. When applying, the applicant approves of personal data storage in the administration system for higher education in Sweden (known as LADOK). An application is conventionally the submission of the application online at antagning.se/universityadmissions.se or according to the rules and regulations stipulated by the Swedish Council for Higher Education (known as UHR). In some cases, Chalmers applies local admissions and Chalmers provides information on application procedures at chalmers.se. If an applicant submits several applications during the same application period, then only the latest application will be taken into consideration.

Late Application
An application submitted after the stipulated deadline for application is considered as a late application. Refer to section 1.3

Supporting Documentation
Application and supporting documents must be sent to UHR, unless stated otherwise. Address and other instructions are stated at antagning.se. Supporting documents can be submitted by the stipulated deadlines according to the rules and regulations stipulated by UHR.

Qualifications
Academic merits and other qualifications that are relevant to the evaluation of an applicant’s eligibility must be submitted by the applicant for supporting the application. All copies must be labelled with the applicant’s personal identification number and certified according to the rules and regulations stipulated by UHR. Other exceptional circumstances that an applicant wishes to present, must be in written form. Any circumstances or changes that are referred to by the applicant, must be documented with a certified official document.

Grades from Upper Secondary Qualification or Komvux (Adult Education at Upper-Secondary Level)
Grades from upper secondary qualification or Komvux that are registered in the national database (BEDA) do not need to be submitted. The applicant needs to submit merits (from other collected official documents) that are not included in the final school grades (slutbetyg). The documents must be submitted together with the application if the upper secondary school is not connected to BEDA.

Foreign Upper Secondary Qualification and Academic Documents May Require Translation
Chalmers applies the same regulations as stipulated by the official UHR guidelines published at antagning.se and universityadmissions.se.

Admitted applicants must be prepared to present the original university-issued documentation that is used in the application process for admission, upon request, at any time during their studies at Chalmers.
1.2 Entry Requirements for Foundation Year and Bachelor’s Level Programmes (First Cycle)

The entry requirements for higher education at Chalmers must be fulfilled for admission to Chalmers’ foundation year and any of the bachelor’s level programmes. Specific entry requirements in addition to the entry requirements are also applicable in many programmes. Refer to section 1.3.1 under the heading specific entry requirements for each programme.

1.2.1 General Entry Requirements for Higher Education

The rules and regulations applicable for general entry requirements for higher education at Chalmers are according to the current version on the Qualification Assessment Manual, that is stipulated by SUHF (The Association of Swedish Higher Education Institutions) and is published by UHR. The Qualification Assessment Manual by UHR contains all the current regulations and recommendations of applications. Further recommendations of assessments and evaluations for a wide range of Swedish and international pre-bachelor’s level programmes are also stated in the handbook.

Language Requirement

English course 6/B is the minimum requirement for programmes that are conducted fully in English language and Swedish as a second language 3/B is the minimum requirement for programmes that are conducted in Swedish language. Exemptions from language requirement can be granted either for Swedish or English only but not for both Swedish and English simultaneously.

1.2.2 Eligibility through Equivalence Assessment, Prior Learning Assessment and Recognition, Exemption and Eligibility through Previous Academic Qualifications

A further assessment can be made on general entry requirements and/or specific entry requirements other than academic merits from upper secondary qualification if an applicant is unqualified. The following assessments can be made.

Equivalence Assessment of Certain Upper Secondary School Subjects

Evaluations for applicants with passed results from courses at the university in any of the mathematics and physics courses with a minimum of 7.5 cr. Knowledge in the subjects shall be at a higher level than the upper secondary level and these evaluations give the basics of general knowledge to continue higher studies at the university level. If equivalence assessment can be given, then it means that the applicant will get a level higher from the existing level. The existing level refers to a completed course with a minimum pass grade.

The following applies to applicants with upper secondary qualification (gymnasieexamen):
- Fy1b1 to Fy1b2 7.5 cr. completed physics course is required
- Fy1a to Fy2 7.5 cr. completed physics course is required
- Ma2 to Ma3 7.5 cr. completed mathematics course is required
- Ma3 to Ma4 15 cr. completed mathematics course is required

The following is required for an applicant with final school grades (slutbetyg):
- A minimum of 7.5 cr. of completed course is required for raising a level, in any mathematics or physics course (for example, from Ma C to D).

Prior Learning Assessment and Recognition (PLR)

Prior learning is an individual type of assessment. It means that it involves a grant of exemption from one or several requirements for a specific programme (or course) with a specific alternative. It is rarely granted at the general or specific entry requirements at Chalmers. Prior learning that is granted does not improve the merit rating and it does not constitute a selection group. It is only accepted as a recognition of knowledge, can be evaluated and approved as a recognition.
Validation of prior learning is evaluated by Chalmers Admissions. In every case, prior learning is always validated with the programme applied for. Validation consists of an overall assessment of all submitted academic merits and evaluated if accumulated competence gives the applicant prerequisites to complete the programme applied for. In the overall validation, relevant merits are taken into consideration (experience and/knowledge) such as working experience, experience from associations, extended stay from abroad, reviews of personal development courses or other course activities.

Chalmers follows SUHF:s recommendation (REK 2009:2) on validation of prior learning for general entry requirements with an exception – about language requirement (Swedish 3 and respectively English 6), Chalmers refers to the recognized possibility of assessment and test stated in the Qualification Assessment Manual by UHR.

Application on prior learning validation and/or exemption shall be submitted to UHR/Antagningsservice latest by the last day of application. Application must be complete which includes correctly-filled forms and the supporting documents that the validation of prior learning shall be based on. No other supplementary time will be allowed except for on-going studies that can fulfill any of the entry requirements (when the application applies to the following semester). Forms are available at the application page at antagning.se/university admissions.se and must be completed with personal letter that can be used to strengthen the merits. Application process, together with recommended procedures and required documents are stated in more detailed at chalmers.se. The applicant is advised to contact the Student and Career Guidance at Chalmers well in advance before the application deadline.

Eligibility through Previous Academic Qualifications (Riktad behörighet)
In certain cases, an applicant can fulfill the field-specific entry requirements (specific entry requirements) for a bachelor’s programme by certain extent through previous academic qualifications. Applicants must always fulfill the general entry requirements. General entry requirements here mean that the applicant must have completed or almost completed a bachelor’s degree (equivalent to a Swedish kandidatexamen 180hp) according to the regulations stipulated by UHR. This applies only if the applicant has previous academic qualifications within the same subject area as the programme applied for. Decisions on previous academic qualifications are applicable only for the specific application alternative and for the current application round only.

1.3 Selection for Foundation Year and Bachelor’s Level Programmes (First Cycle)
If there are more qualified applicants than the number of study places available at a programme, then a selection is applicable. Selection can take place via different methods. Selection groups for applicants to undergraduate programmes are as stated in the Qualification Assessment Manual by UHR. The selection group method is based on the evaluation of merit rating from the upper secondary qualification, Komvux, folk high school, Swedish Scholastic Aptitude Test or selected aptitude tests. If two or more applicants have the same merit rating, then a casting of lots is used.

Chalmers allocates three quarters (3/4) of the study places to respective programmes based on the upper secondary qualifications. A quarter (1/4) of the study places is allocated based on the results from Swedish Scholastic Aptitude Test. This is based after the deduction of current guaranteed study places on respective programmes. Programme specific deviations are included here and these are stated in section 1.3.1. Another allocation can be obtained after a special decision. Selection is based after the rules and regulations that are stipulated in the Qualification Assessment Manual by UHR. The allocation method that is performed among the selection groups in selection 1 is also performed in selection 2 and in actual reserve admission round. To ensure that all study places are filled, a greater number of students is admitted than the actual number of study places available.

Selection Groups
Study places are allocated in the following sub-groups in the grades selection group:
BI: Grades group I (upper secondary school grades without supplementation)
BII: Grades group II (upper secondary school grades with supplementation)
BF: Folk high school group
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Decision by Vice President of Education and Life Long Learning 2018-10-11

BITB: Grades group I (upper secondary school grades without supplementation) for applicants to Foundation Year

BIITB Grades group II (upper secondary school grades with supplementation) for applicants to Foundation Year

**Examination Selection (Swedish Scholastic Aptitude Test)**

Examination selection group is allocated one quarter (1/4) of the study places. Deviations from this group are included and these are stated in section 1.3.1. The applicant must fulfill both the general and specific entry requirements and a valid Swedish Scholastic Aptitude Test result to participate in this examination selection.

**Selection Criterion 1 – Arkitektprovet (AU)**

A maximum of 40% of study places allocated to the architectural programmes are based on a type of selection criterion from the results of arkitektprovet. Only applicants who are given a merit rating after the test component part two (2) * are eligible to take part in the ranking of selection group AU. An applicant must fulfill both the general and specific entry requirements to be eligible to take part in the selection group.

Rules and regulations for the arkitektprovet are stipulated in the Examination Handbook (decision Dnr C 2018-1618) and the regulations apply to all architectural schools in Sweden. The ranking is made jointly among the four (4) architectural programmes at Chalmers University of Technology (CTH), Royal Institute of Technology (KTH), Architectural School at Lund University (LTH/LU) and Architectural School at Umeå University (UMU).

*) Test component part one (1) is a written assignment that is open for all applicants. Test component part two (2) consists of two (2) test days at any of the architectural schools in Sweden and this test component can only be conducted if an applicant has received the invitation. (the invitation to participate is only sent out to applicants who have passed the test component part one (1).

**Selection Criterion 2 – Matematik- och fysikprovet (APFM)**

Matematik- och fysikprovet is an aptitude test for selected engineering programmes.

One third (1/3) of the study places is allocated to Engineering Physics, Chemical Engineering with Physics, Mathematics Engineering and Electronic Engineering and one quarter (1/4) of the study places is allocated at Architecture and Engineering programmes, based on the results from matematik- och fysikprovet. An applicant must fulfill both the general and specific entry requirements to be eligible to take part in the selection group. Application to the examination shall be conducted as regulated at www.matematikochfysikprovet.se.

**Guaranteed Study Places for Applicants to Ship’s Officer and Engineering Officer, VII**

Guaranteed study places are allocated to applicants with qualifications such as able seafarer-deck/engine and motorman.

Application shall be submitted with the certificate from Transportstyrelsen, to utilize the guaranteed study places. Refer to section 1.3.1

**Conditions to Guaranteed Study Places after the Completion of Foundation Year (Selection Group ZBGAR)**

Guaranteed study places can be offered to any of the shipping, Degree of Master of Science in Engineering or Degree of Bachelor of Science in Engineering programmes offered by Chalmers to those who have completed the foundation year* under the following conditions:

1. the foundation year is completed with passed results (a minimum grade of 3/G) on all components (including project course) before the deadline of the last day for supporting documentation at Chalmers. (usually by the 15th of June)
2. the applicant has applied a minimum of 6 programme alternatives which offer guaranteed study places at Chalmers
3. the applicant shall reply to the offered study place, (including reply to offer of reserve study places of applicable guaranteed study places) within the stipulated time frame
4. both general and specific entry requirements are fulfilled for the programme applied for
5. for an applicant who has completed the foundation year later than the nominal study pace (either one or a few years after the academic year that the student was admitted) has the right to utilise his/her guaranteed study place. In this case, the applicant must fulfill the conditions (as stated in 2-4) in his/her new application on guaranteed study place and he/she must contact Chalmers Admission before 15th of June with information on the application at antagning.se/universityadmissions.se and inform the use of foundation year merits in the current application round.

Guaranteed study places at Chalmers’ master and bachelor of engineering programmes are placed in disposal of the number of study places that are determined for the bachelor’s programmes. The total number of guaranteed study places is determined by the number of first-time enrolled students who will begin the foundation year in the 2nd semester. (spring semester). A possible higher admission in the regular selection should not be included in the number of study places for the programme. Study places for the three (3) shipping programmes do not constitute the grounds for the entire total of distribution of other guaranteed study places, but they constitute as an addition to the total number of study places. A fixed number of guaranteed study places is allocated to students from the foundation year: Nautical Science (5), Marine Engineering (4) International Logistics (4).

Selection to Guaranteed Study Places after the Completion of Foundation Year
Selection is based on the grade point average of all examination results from the foundation year. That means that the best merit ratings are awarded from the examinations results that determine the merit level by numerical grade. If two or more applicants have the same merit rating, then a casting of lots is used.

*) The conditions apply to those who will be admitted to foundation year Autumn HT2019 till further notice including students who were admitted in Autumn HT2018. (transitional rules) Admission regulations 2018/19 apply to previous application rounds.

Criteria to Distinguish the Same Merit Rating
If two or more applicants have the same merit rating, then a casting of lots is used.

Conditional Offers of Admission for Fee-Paying Applicants
All fee-paying applicants are given a conditional offer of admission until the tuition fees on a semester basis (for both single subject courses and programmes) have been paid in full. Payment deadlines are stipulated on Chalmers website. All fee-paying applicants must pay within the stipulated time frame to fulfil the conditions for admission. Otherwise the offer of admission is revoked.

Admission Based on Special Grounds
In some exceptions, an applicant can be admitted due to special grounds, even though available merit ratings are not competitive with other applicants. An individual assessment is conducted in every case.

The following conditions must be fulfilled in addition to a submission of application to a programme of interest:

- Applicant fulfills both the general and specific entry requirements.
- A formal written letter on special grounds must be submitted to Chalmers Registrar before the deadline of the application round.
- The applicant shall state what the special ground is, and he/she is able to submit proof to support his/her application.
- The applicant shall have applied to a programme as a first alternative at Chalmers.
- The applicant shall have taken all the possibilities that are available to maximize his/her chance in competition with others in all the ordinary selection groups. This can be achieved, for example, improve the existing grades by additional courses, sit for selected aptitude tests that are available for the programme (such as Swedish Scholastic Aptitude Test and/or matematik- och fysikprovet and/or Arkitektprovet).

Athletes at the elite level are not assessed as a special ground. Read more at chalmers.se om how elite athletes can be offered an adaptable programme plan as Chalmers is a National Sport University.

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Decision by Vice President of Education and Life Long Learning 2018-10-11
Selection through Prior Learning Assessment and Recognition

Prior Learning Assessment and Recognition is a type of qualification; it is not a selection criterion. Refer to section 1.2.2.

An applicant is not given a merit rating. Chalmers has a higher number of qualified applicants than the number of study places to majority of programmes and it is required to have a merit rating from other selection groups than other applicants to compete for a study place.

Notification of Selection Results

The notification of selection results is valid as a Chalmers’ decision, either from UHR (antagning.se/universityadmissions.se) or directly from Chalmers Admissions. From the notification, it is clear whether the applicant is admitted, on a reserve (waiting) list or not admitted. If the applicant does not fulfil the specific entry requirements for a programme, then the applicant is considered unqualified. The notification of selection results that is published by UHR is accessible on the applicant’s user account.

A welcome letter, or the equivalent, does not replace a notification of selection results and is not valid as a proof of admission.

Reply to the Notification of Selection Results

A reply to the offered study place must comply within the stipulated time frame by UHR if an applicant intends to keep the offer of study place or reserve study place in the first selection. If the applicant declines an offer of a study place, a reply is not received on time or is not registered in UHR’s system, then the offer will be deleted. When a study place is deleted at universityadmissions.se/antagning.se, it is definite, and irreversible.

A notification of selection results from Chalmers Admissions directly, requires a stipulated time frame for reply according to the instructions.

Admission after the Ordinary Selection

If there are study places available after the ordinary selection, then the applicants on the reserve (waiting) list may be contacted first and thereafter, the late applicants. Late applicants are contacted in chronological order based on their submission of complete applications. Fee-paying applicants and non-fee-paying applicants are administered separately.

When Chalmers offers a study place after the selection, it is important that the applicant will be able to commence his/her studies at a very short notice. Applicants are generally given a maximum of 24 hours to respond to an offered study place when they are contacted by email. If there is no response within the timeframe, then the offer of study place will be revoked.
1.3.1 Specific Entry Requirements and Selection Methods for Foundation Year and Bachelor’s Level Programmes

The following requirements for field-specific entry requirements and field-specific weighted courses are applicable for admission to bachelor’s level programmes that are offered by Chalmers. Applicants with completed upper secondary qualification, must fulfill a minimum grade of pass. The assessment and recognition of upper-secondary education will be done by Swedish Council for Higher Education (UHR) and the regulations stated in the Qualification Assessment Manual by UHR apply.

**Architecture** 300cr.

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**
- Mathematics equivalent to *Matematik 3b eller 3c*
- Science equivalent to *Naturkunskap 2*
- Social Studies equivalent to *Samhällskunskap 1b alternativt 1a1 + 1a2*
- *) Physics equivalent to *Fysik 1a alternativt Fysik 1b1 + Fysik 1b2*
- and Chemistry equivalent to *Kemi 1*

Selection is based on the results from upper secondary qualification, assessment from folk high school, results from Swedish Scholastic Aptitude Test and *arkitektprovet*. Distribution of study places: Upper secondary qualification 45%, Swedish Scholastic Aptitude Test 15%, *Arkitektprovet* 40%.

**Architecture and Engineering** (Degree of Master of Science in Engineering/Architecture) 300cr.

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**
- Mathematics equivalent to *Matematik 4*
- Physics equivalent to *Fysik 2*
- Chemistry equivalent to *Kemi 1*
- Social Studies equivalent to *Samhällskunskap 1b alternativt 1a1 + 1a2*

Selection is based on the results from upper secondary qualification, assessment from folk high school, results from Swedish Scholastic Aptitude Test and results from *matematik- och fysikprovet*. Distribution of study places after deduction from guaranteed study places is applicable here (refer to section 1.3) Upper secondary qualification 50%, Swedish Scholastic Aptitude Test 15%, *Matematik- och fysikprovet* 25%.

**Degree of Master of Science in Engineering** (except Architecture and Engineering) 300cr.

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**
- Mathematics equivalent to *Matematik 4*
- Physics equivalent to *Fysik 2*
- Chemistry equivalent to *Kemi 1*

Selection is based on the results from upper secondary qualification, assessment from folk high school, results from Swedish Scholastic Aptitude Test and results from *matematik- och fysikprovet*. Distribution of study places after deduction from guaranteed study places is applicable here. (refer to section 1.3) Upper secondary qualification 50%, Swedish Scholastic Aptitude Test 17%, *Matematik- och fysikprovet* 33%.

**Degree of Bachelor of Science in Engineering** 180cr.

Applicants with upper secondary qualification (*gymnasieexamen*)

Selection is based on the results from upper secondary qualification, assessment from folk high school, results from Swedish Scholastic Aptitude Test and results from *matematik- och fysikprovet* is also used as a selection for Engineering Physics, Chemical Engineering with Physics, Mathematics Engineering and Electronic Engineering. Distribution of study places after deduction from guaranteed study places is applicable here. (refer to section 1.3) Upper secondary qualification 50%, Swedish Scholastic Aptitude Test 17%, *Matematik- och fysikprovet* 33%.
Specific Entry Requirements
Mathematics equivalent to Matematik 4
Physics equivalent to Fysik 2
Chemistry equivalent to Kemi 1

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test. Distribution of study places after deduction from guaranteed study places is applicable here. (refer to section 1.3).

Business Development and Entrepreneurship (Degree of Bachelor of Science) 180cr.

Applicants with upper secondary qualification (gymnasieexamen)
Specific Entry Requirements
Mathematics equivalent to Matematik 3b eller 3c
Science equivalent to Naturkunskap 2
Social Studies equivalent to Samhällskunskap 1b alternativt 1a1 + 1a2
*) Physics equivalent to Fysik 1a alternativt Fysik 1b1 + Fysik 1b2 and Chemistry equivalent to Kemi 1 can substitute Science

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test

International Logistics (Degree of Bachelor of Science) 180 cr.

Applicants with upper secondary qualification (gymnasieexamen)
Specific Entry Requirements
Mathematics equivalent to Matematik 3b eller 3c

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test.

Nautical Science 180cr.

Applicants with upper secondary qualification (gymnasieexamen)
Specific Entry Requirements
Mathematics equivalent to Matematik 3b eller 3c

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test.

Marine Engineering 180cr.

Applicants with upper secondary qualification (gymnasieexamen)
Specific Entry Requirements
Mathematics equivalent to Matematik 3b eller 3c

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test.
increment. If the applicant’s merit point (inclusive of the 3-credit increment) is higher than the maximum merit rating, then it gives the applicant a guaranteed study place. (Guaranteed study places for all applicants with able seafarer - deck qualifications ended in HT12) Application shall be supplemented by the certification from Transportstyrelsen.

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test.

**Ship's Officer and Engineering Officer, VII 60cr.**

General entry requirements for higher studies at bachelor’s level

Guaranteed study places are applicable for applicants with qualifications such as motorman and able seafarer – deck/engine. Application shall be submitted with the certificate from Transportstyrelsen, to utilize the guaranteed study places. Selection to the remaining study places is based on the upper secondary qualification and aptitude tests under the division of 75/25. If the number of applicants with guaranteed study places is higher than the number of study places offered, then a casting of lots is used.

**Foundation Year 60 fup**

Applicants with upper secondary qualification (gymnasieexamen)
Mathematics equivalent to Matematik 2a eller 2b eller 2c

Applicants with final school grades (slutbetyg)
Mathematics equivalent to Matematik B

Selection is based on the results from upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test.
1.4 Restrictions of Access to Programme or Single Subject Course

Completed Programme or Single Subject Course
Chalmers does not grant admission again to the same programme or single subject course for an applicant who has completed the said programme or a single subject course. If a student applies and gets admitted to the same programme or a single subject course, then he/she is not allowed to take the course.

Conditional Offers of Admission
All fee-paying applicants are given a conditional offer of admission until tuition fees on a semester basis (for both single subject courses and programmes) have been paid in full. Payment deadlines are stipulated on Chalmers website. Any applicant who fails to pay the tuition fees before the deadline, will lose his/her offered study place.

For Applicants with only Citizenship of the Democratic People’s Republic of Korea (North Korea)
Refer to section 10.4 (restrictions)

1.5 Postponed Enrolment and Deferment of Studies to the Next Academic Year for Foundation Year and Bachelor’s Level Programmes (First Cycle)

Postponed Enrolment Rules for Admitted applicants to Bachelor’s Level Programmes, Foundation Year and Ship's Officer and Engineering Officer, VII (60cr.)
A postponed enrolment cannot be granted to any applicant with a Swedish civic registration number (personnummer).

Chalmers Applies Mandatory Online Registration in Ladok from Autumn Semester 2018
The applicant is responsible to register him/herself on the courses within the programme on time, according to the instructions published at Chalmers The Student Portal. The offered study place is revoked if registration is not done within the stipulated time frame.

A postponed enrolment can be granted up to a maximum of twelve (12) days, from the last day of the mandatory online registration period* and can only be granted to those without a Swedish civic registration number. (personnummer) The application must be sent by email to Chalmers Admissions before the last day for mandatory online registration period. A postponed enrolment cannot be granted if the application is received after the mandatory online registration period*. When a decision is made, the applicant will receive an email from Chalmers Admissions. An applicant who has been granted a postponed enrolment; must register in person, in the manner and within the time frame as instructed by Chalmers Admissions; otherwise the study place will be revoked.

Deferment of Studies to the Next Academic Year due to Certain Circumstances
Under certain circumstances, it is possible for an admitted applicant to defer his/her start of studies to the next academic year. A deferment is granted for one academic year only. Once a deferment is granted, the applicant cannot begin his/her studies prior to the start of the following academic year.

Deferment of studies based on certain circumstances granted by Chalmers Admissions prevails. Such circumstances can be of social, medicinal or other special grounds. Time limit of probationary employment period for some employees such as periodically duty military officer, soldier or seaman according to 12 § act (SFS 2012:332) in certain armed forces/military power/defence power or service in the Military Forces can be granted a deferment of studies.
Deferment of studies can be granted for Military programmes (GMU) according to ordinance (2015:613) on military programmes (compulsory military service or civil service). Military service is a valid reason for deferment for both national and international applicants. (only for one (1) academic year)

A deferment of studies can also be granted for postponed leave according to the act (1974:981) on an employee’s right of entitlement to leave for education purposes, provided that the application on the said reason is received immediately after the publication of notification of selection of results.

Application for Deferment of Studies
The application must be sent as an email to Chalmers Registrar, latest, on the last day of the mandatory online registration period.*

The reason of not being able to conduct studies in the first semester of a new programme, must be certified with valid documents. The deferment of studies has not been granted until a decision is made and sent by email to the applicant by Chalmers Admissions.

*) Chalmers applies mandatory online registration in Ladok from autumn semester 2018. The online registration period is published in Chalmers The Student Portal, the registration period is closed two weeks prior to the start of the semester.

An applicant may be offered a study place after the last day of the mandatory online registration period. In the case of the same applicant wanting to apply for a deferment, the application must be filed within the stipulated time frame as for accepting the study place offer.

Deferment of Studies is Not Granted under the Following Circumstances
- Deferment of studies cannot be granted retroactively.
- All fee-paying applicants who have not paid their tuition fees by the stipulated time will then have not fulfilled the conditions for admission and as such, a deferment of studies will not be granted.
- Chalmers does not grant any deferment of studies to circumstances such as volunteer service, internships or reasons pertaining to accommodation/housing and economic situation.

Start of Studies after Deferment
The student must re-apply to the same programme (who has been granted a deferment) according to the regulations in the deferment decision. The copy of the deferment decision must be submitted together with the application at universityadmissions.se/antagning.se and it should be submitted to UHR before the deadline of application.

A student who has been granted a deferment of studies cannot begin his/her studies (cannot claim his/her study place) during the deferment period without any justifiable valid reason.

1.6 Appeals for Foundation Year and Bachelor’s Level Programmes (First Cycle)
An applicant who deems that he/she has received an incorrect or unjust decision may file a complaint against the decision such as the following:
- General and/or specific entry requirements have not been fulfilled
- A deferment of studies that was not granted

Complaint must be Submitted to Chalmers within Three (3) Weeks
The complaint shall be made in writing and shall be received by Chalmers Registrar no later than three (3) weeks after the notification of the decision has been rendered. The complaint must state clearly what the decision was and on which grounds that the decision should be rectify and personal information of the complainant must be stated clearly.

When such a complaint is received, the decision shall first be re-evaluated by Chalmers. If the decision is not altered in the manner according to the complainant’s request, then the complaint shall be referred to the committee mentioned in the Disciplinary Statute for students at Chalmers University of
1.7 Cancellation of Foundation Year and Bachelor’s Level Programmes (First Cycle)

Cancellation of Programmes
Vice President of Education and Lifelong Learning has the right to cancel a programme after the matter is raised in Chalmers Undergraduate Education Steering Group. If a programme alternative that is published must be cancelled, then the decision shall be made by Vice President of Education and Lifelong Learning and the decision shall be informed to Chalmers Admissions via email before the selection of programme is done. Prospective applicants will be informed by Chalmers Admissions.
2 Transfer of Programmes to the First Year -
Foundation Year and Bachelor’s Level

2.1 Application
A student at bachelor’s level or foundation year at Chalmers, can apply for a transfer to another
programme if the student fulfills the entry requirements (refer to section 2.2) and if there are available
places in the 1st year of studies.
Application can be submitted via a web form that is published at Chalmers, The Student Portal between
1st and 10th of October.
The information on which programme and a minimum of one (1) study place that can be offered to
qualified applicants shall be published at Chalmers The Student Portal before the application period.

2.2 Entry Requirements
To be eligible for a transfer, the following requirements must be fulfilled:
- General entry requirements. Refer to section 1.2
- Specific entry requirements for the programme applied for. Refer to section 1.3.1
- The applicant has a merit rating that is higher or equal to that of the last admitted student in
  the ordinary selection round two (2), current year.

2.3 Selection
Applicants compete only with the merit rating that was available before the deadline for supporting
documentation to the programme for the current academic year.

Students who are admitted in the current semester via guaranteed study places from foundation year at
Chalmers are eligible for guaranteed study places only via application of transfer to another
programme; where the guaranteed study places are applicable, under the academic year that has begun.

To be eligible for a transfer, the following requirements must be fulfilled:
- There are available study places on the bachelor’s programmes.
- The applicant does not fulfill the entry requirements for admission to the later part of the
  programme applied for.
- At the time of application, the applicant must not be eligible to be issued an BSc Degree
  Diploma from any of Chalmers bachelor’s programme(s).
- The applicant’s merit rating for the programme that he/she wishes to transfer to, must be
greater or equal to that of the last admitted student (i.e. the admitted student with the lowest
merit rating in the ordinary selection two (2) and reserve admission is not included here).
3 Later Part of a Programme at Bachelor’s Level (First Cycle)

3.1 Application
Application to a later part of a programme at bachelor’s level can be made before every semester (unless stated otherwise by Chalmers) and studies begin from year two (2) at the bachelor’s level. Application is via antagning.se/universityadmissions.se. Refer to section 1.1

Limitation of Application Alternatives (max three (3))
The number of application alternatives is limited to a maximum three (3) for admission to a later part of a programme per semester. One or more programmes can have exceptions due to guaranteed study places and these programmes are not available for selection and they are not published before the upcoming semester at antagning.se/universityadmissions.se.

Mandatory Supplement Document and Course Syllabus
For applicants with bachelor’s programmes from another university other than Chalmers, they must submit the mandatory supplement document and course syllabus together with the application and this information is published at chalmers.se. If one or more course(s) that is or are incomplete, they must be labelled as ‘on-going’ in the same mandatory supplement document.

- For a complete and valid application, both the mandatory supplement document and course syllabus must be uploaded at the applicant’s account at antagning.se or alternatively received as normal post by UHR’s Antagningsservice before the stipulated deadline of application. (UHR’s deadline for supporting documentation is not applicable here)
- Academic merits must be submitted to UHR latest on the deadline for supporting documentation in the current application round.

3.2 Entry Requirements
To be eligible for admission to a later part of a programme at bachelor’s level, the following requirements must be fulfilled:
- General entry requirements. Refer to section 1.2.
- Specific entry requirements for the programme applied for, are fulfilled. Refer to section 1.3.1.
- An applicant must have a minimum of 35 cr. from completed mandatory courses (in some exception cases, modules of a full course) that can be counted in as the first two (2) semesters in the 1st academic year of the programme applied for.
  - Exceptions apply to applicants from Ship’s Officer and Engineering Officer VII to Nautical Science or respectively, Marine Engineering; a minimum of 52.5 cr. must be completed.
  - Exceptions apply to applicants to Civil and Environmental Engineering (180 cr.) and Civil Engineering (300 cr.), in which the course, BOM195 Building Materials (or equivalent) must be included to fulfill the requirements of minimum 35 cr.
- Only fully completed courses can be counted to gain an admission to Chalmers. The full course must be completed to be counted as a credit transfer to a course at Chalmers.
- It is the directors of studies at Chalmers who evaluate the number of credits that can be counted as credits transfer*

*) the final evaluation and decision on which courses that can be counted as credits transfer cannot be determined before an applicant is admitted and has begun the programme. Chalmers Admissions cannot guarantee full-time studies and can never beforehand state the duration of the studies that will be at Chalmers.
3.3 Selection

If there are more qualified applicants than the number of study places available at a programme, then a selection is applicable. The selection method is based on evaluation of the programme applied for, university courses, grades and study pace. Evaluation is based on the merit rating that the applicant can compete with. If two or more applicants have the same merit rating, then a casting of lots is used.
4 Learning and Leadership - Supplementary Study Programme at Bachelor’s Level (KPLOL)

Learning and Leadership, supplementary study programme (KPLOL) comprises of 90 cr. at the bachelor’s level. The programme leads to a Degree of Master of Arts/Science in Upper Secondary Education, 210 cr. The programme is established according to decision Dnr C 2014-1334.

4.1 Application

Application is done via antagning.se/universityadmissions.se. Refer to section 1.1.

The last day to submit the personal letter is on 1st of May. The personal letter must be uploaded in the applicant’s account at antagning.se/universityadmissions.se or alternatively, send to UHR Antagningservice. If the personal letter is not received by the 1st of May, then the application will be deleted. For other supporting documentation, refer to section 1.1.

4.2 Entry Requirements

To be eligible for admission to the learning and leadership, supplementary study programme, the following requirements must be fulfilled:

- General entry requirements. Refer to section 1.2
- Specific entry requirements: 120 cr. in one of the following subject areas: physics, chemistry, mathematics or engineering and 1 individual thesis of minimum 15 cr.
- Personal letter
- A successful personal interview

4.3 Selection

Selection is based on both a personal letter and a successful interview. The first selection is based on the personal letter. Thereafter, successful applicants will be invited for personal interviews and the interview process is the final selection of an applicant to the programme.
5 Bridging Programme for Engineers and Architects with Foreign Qualifications (KPMUT)

Bridging programme for engineers and architects with completed foreign qualifications and degree awarded, consists of 60 cr. at the bachelor’s level and the programme is established according to decision Dnr C 2017-0933. The goal of the programme is to provide enhancement of skills for work in Sweden.

The programme includes general vocational courses, project courses and internships/practical work. The programme does not lead to a degree. Upon completion of the programme, the applicant is entitled to obtain a certificate.

5.1 Application
Application is done through antagning.se/universityadmissions.se. Refer to section 1.1
For other supporting documentation, refer to section 1.1

5.2 Entry Requirements
To be eligible for admission to the programme, the following requirements must be fulfilled:
- Swedish 3 or Swedish as a second language 3 and English 6
- A completed foreign higher education as an engineer or architect (degree must be equivalent to a Swedish kandidatexamen, 180hp) leading to a Degree of Bachelor of Science in Engineering or Degree of Master of Architecture, with the degree awarded, from an internationally recognized university, according to the official guidelines by UHR.
- The qualification should have a specialisation with an equivalent in Chalmers’ current range of programmes.
- Letter of motivation
- CV
- A successful personal interview

5.3 Selection
Selection is based on an overall assessment of the following:
- Previous education
- Academic merits from the completed degree
- Related working experience that is relevant for the programme
- Letter of motivation
- Results from the personal interview
6 Single Subject Courses for Chalmers Alumni

Single subject courses can be offered to any applicant who possess a diploma degree from any degree programme obtained at the bachelor’s level from Chalmers. This possibility is established according to decision Dnr C 2016-0668. In addition, the applicant can also undertake courses through Working Professionals at Bachelor’s and Master’s Level (VFY). Refer to section 8.

For other applicants, they can only be offered single subject courses through Working Professionals at Bachelor’s and Master’s Level (VFY). Refer to section 8.

6.1 Application

Application to single subject courses for alumni can only be done before each study period. (unless stated otherwise by Chalmers) application is done via a web form at Chalmers The Student Portal that opens before the respective study period.

Restrictions

Language courses are offered to admitted programme students at Chalmers via the partnership with GU (Fackspråk).
The language courses are not offered as single subject courses for alumni.

A bachelor’s thesis*/degree project which is the final component of a bachelor’s degree or a shipping programme at Chalmers is not eligible as single subject course for alumni.

*) The exception is architects and civil engineers with a diploma degree awarded by Chalmers before 2004 (graduation after 4.5 years/270cr.) without a bachelor’s thesis. In this case, the applicant can be offered as a supplement of a single-subject course with an aim to complete a 5 years/300cr. Degree of Master of Architecture or Degree of Master of Science in Engineering.

6.2 Entry Requirements

The applicant must possess a diploma degree from any degree programme obtained at the bachelor’s level from Chalmers. Applicants who possess only a diploma degree from one of the master’s level programmes (second cycle) at Chalmers are not eligible to apply.

For courses within Chalmers’ programmes, both general and specific entry requirements of the programme that owns the programme and any course-specific requirements. (refer to Chalmers The Student Portal)

If the second cycle course (master’s course) is owned by a first cycle (bachelor’s) programme, then the second cycle entry requirements and any specific course requirements are applicable here.

Refer to section 1.2, 1.4 and 10.2.1

6.3 Selection

If there are more qualified applicants than the number of study places available at a programme, then a selection is applicable. Eligible applicants can be admitted to a maximum of 15 cr. for one (1) study period. If an applicant is admitted to more than 15 cr., then the selected lower alternatives will be deleted. If two or more applicants have the same merit rating, then a casting of lots is used.

Refer to section 1.3
7 Courses at Bachelor’s Level and Master’s Level – Course Selection within a Programme for Enrolled Students

7.1 Application
Enrolled students submit their applications through the course selection module in Chalmers The Student Portal or through the student center at the given dates for each academic year. Refer to decision Dnr C 2017-0123.

7.2 Entry Requirements

Bachelor’s Level
Courses that belong to a programme at the bachelor’s level are only open for students who have those courses in their programme plan. For other students, they would need to seek approval from the director of studies of the programme that they have applied for.

Students at bachelor’s level can only choose a course/courses that are available within the programme plan. Courses that are outside the programme plan must be approved by the director of studies of the programme that the applicant has applied for. In addition, the applicant needs to seek an exemption to read the course. The exemption must be approved by the director of studies from the student’s programme.

Master’s Level
The applicant must fulfil both the general and specific entry requirements of the master’s programme that owns the course; refer to section 10.2*. If there are specific entry requirements for a certain course, then these are stated in the syllabus of the course. According to the decision Dnr C2008-1218, it is the student’s own responsibility to check that he/she fulfils the prerequisites of the course.

*) Applicants enrolled in a programme where the course is included in the study programme are exempted from fulfilling these requirements.

Refer to decision Dnr C 2013-0730

7.3 Selection

Bachelor’s Level
Some bachelor’s courses have a limited number of study places, and in that case, priority is given to students who have the course as a compulsory or a compulsory elective course stated in their degree requirements.
This clause is regulated in the decision Dnr C2017-0123 if further selection is necessary.

Master’s Level
Courses at second cycle are open for application to all master’s students** with the exemption of courses open only to students admitted to a certain programme and this is stated in the syllabus of the course under the section prerequisites. Some master’s courses have a limited number of places, and in that case, priority is given to students who have the courses as a compulsory or a compulsory elective course stated in their degree requirements.

This clause is regulated in the decision C 2017-0123 if further selection is necessary.

**) Refer to section 10.4 (restrictions)
8 Single Subject Courses for Working Professionals at Bachelor’s and Master’s Level

8.1 Application

Application is done through antagning.se/universityadmissions.se with the application code CTH-99994 for the spring semester and CTH-99995 for the autumn semester, under the course name “Single subject courses for working professionals”

The application at antagning.se/universityadmissions.se applies to an application code. Therefore, the application must be supplemented by a document in which the applicant states clearly the course name (s) and course code (s) which he/she wishes to apply for as well as supporting documentation proving the applicant’s eligibility (including documented work experience). Without the supporting documentation, the application is incomplete, and it is invalid. The application is valid only when completed by the required documentation on time. All supporting documentation must be submitted no later than the last date of application.

Refer to section 1.1 and 10.1

Restrictions
A bachelor’s thesis*/degree project which is the final component of a bachelor’s degree or a shipping programme at Chalmers is not eligible as single subject course for working professionals.

Language courses are offered to admitted programme students at Chalmers via the partnership with GU (Fackspråk). The language courses are not offered as single subject courses for working professionals.

8.2 Entry Requirements

To be eligible for single subject courses, the following requirements must be fulfilled:

- A minimum of 12 months of documented work professional experience* and accumulated after the applicant’s bachelor’s/master’s degree studies. This professional experience may be in any field and need not be related to the applicant’s educational profile.
- An academic degree that is equivalent to a Swedish bachelor’s degree (equivalent to a Swedish kandidatexamen, 180hp) and a minimum 3 years in a non-specified education area.
- For courses within Chalmers’ programmes, both general and specific entry requirements of the programme that owns the programme and any course-specific requirements. (refer to Chalmers The Student Portal)
- If the second cycle (master’s) course is owned by a first cycle (bachelor’s) programme, then the second cycle entry requirements and any specific course requirements are applicable here.

*) Regular working hours for full-time work is 38 hours/week and a work certificate (not the letter of appointment) from the employer is required. Please note that it is required to have worked at least 50%, part-time. Part-time work can be specified in hours, days or percentages.

Refer to section 1.2, 1.4 and 10.2.1

8.3 Selection

Qualified applicants can be admitted to a maximum of 30cr. per semester.

In the event of competition for study places, a selection is made according to decision C 2017-0123.
9 Preparatory Course in Mathematics (Sommarmatte)

Chalmers offers a preparatory course in mathematics during spring and summer period in the goal to prepare students to continue their studies at the bachelor’s level in Chalmers. It is an internet-based course.

9.1 Application

Application is through antagning.se/universityadmissions.se, and access to the course is through the homepage at matematiskvetenskaper.se. Refer to section 1.1

9.2 Entry Requirements

To be eligible for the course, the applicant must fulfill the following:
- General entry requirements. Refer to section 1.2.
- Mathematics 4/D with a minimum grade of pass

9.3 Selection

Qualified applicants are admitted.
10 Master's Level Programmes (Second Cycle)

This section of the admission regulations pertains to the rules for application, entry requirements and selection in which the university applies in the admission process for master’s level programmes.

10.1 Application for Master’s Level Programmes

Applications to Chalmers University of Technology (Chalmers) must be submitted in accordance with the procedures stipulated by Chalmers. An application consists of the applicant’s personal data and one or several named education alternatives. If an applicant submits several applications during the same application period, then only the latest application will be taken into consideration. All documents which are necessary for assessment of the applicant’s eligibility must be available prior to evaluation. An application must be done according to the regulations of application process as stipulated at universityadmissions.se, and a complete application shall include all the mandatory required documents by Chalmers.

A fee-paying applicant is considered conditionally admitted until the tuition fee has been paid in full. A fee-paying applicant must pay within the stipulated time frame to fulfil the conditions for admission. Otherwise the offer of admissions is revoked.

An application submitted after the stipulated deadline for application is considered as a late application. An application that is submitted on time but if the supporting documentation that makes an applicant qualified; is received late, will be considered as a late application. For a late application to be processed, it must be complete. Available study places are allocated according to the chronological order of complete late applications. Refer to section 10.3

Any submitted documents which are received after the stipulated deadline for receipt of documents, are handled according to the regulations stipulated by the Swedish Council for Higher Education (UHR).

When applying, the applicant approves of personal data storage in the administration system for higher education in Sweden (known as Ladok).

10.1.1 Required Documents

The list below applies to all applicants including those with a Swedish personal identity number and/or Swedish citizenship. For your application to be processed, all required documents must be submitted. The list is specific to Chalmers and further instructions to each of the required documents can be found at chalmers.se.

1. Certificates and diplomas from previous university studies (including students in their final year of bachelor's studies) (refer to section 10.1.2 and 10.2.1)
2. Transcripts of completed courses and grades*
3. Proof of English language skills
4. Proof that you meet the specific entry requirements. Applicants are responsible for proving that they fulfill the specific entry requirements of the programme/s, to which they have applied. A course syllabus must be submitted for each specific prerequisite. (refer to section 10.1.2, 10.2.2 and 10.2.3)
5. Relevant pages of your passport or other valid ID, for the determination of your fee status. Applicants who have a Swedish civic registration number (personnummer) will be checked electronically with various databases to determine if they are required to pay an application fee.
6. Curriculum Vitae (CV)
8. Letter of Intent/Motivation. Letter of motivation is a mandatory document for anyone who applies for a scholarship administered by Chalmers. The scholarship assessment team will access the documentation at your personal account at antagning.se/universityadmissions.se.
9. Relevant work experience (optional)
10. Letters of recommendation (optional) Letter of recommendation is a mandatory document for anyone who applies for a scholarship administered by Chalmers. The scholarship assessment team will access the documentation at your personal account at antagning.se/universityadmissions.se.

11. Certificate of cumulative grade point average (i.e. CGPA) (optional)

*) Exemptions if an applicant holds a Swedish bachelor’s degree or academic credits/courses that are registered in the administration system for higher education (Ladok)

Academic qualifications from Swedish universities do not need to be uploaded as Chalmers has access to the applicant’s academic merits record through Ladok. However, the applicant must ensure that the personal identity/interim number in the personal account at antagning.se/universityadmissions.se matches the one LADOK. If not, then none of the academic records can be accessed. The stipulated deadline for receipt of supporting documentation applies here as well.

10.1.2 Qualifications

All required documents necessary for the evaluation of the applicant’s eligibility must be provided by the applicant. Academic documents must be submitted according to the regulations stipulated by the official UHR guidelines for master’s programme applicants.

Document translation requirements

Chalmers applies the same regulations as stipulated by the official UHR guidelines published at antagning.se/universityadmissions.se.

Admitted applicants must be prepared to present the original university-issued documentation that is used in the application process for admission, upon request, at any time during their studies at Chalmers.

10.2 Entry Requirements for Master’s Level Programmes

In Sweden, the scope of an education is expressed in credits. (högskolepoäng) A regular 40-week academic year corresponds to 60 credits. (30 cr. per semester). One (1) credit is equivalent to one (1) ECTS credit.

10.2.1 General Entry Requirements for Master’s Level Programmes

To be eligible for entry at the master’s level, the prospective student must hold a Bachelor’s degree (equivalent to a Swedish kandidatexamen, 180hp) in Science, Engineering, Technology or Architecture from an internationally recognized university, according to the official guidelines by UHR.

The master’s programme in Entrepreneurship and Business Design does however, admit applicants with bachelor’s degrees from other fields.

Applicants enrolled in long educational programmes with no intermediate bachelor’s degree must have completed at least 80% (for example, four (4) out of five (5) years). Applicants who are currently enrolled in long educational programmes with no intermediate bachelor’s degree in a Nordic Country are required to have completed at least three (3) out of five (5) years in accordance with the “Reykjavik Act” of 2004.

For Applicants in Their Final Year of Bachelor's Studies - All Nationalities Including Swedish Students

An applicant may be in his/her final year of his/her bachelor’s studies and can be eligible if he/she fulfills certain conditions. The applicant’s university must confirm through a separate official document that the student is expected to complete his/her studies and receive the degree before the start of semester at Chalmers. The document must also state the length of the applicant’s education programme, and how many semesters that the applicant has completed.

An applicant enrolled in a bachelor’s degree (equivalent to a Swedish kandidatexamen, 180hp) fulfils the general entry requirements to Chalmers master’s programmes provided that the applicant has completed a minimum of 150cr. within his/her present programme by the deadline for receipt of
supporting documents, and provided that a certificate of on-going studies which lead to an expected degree has been submitted.

**Students Enrolled in a Bachelor’s Level Programme at Chalmers**

A bachelor’s undergraduate student at Chalmers fulfils the general entry requirements if the student has successfully completed a minimum of 150cr. within the current bachelor’s programme, by the deadline for receipt of supporting documents and a bachelor’s thesis must be either completed or there must be a course registration in the current semester in Ladok.

Exemption from the requirement of a bachelor’s thesis may be given to students at Chalmers who began their bachelor’s studies before the autumn semester of 2004. In such cases, the applicant must have a total corresponding to 180cr. (180hp) within his/her present bachelor’s programme.

Bachelor’s level students at Chalmers can find the specific entry requirements for Chalmers master’s programmes converted to Chalmers’ course codes in the Appendix.

**Prior Learning Assessment and Recognition (PLR)**

For an applicant who lacks formal academic qualifications, Chalmers may consider relevant knowledge and experience as equivalent to academic learning. The aim is to evaluate if the amassed competence could give the applicant the required qualifications for eligibility to the applied education alternative. Those who wish to know more about PLR, may contact the Student and Career Guidance at Chalmers well in advance before the application deadline.

**10.2.2 Specific Entry Requirements for All Master’s Level Programmes**

In addition to the general entry requirements, the applicant must also meet the specific entry requirements. The specific entry requirements consist of English language proficiency, specified majors and courses that are established for each master’s programme in the admission regulations. The length of required courses is sometimes indicated with a specific number of credits (cr.).

**Cumulative Grade Point Average (CGPA)**

Applicants are generally required to have attained at least a 70% CGPA of the maximum grade during their BSc/BEng/BTech/BArc degree (or equivalent to a Swedish kandidatexamen, 180hp) to be eligible for admission to one of Chalmers master’s programmes. Exemptions from this requirement may be granted in exceptional cases when a combination of other elements of the application (i.e. a high average grade in courses that are required or recommended by the master’s programme applied for, CV, letter of intent/motivation, letters of recommendation, international ranking of their home university, relevant internship or work experience and etc.) can be considered to compensate for a lower CGPA than the 70% minimum.

**Proof of English Language Skills**

All applicants must certify their English language proficiency according to the regulations as stipulated by UHR. The requirement must be of equivalence to English course 6 (Swedish upper secondary school). The English language proficiency can be fulfilled in several ways and these alternatives are stated at universityadmissions.se.

**Documents that can Verify an Applicant Fulfills the Specific Entry Requirements for Master’s Level Programmes (Majors and Programme-Specific Entry Requirements)**

Refer to 10.2.3

Applicants are responsible for proving that they fulfil the specific entry requirements (prerequisites) of the programme(s), to which they have applied for. The content and focus of courses must be clearly conveyed in the course syllabus. A course syllabus is mandatory for each specific entry requirement. The document must be issued or published by the university. These requirements also apply for MOOCs.
10.2.3 Specific Entry Requirements for Master’s Level Programmes
(Majors and Programme-Specific Entry Requirements)

Applied Mechanics (MPAME)
Bachelor’s degree (refer to section 10.2.1) with a major in: Mechanical Engineering, Engineering Physics, Automation and Mechatronics Engineering, Aerospace Engineering, Civil Engineering, Engineering Mathematics or Chemical Engineering with Engineering Physics
Prerequisites: Mathematics (at least 37.5 cr. including Linear algebra, Multivariable analysis, Numerical analysis and Mathematical statistics or Probability theory), Mechanics (including Statics and Dynamics), Strength of Materials or Solid Mechanics (including Stress – Strain Relations, Torsion, Bending and Shear, Structural Mechanics, Trusses, Beams, Circular Cylinders and Discs, Buckling and Instability, Theory of Elasticity in 3D, Yield Criteria and Stress Concentrations), Fluid Mechanics, Finite Element Method or Numerical Solution of Partial Differential Equations, Programming, Thermodynamics and Engineering Materials
Preferable course experience: Automatic Control or Control Theory and Fatigue and Fracture Mechanics

Architecture and Planning Beyond Sustainability (MPDSD)
Bachelor’s degree (refer to section 10.2.1) with a major in: Architecture, Architecture and Engineering, Interior Architecture, Landscape Architecture, Spatial Planning or Urban Design
Prerequisites: A design portfolio is required, demonstrating a documented proficiency in spatially contextualized design work
Alternative selection: Refer to section 10.3

Architecture and Urban Design (MPARC)
Bachelor’s degree (refer to section 10.2.1) with a major in: Architecture, Architecture and Engineering, Interior Architecture, Landscape Architecture, Spatial Planning or Urban Design
Prerequisites: A portfolio is required, demonstrating a documented proficiency in architectural design, interior design, landscape design and/or urban design. A majority of the work included in the portfolio should have been undertaken from the framework of the academic education.
Alternative selection: Refer to section 10.3

Automotive Engineering (MPAUT)
Bachelor’s degree (refer to section 10.2.1) with a major in: Mechanical Engineering, Automotive Engineering, Vehicle Engineering or Automation and Mechatronics Engineering
Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Numerical Analysis and Mathematical Statistics or Probability Theory), Control Theory or Automatic Control (at least 6 cr.) (including Signal Processing, Analyses of Feedback Systems (Stability), Design of Control Systems (PI, PID Controllers, State Space Design), Transfer Functions), Mechanics (including Statics and Dynamics), Strength of Materials or Solid Mechanics, Machine Elements or Applied Mechanics or Machine Design, Engineering Materials, Thermodynamics and Fluid Mechanics, Programming (at least 6 cr.)
Preferable course experience: Finite Element Method, Numerical Solution of Partial Differential Equations, Matlab

Biomedical Engineering (MPBME)
Bachelor’s degree (refer to section 10.2.1) with a major in: Electrical Engineering, Bioengineering, Engineering Physics, Biomedical Engineering, Computer Engineering, Engineering Mathematics or Automation and Mechatronics Engineering
Prerequisites: Mathematics (at least 30 cr. including Multivariable Analysis, Linear Algebra and Numerical Analysis), Electric Circuit Theory, Signals and Systems Theory (including Linear Systems and Transforms) and Basic Programming
Preferable course experience: Programming in Matlab

Biotechnology (MPBIO)
Bachelor’s degree (refer to section 10.2.1) with a major in: Bioengineering, Biotechnology, Chemical Engineering or Chemistry
Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Differential Equations and Mathematical Statistics), Chemistry (at least 30 cr.) and Biochemistry (at least 7.5 cr.)

Preferable course experience: Cell and Molecular Biology, Microbiology, Programming in Matlab

Communication Engineering (MPCOM)

Bachelor’s degree (refer to section 10.2.1) with a major in: Electrical Engineering, Automation and Mechatronics Engineering, Computer Engineering, Computer Science, Information Engineering, Information Technology, Telecommunication Engineering, Communication Engineering, Mathematics or Engineering Physics

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra and Probability), Signals and Systems Theory (including Linear Systems and Transforms) and Basic Programming

Complex Adaptive Systems (MPCAS)

Bachelor’s degree (refer to section 10.2.1) with a major in: Engineering Physics, Physics, Electrical Engineering, Mechanical Engineering, Automation and Mechatronics Engineering, Computer Science, Computer Engineering, Mathematics, Chemical Engineering, Chemistry, Bioengineering or the equivalent

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra and Mathematical Analysis) and Programming

Computer Science – Algorithms, Languages and Logic (MPALG)

Bachelor’s degree (refer to section 10.2.1) with a major in: Computer Engineering, Computer Science, Automation and Mechatronics, Electrical Engineering, Engineering Physics, Mathematics, Software Engineering or related subjects

Prerequisites: Mathematics (including Calculus (at least 7.5 cr.) and Linear Algebra (at least 7.5 cr.)), Programming in a General-Purpose Language (e.g. C/C++/Java/Haskell or similar (at least 7.5 cr.)), Algorithms and/or Data Structures (at least 7.5 cr.) and one of the following courses: Discrete Mathematics and/or Mathematical Statistics and/or Probability Theory.

Preferable course experience: Finite Automata Theory and Formal Languages, Mathematical Modelling and Problem Solving, Functional Programming

Computer Systems and Networks (MPCSN)

Bachelor’s degree (refer to section 10.2.1) with a major in: Computer Engineering, Computer Science, Automation and Mechatronics, Electrical Engineering, Engineering Physics, Mathematics, Software Engineering or related subjects

Prerequisites: Mathematics (including Calculus (at least 7.5 cr.) and Linear Algebra (at least 7.5 cr.)), Introduction to Computer Engineering (at least 5 cr.), Programming in a General-Purpose Language (e.g. C/C++/Java/Haskell or similar (at least 7.5 cr.)) and one of the following courses: Discrete Mathematics and/or Mathematical Statistics and/or Probability Theory and/or Algorithms and/or Data Structures (at least 7.5 cr.)


Data Science (MPDSC)

Bachelor’s degree (refer to section 10.2.1) with a major in: Engineering, Technology, Science or Mathematics

Prerequisites: Mathematics (at least 30 cr., including Multivariable Analysis, Linear Algebra, and Mathematical Statistics), Programming in a General-Purpose Language (e.g. C/C++/Java/Haskell or similar (at least 7.5 cr.)), and Algorithms and/or Data Structures (at least 7.5 cr.)

Design and Construction Project Management (MPDCM)

Bachelor’s degree (refer to section 10.2.1) with a major in: Civil Engineering, Building Engineering, Architecture, Architecture and Engineering, Landscape Architecture, Urban Planning, Surveying or Industrial Engineering and Management
Electric Power Engineering (MPEPO)

Bachelor’s degree (refer to section 10.2.1) with a major in: Electrical Engineering, Automation and Mechatronics Engineering, Energy Engineering or Engineering Physics

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Numerical Analysis and Mathematical Statistics), Electric Power Engineering (including Basic Electric Circuit Theory, Electric Machines, Power Electronics and Power Systems) and Automatic Control

Embedded Electronic System Design (MPEES)

Bachelor’s degree (refer to section 10.2.1) with a Digital Design profile and a major in: Electrical Engineering, Computer Engineering, Telecommunication Engineering, Automation and Mechatronics Engineering, Engineering Physics or the equivalent

Prerequisites: Mathematics (at least 30cr. including Linear Algebra, Calculus, Differential Equations and Transform Theory), Electronic and Computer Fundamentals (including Electric Circuit Theory, Electronics, Digital Fundamentals, Digital System Design using VHDL/Verilog, Computer Organization), Programming and Signals and Systems (including Control and Filter Fundamentals)

Preferable course experience: Electrical Measurements, Semiconductor Devices and Machine-Oriented Programming with C

Engineering Mathematics and Computational Science (MPENM)

Bachelor’s degree (refer to section 10.2.1) with a major in: Engineering Physics, Physics, Mathematics or an Engineering Discipline

Prerequisites: Mathematics (at least 37.5 cr. including Linear Algebra, Numerical Analysis, Multivariable Analysis, Mathematical Statistics and Fourier Analysis/Transforms) and experience with Mathematical Software

Entrepreneurship and Business Design (MPBDP)

Bachelor’s degree (refer to section 10.2.1) with a major in: Engineering, Science, Business, Law, Design or the equivalent

Prerequisites: A personal letter and an interview

Alternative selection: Refer to section 10.3

High-Performance Computer Systems (MPHPC)

Bachelor’s degree (refer to section 10.2.1) with a major in: Computer Engineering, Computer Science, Automation and Mechatronics, Electrical Engineering, Engineering Physics, Software Engineering or related subjects

Prerequisites: Mathematics (including Calculus (at least 7,5 cr.) and Linear Algebra (at least 7,5 cr.)), Programming in a General-Purpose Language (e.g. C/C++/Java/Haskell or similar (at least 7,5 cr.)), Introduction to Computer Engineering (at least 7,5 cr.), and one of the following courses: Discrete Mathematics and/or Mathematical Statistics and/or Probability Theory and/or Algorithms and/or Data Structures (at least 7,5 cr.)


Industrial Design Engineering (MPDES)

Bachelor’s degree (refer to section 10.2.1) with a major in: Industrial Design Engineering or Product Design Engineering

Prerequisites: Mathematics (at least 15 cr.), Mechanical Engineering (at least 30 cr.), Industrial Design (at least 45 cr. including Design and Development, Design Methodology, Form Theory), Human Factors Engineering (at least 7,5 cr. including Ergonomics and Human Machine Interaction).

A portfolio of design projects is required. The portfolio should contain at least three (3) examples of projects and the examples must be able to demonstrate the applicant’s proficiency in designing with consideration to technical functionality, user interaction and experience, as well as elements of aesthetics. A portfolio that considers all the three aspects as an integrated whole in all the examples is preferred.

Alternative selection: Refer to section 10.3
Industrial Ecology (MPTSE)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Engineering, Physics, Chemistry, Architecture and Engineering, Environmental Science, Geo Science or Agricultural Science
*Prerequisites:* Mathematics (at least 22.5 cr. including Mathematical Statistics), Environmental and Sustainability Science (at least 7.5 cr.)

Infrastructure and Environmental Engineering (MPIEE)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Civil Engineering, Urban Planning, Environmental Engineering or the equivalent
*Prerequisites:* Mathematics (at least 22.5 cr.) and 20 cr. within the following areas: Geology, Geotechnics, Hydrogeology, Hydrology, Water and Wastewater Engineering, Fluid Mechanics or Environmental Engineering
*Preferable course experience:* Linear Algebra, Multivariable Analysis and Statistics

Innovative and Sustainable Chemical Engineering (MPISC)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Chemical Engineering or Bioengineering
*Prerequisites:* Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Differential Equations and Mathematical Statistics), Transport Phenomena, Engineering Thermodynamics and Chemical Reaction Engineering
*Preferable course experience:* Process Control Engineering, Separation Process Principles

Interaction Design and Technologies (MPIDE)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Software Engineering, Computer Science, Computer Engineering, Textile Design, Graphic Design, Industrial Design, Cognitive Science or Computational Linguistics
*Prerequisites:* Programming (at least 7.5 cr.) and Human-Computer Interaction (at least 7.5 cr.)

Learning and Leadership (MPLOL)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Engineering, Technology, Science or Mathematics
*Prerequisites:* Mathematics-related subjects of at least 65 cr. and engineering-, physics- or chemistry-related subjects of at least 85 cr.
or
Mathematics-related subjects of at least 85 cr. and engineering-, physics- or chemistry-related subjects of at least 65 cr.
and Swedish B/3 or the equivalent
and a personal letter
and a successful interview
*Alternative selection:* Refer to section 10.3
*Language of instruction:* Swedish

Management and Economics of Innovation (MPMEI)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Industrial Engineering and Management or an Engineering Discipline. Note: A Bachelor's degree in Business Administration (BBA or B.B.A.) or Economics does not fulfil the requirement.
*Prerequisites:* Mathematics (at least 30 cr.) and studies in one or several of the following subjects: Organization theory, Project Management, Management, Innovation Management, Business Administration and/or Economics, History of Technology (at least 15 cr. which may include a maximum of 7.5 cr. of Sustainable Development)
*Preferable course experience:* Linear Algebra, Single Variable Analysis and Multivariable Analysis

Maritime Management (MPMAR)
*Bachelor’s degree (refer to section 10.2.1) with a major in:* Nautical Science, Marine Engineering, Ocean Engineering, Port Management, Shipping and Logistics or the equivalent
*Prerequisites:* For applicants without a major in Nautical Science or Marine Engineering, there is an additional prerequisite of studies in Maritime Law or Maritime Transport Economics or the equivalent
*Preferable course experience:* Professional experience relevant to the Maritime industry
Materials Chemistry (MPMCN)

Bachelor’s degree (refer to section 10.2.1) with a major in: Chemical Engineering, Chemistry or Bioengineering

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Differential Equations and Mathematical Statistics) and Chemistry (at least 37.5 cr. including Physical Chemistry, Organic Chemistry and Inorganic Chemistry)

Materials Engineering (MPAEM)

Bachelor’s degree (refer to section 10.2.1) with a major in: Material Science, Mechanical Engineering, Engineering Physics, Chemistry, Industrial Engineering and Management or Industrial Design Engineering

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra (including Eigenvalue Analysis, Diagonalization and Spectral Decomposition), Multivariable Analysis, Optimization, Numerical Analysis and Mathematical Statistics or Probability Theory), Metals, Polymers, Thermodynamics and Strength of Materials or Solid Mechanics

Nanotechnology (MPNAT)

Bachelor’s degree (refer to section 10.2.1) with a major in: Engineering Physics, Chemical Engineering, Physics, Chemistry, Bioengineering or Electrical Engineering

Prerequisites: Mathematics (at least 30 cr.), Basic Quantum Physics or Physical Chemistry (at least 3 cr.)

Preferable course experience: Experience with software for numerical computation, for example Matlab or Octave.

Naval Architecture and Ocean Engineering (MPNAV)

Bachelor’s degree (refer to section 10.2.1) with a major in: Mechanical Engineering, Civil Engineering, Aerospace Engineering, Engineering Physics or Engineering Mathematics

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Mathematical Statistics and Numerical Analysis), Mechanics, Fluid Mechanics and Strength of Materials or Solid Mechanics

Physics (MPPHS)

Bachelor’s degree (refer to section 10.2.1) with a major in: Engineering Physics, Physics, Electrical Engineering, Material Science, Chemical Engineering or the equivalent

Prerequisites: Mathematics (at least 30 cr.), Quantum Physics and Solid State Physics

Product Development (MPPDE)

Bachelor’s degree (refer to section 10.2.1) with a major in: Mechanical Engineering, Automation and Mechatronics Engineering, Industrial Design Engineering, Industrial Engineering and Management, Production Engineering, Product Design Engineering, Aerospace Engineering or Automotive Engineering

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Numerical Analysis and Mathematical Statistics or Probability Theory), Programming, Mechanics, Strength of Materials or Solid Mechanics, Engineering Materials, Product Development (Machine Design or Design Methodology), Industrial Economics and Control Theory or Mechatronics

Production Engineering (MPPEN)

Bachelor’s degree (refer to section 10.2.1) with a major in: Mechanical Engineering, Automation and Mechatronics Engineering or Industrial Engineering and Management

Prerequisites: Mathematics (at least 30 cr. including Linear Algebra, Numerical Analysis, Multivariable Analysis and Mathematical Statistics), Mechanics, Strength of Materials or Solid Mechanics, Engineering Materials, Manufacturing Engineering, Automation or Automatic Control, Industrial Economics, Computer-Aided Design and Programming

Preferable course experience: Maintenance, Production Planning, Human Factors Engineering, Virtual Production and Logistics
Quality and Operations Management (MPQOM)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Industrial Engineering and Management or an Engineering Discipline.* Note: A Bachelor's degree in Business Administration (BBA or B.B.A.) or Economics does not fulfil the requirement.

**Prerequisites:** Mathematics (at least 30 cr. including Mathematical Statistics at least 7,5 cr.) and studies in one or several of the following subjects: Industrial Management, Logistics, Operations Management and/or Supply Chain Management (at least 15 cr.)

**Preferable course experience:** Linear Algebra, Single Variable Analysis and Multivariable Analysis

Software Engineering and Technology (MPSOF)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Software Engineering, Computer Science, Computer Engineering, Automation and Mechatronics Engineering or Industrial Engineering and Management*

**Prerequisites:** Mathematics (at least 15 cr. including Discrete Mathematics at least 7,5 cr. and Linear Algebra at least 7,5 cr.), Programming (at least 15 cr. which must include at least 7,5 cr. of Object Oriented Programming), Algorithms and/or Data Structures (at least 7,5 cr.) and Basic Software Engineering or Software Engineering Project (at least 7,5 cr.)

**Preferable course experience:** Mathematical Statistics and Model Driven Software Development

Sound and Vibration (MPSOV)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Architecture and Engineering, Civil Engineering, Electrical Engineering, Engineering Mathematics, Mechanical Engineering, Physics*

**Prerequisites:** Mathematics (15 cr.)

Structural Engineering and Building Technology (MPSEB)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Architecture and Engineering or Civil Engineering*

**Prerequisites:** Mathematics (at least 27 cr. including Linear Algebra, Multivariable Analysis and Mathematical Statistics), Mechanics, Solid Mechanics, Structural Mechanics, Heat and Mass Transfer or Thermodynamics, Structural Engineering for Steel, Timber and Concrete Structures

Supply Chain Management (MPSCM)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Industrial Engineering and Management or an Engineering Discipline.* Note: A Bachelor's degree in Business Administration (BBA or B.B.A.) or Economics does not fulfil the requirement.

**Prerequisites:** Mathematics (at least 30 cr. including Mathematical Statistics at least 7,5 cr.) and studies in one or several of the following subjects: Industrial Management, Logistics, Operations Management and/or Supply Chain Management (at least 15 cr.)

**Preferable course experience:** Linear Algebra, Single Variable Analysis and Multivariable Analysis

Sustainable Energy Systems (MPSES)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Mechanical Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Mathematics, Automation and Mechatronics Engineering, Engineering Mathematics or Physics*

**Prerequisites:** Mathematics (at least 30 cr. including Linear Algebra, Numerical Analysis, Mathematical Statistics and Multivariable Analysis), Thermodynamics, Heat Transfer or Thermal Engineering, Fluid Dynamics

**Preferable course experience:** Basic Environmental Science

Systems, Control and Mechatronics (MPSYS)

*Bachelor’s degree (refer to section 10.2.1) with a major in: Automation and Mechatronics Engineering, Electrical Engineering, Mechanical Engineering, Computer Science, Computer Engineering, Chemical Engineering, Engineering Mathematics or Engineering Physics*

**Prerequisites:** Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Transforms and Mathematical Statistics), Automatic Control (including PID-controllers, State-Space Models, Stability Analysis for Transfer Functions and State-Space Models, Linearization of Nonlinear Models, Bode’s and Nyquist’s Diagrams, Stability Analysis using Nyquist’s Full Criteria), Physics
(including Kirchoff’s Circuit Laws and Newton’s Second Law for Translation and Rotational Motions) and Basic Programming

Wireless, Photonics and Space Engineering (MPWPS)

**Bachelor’s degree (refer to section 10.2.1) with a major in:** Electrical Engineering, Engineering Physics, Physics or Engineering Mathematics

**Prerequisites:** Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis and Fourier Analysis) and Electromagnetic Field Theory

**Preferable course experience:** High Frequency Electromagnetic Waves

### 10.3 Selection for Master’s Level Programmes (Second Cycle)

An overall assessment of qualifications is made for eligible applicants. The selection is based primarily on academic qualifications of all passed credits that are of equivalence to a Swedish kandidatexamen, 180hp. A merit rating may also be based on verified and relevant work experience, CV, letters of recommendation and letter of intent/motivation. In addition, in some programmes within the field of architecture and design, a project portfolio is mandatory for the evaluation of eligible applicants.

The applicant with the highest academic qualification with special consideration on the prerequisites for each programme, is given the highest merit rating. If two or more applicants have the same merit rating, then a casting of lots is used.

If study places are available, applicants with late applications can participate in the selection. Study places are offered in chronological order of complete late applications.

**Applicants who are Liable to Pay Tuition Fees**

Eligible applicants who are liable to pay tuition fees and who have applied on time to the advanced/master’s level at Chalmers, will compete in a separate selection group. Applicants who submit late applications that are complete, will compete in a separate selection group and will be considered according to the chronological date of application.

**Change of Fee Status**

If an admitted applicant changes his/her fee status after the selection, will be able to keep his/her study place, under the condition that all the applicable requirements according to Chalmers Regulations for Payment of Tuition Fees are fulfilled.

**Selection Priority for Eligible Bachelor’s Students at Chalmers**

There is a separate admission round for bachelor’s students who are either currently enrolled in or hold a completed bachelor’s degree (or equivalence) from Chalmers. Eligible students will be given admission based on selection priority in accordance with the Appendix in the admissions regulations. Single subject courses are not considered if they are not included in the bachelor’s programme.

The selection is made among the applicants after the number of achieved credits within the bachelor’s programme. (a max of 157.5 cr.*). If two or more applicants have attained the same amount of credits from the same group, then the applicant with the highest average grade in courses within the bachelor’s programme is given the priority. If two or more applicants have the same average grade, then a casting of lots is used. Selection of late applications is considered according to the chronological date of application and if two late applications are received on the same date, then a casting of lots is used.

**Alternative Selection for the Following Master’s Programmes**

**Architecture and Planning Beyond Sustainability (MPDSD)**

Specific entry requirements (refer to section 10.2.3) Selection criteria and selection group are based on a project portfolio (instructions for uploading the portfolio is stated on chalmers.se)

**Architecture and Urban Design (MPARC)**

Specific entry requirements (refer to section 10.2.3) Selection criteria and selection group are based on a project portfolio (instructions for uploading the portfolio is stated on chalmers.se)
Entrepreneurship and Business Design (MPBDP)
Selection criteria and selection group are based on a personal letter and an interview.

Industrial Design Engineering (MPDES)
Specific entry requirements (refer to section 10.2.3) Selection criteria and selection group are based on a project portfolio (instructions for uploading the portfolio is stated on chalmers.se)

Learning and Leadership (MPLOL)
Selection criteria and selection group are based on a personal letter and an interview.

Notification of Selection Results
The Notification of Selection Results is valid as a Chalmers decision, either from UHR or directly from Chalmers Admissions. From the notification, it is clear whether the applicant is admitted, on a reserve (waiting) list or not admitted. If the applicant does not fulfil the specific entry requirements for a programme, then applicant is considered unqualified. The Notification of Selection Results that is published by UHR is accessible on the applicant’s user account.

A welcome letter, or the equivalent, does not replace a Notification of Selection Results and is not valid as a proof of admission.

Declining Your Offer of a Study Place
If an applicant is offered a place or a place on the reserve (waiting) list, then the applicant is advised to decline the offer or send an email to Chalmers Admissions if he/she is unable to attend. This allows another applicant on the reserve list to able to receive the offer. It will not affect the applicant’s chance of applying to the same or other programmes in the future. Declining an offer of a study place at universityadmissions.se/antagning.se is irreversible.

Admission After the Ordinary Selection
If there are study places that are declined after the ordinary selection, then the applicants on the reserve (waiting) list may be contacted first and thereafter, the late applicants. Late applicants are contacted in chronological order based on their submission of complete applications. Fee-paying applicants and non-fee-paying applicants are administered separately.

When Chalmers offers a study place after the selection, it is important that the applicant will be able to commence his/her studies at a very short notice. Applicants are generally given a maximum of 24 hours to respond to an offered study place when they are contacted by email. If there is no response within the timeframe, then the offer of study place will be revoked.

10.4 Restrictions of Access to Programme or Single Subject Course

Completed Programme(s) or Single Subject Course(s)
Chalmers does not grant admission again to the same programme or single subject course for a student who has completed the said programme or a single subject course.

If the student applies and gets admitted to the same programme or a single subject course, then he/she is not allowed to take the course.

Conditional Offers of Admission for Fee-Paying Applicants
All fee-paying applicants are given a conditional offer of admission until tuition fees on a semester basis (for both single subject courses and programmes) have been paid in full. Payment deadlines are stipulated on Chalmers website. All fee-paying applicants must pay within the stipulated time frame to fulfil the conditions for admission. Otherwise the offer of admission is revoked.

Restrictions for Citizens from the Democratic People’s Republic of Korea (North Korea)
10.5 Postponed Enrolment and Deferment of Studies to the Next Academic Year for Master’s Level Programmes (Second Cycle)

Chalmers Applies Mandatory Online Registration in Ladok from HT2018
The applicant is responsible to register him/herself on the courses within the programme on time, according to the instructions published at Chalmers The Student Portal. The offered study place is revoked if registration is not done within the stipulated time frame.

Application for Postponed Enrolment
A postponed enrolment cannot be granted to any applicant with a Swedish civic registration number (personnummer).

A postponed enrolment can be granted up to a maximum of twelve (12) days, after the start of semester and can only be granted to those without a Swedish civic registration number. (personnummer) The application must be sent by email to Chalmers Admissions before the start of semester. A postponed enrolment cannot be granted if the application is received after the start of semester. When a decision is made, the applicant will receive an email from Chalmers Admissions. An applicant who has been granted a postponed enrolment; must register in person, in the manner and within the time frame as instructed by Chalmers Admissions; otherwise the study place will be revoked.

Deferment of Studies to the Next Academic Year due to Certain Circumstances
Under certain circumstances, it is possible for an admitted applicant to defer his/her start of studies to the next academic year. A deferment is granted for one academic year only. Once a deferment is granted, the applicant cannot begin his/her studies prior to the start of the following academic year.

Deferment of studies based on certain circumstances granted by Chalmers Admissions prevails. Such circumstances can be of social, medicinal or other special grounds. Time limit of probationary employment period for some employees such as periodically duty military officer, soldier or seaman according to 12 § act (SFS 2012:332) in certain armed forces/military power/defence power or service in the Military Forces can be granted a deferment of studies.

Deferment of studies can be granted for Military programmes (GMU) according to ordinance (2015:613) on military programmes (compulsory military service or civil service). Military service is a valid reason for deferment for both national and international applicants. (only for one (1) academic year)

A deferment of studies can also be granted for postponed leave according to the act (1974:981) on an employee’s right of entitlement to leave for education purposes, provided that the application on the said reason is received immediately after the publication of notification of selection of results.

Application for Deferment of Studies
The application must be sent as an email to Chalmers Registrar, before the start of the semester.* The reason of not being able to conduct studies in the first semester of a new programme, must be certified with valid documents. The deferment of studies has not been granted until a decision is made and sent by email to the applicant by Chalmers Admissions.

*) An applicant may be offered a study place after the start of the semester. In the case of the same applicant wanting to apply for a deferment, the application must be filed within the stipulated time frame as for accepting the study place offer.

Deferment of Studies is Not Granted under the Following Circumstances
- Deferment of studies cannot be granted retroactively.
- All fee-paying applicants who have not paid their tuition fees by the stipulated time will then have not fulfilled the conditions for admission and as such, a deferment of studies will not be granted.
• Chalmers does not grant any deferment of studies to circumstances such as volunteer service, internships or reasons pertaining to accommodation/housing and economic situation.

**Start of Studies after Deferment**
The student must re-apply to the same programme (that has been granted a deferment) according to the regulations in the deferment decision. The copy of the deferment decision must be submitted together with the application at universityadmissions.se/antagning.se and it should be submitted to UHR before the deadline of application.

A student who has been granted a deferment of studies cannot begin his/her studies (cannot claim his/her study place) during the deferment period without any justifiable valid reason.

**10.6 Appeals for Master’s Level Programmes (Second Cycle)**
An applicant who deems that he/she has received an incorrect or unjust decision may file a complaint against the decision such as the following:
- General and/or specific entry requirements have not been fulfilled
- A deferment of studies that was not granted

**Complaint must be Submitted to Chalmers within Three (3) Weeks**
The complaint shall be made in writing and shall be received by Chalmers Registrar no later than three (3) weeks after the notification of the decision has been rendered. The complaint must state clearly what the decision was and on which grounds that the decision should be rectify and personal information of the complainant must be stated clearly.

When such a complaint is received, the decision shall first be re-evaluated by Chalmers. If the decision is not altered in the manner according to the complainant’s request, then the complaint shall be referred to the committee mentioned in the Disciplinary Statute for students at Chalmers University of Technology AB. The rules are found in Chalmers Rules of Procedures for Undergraduate Programmes.

**10.7 Cancellation of Master’s Level Programmes (Second Cycle)**

**Cancellation of Programmes**
Vice President of Education and Lifelong Learning has the right to cancel a programme after the matter is raised in Chalmers Undergraduate Education Steering Group. If a programme alternative that is published must be cancelled, then the decision shall be made by Vice President of Education and Lifelong Learning and the decision shall be informed to Chalmers Admissions via email before the selection of programme is done. Prospective applicants will be informed by Chalmers Admissions.
11 Application to a Master’s Programme for Exchange Students and Chalmersister Who Follow an Individual Study Plan, which Contain Courses from the Master’s Level (Second Cycle)

11.1 Application
For the transfer of the applicant’s academic merits record between Ladok and antagning.se/universityadmissions.se, the same Swedish civic registration number (personnummer) must be used in both systems.

Refer to section 10.1

11.2 Entry Requirements
Refer to section 10.2 for all the entry requirements
Refer to section 10.4 for applicants who are liable to pay tuition fees.

11.3 Selection
Applicants do not have priority.
Applicants can neither have pre-assessments of their eligibility nor a pre-notification of selection results of admission.

Refer to section 10.3 and 10.4

11.4 Credit Transfer
Current or former student with course credits from an exchange programme period at Chalmers (incoming exchange students)
The course credits earned during the exchange study period at Chalmers must not be accounted twice within two (2) degrees at different levels. (a course credit cannot be used in both the student’s bachelor’s and master’s degree) If any courses from Chalmers will be or are accounted for by the student’s home university as part of the student’s expected or issued bachelor’s degree, then the student will not be able to fulfill the requirements of having a master's degree (120cr.) issued by Chalmers. If this is the case for the student, it means that the student will have to take supplementary courses in replacement of the courses and credits accounted for, in his/her bachelor's degree.
12 Transfer of Master’s Programme (First Semester in the First Year) - Master’s Level (Second Cycle)

12.1 Application
Application is done according to the regulations as stipulated by Chalmers.

12.2 Entry Requirements
To be eligible for a transfer, the following requirements must be fulfilled:

- The student is enrolled in year one (1) of a two (2) year master’s programme at Chalmers.
- There are available study places on the master’s programme.
- All general and specific entry requirements are fulfilled. Refer to 10.2.1 and 10.2.2
- The applicant’s merit value for the programme he/she wants to transfer to is greater or equal to that of the last admitted student (i.e. the admitted student with the lowest merit value). The merit value cannot be transferred between programmes. If the applicant did not apply for the programme in the current application round, then an evaluation will be made.

12.3 Selection

- Qualified applicants are admitted in chronological order based on the date of application.
- The applicant will receive a notification of selection result by e-mail within approximately one (1) week from the date the application form was submitted.
- If the transfer is approved, the notification will include a request to confirm the offered study place. A reply must reach Chalmers Admissions no later than two (2) weeks from the date the student gets the approval of the transfer.
- No reply from the student would mean the student declines the offer and the application will then be cancelled.

Refer to section 10.1 and 10.3
13 Master’s Thesis 30-60cr, as a Single Subject Course for External Students - Master’s Level (Second Cycle)

13.1 Application
Application is done according to the regulations as stipulated by Chalmers.

13.2 Entry requirements

General Entry Requirements for Master’s Level Programmes
Refer to section 10.2.1

English Language Proficiency
English language proficiency that is of equivalence to English course 6 (Swedish upper secondary school).

Specific Requirements
The applicant must have ongoing studies on a master’s programme and must have completed a minimum of 45 cr. at the master’s studies (second cycle).

The thesis/project plan must have been approved by an examiner at Chalmers.

Refer to 10.4 for restriction of access to programmes or single subject courses.

13.3 Selection
Qualified applicants are admitted.